

COLUMBIA COLLEGE

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



Bulletin | 2019-2020

April 17, 2019

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COLUMBIA COLLEGE BULLETIN

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In light of the circumstances caused by COVID-19 during the Spring 2020 semester, the Columbia College - School of General Studies Committee on Instruction has revised certain academic policies.

Therefore, Columbia College, as of March 24, 2020 has temporarily revised the following academic policies for the remainder of the Spring 2020 semester.

Mandatory pass/fail system of grading

Spring 2020 will be a mandatory pass/fail term -- i.e., all final grades for Spring 2020 will be either "pass" or "fail." **While working within this new grading system, we remain committed to engaging our students and guiding their learning.** Faculty should therefore continue to measure student progress in their courses and to provide evaluative feedback on all course requirements, in order to help students gauge the success of their understanding and application of course material. Faculty, individually and in consultation with colleagues in their departments or programs, should consider and communicate to students their criteria for the grade of "pass" and for the grade of "fail" in this grading system.

Faculty are encouraged to consider various ways to provide clear guidance to students about their level of achievement of course learning goals. For example, some faculty may wish to assign grades on individual assignments in order to reflect the level of mastery a student has shown (although faculty should keep in mind that a final grade will not be awarded on the student's transcript), while other faculty may wish to move to narrative feedback only in order to convey the level of mastery achieved. In any case, faculty are encouraged to keep their own personal records of student progress, so that they are prepared to write detailed letters of recommendation in the future for students who may need faculty support for applications to graduate school, professional schools, competitive opportunities, etc.

[Note: Some graduate schools and professional schools have already stated that they will accept grades of "pass" in Spring 2020 from schools who have declared a mandatory pass/fail system this semester, and that they will also consider students' cumulative GPAs with the current disruption in mind. We hope

that even more schools will soon follow suit. So your letters of recommendation will be read in this larger context as well.]

To reiterate earlier guidance: **Faculty are encouraged to have explicit conversations with students about the goals of their classes for the second half of the semester, so that faculty and students alike continue to be engaged with the course material.**

A pass/fail semester offers the opportunity for the academic community to put aside pressures associated with assigning or receiving letter grades and to focus even more on the learning process; open communication may help this experience online to be productive and beneficial for faculty and students alike.

Remote learning and providing course instruction in the most equitable ways possible

Many of our students are now living in very different conditions from those in which they began the semester. Some students are in different time zones; some students have technological challenges in connecting to online courses; some students have work schedules or sleep schedules that are now at odds with course meeting times; some students are caring for young children whose schools are closed. It is incumbent on every faculty member to make their instruction and their course materials available to all enrolled students.

Faculty are asked to expand their instruction as necessary so that students who face such challenges can participate more fully in our online instruction. Faculty can consider the following strategies, among others:

- Recording class sessions through Zoom and providing the recording files to students in the course for asynchronous viewing (***strongly recommended***);
- Conducting class sessions two times per day (especially in the case of seminars in which participation in discussion is expected);
- Developing small group projects that allow all students to be engaged with other students (particularly those who may be in close time zones), the results of which can be brought into full class sessions;
- Posting course materials on Courseworks;
- Giving oral exams instead of written exams, where practicable;
- Asking for student volunteers, or creating group projects that ask students, to take and post robust class notes (see the "[CC]" function in Zoom); and
- Offering additional office hours and/or individual conferences.

To repeat earlier guidance to the faculty:

Given these extraordinary circumstances, we have the flexibility to alter our expectations of contact hours and workload hours, as long as we fulfill the overall expected course hours and that we have achieved reasonable learning

goals in our courses. We must complete all courses, even if we can do so only by changing the learning goals for a class radically. In other words, we have to determine what learning looks like in the time of a global pandemic so that we are serving our students as well as possible while adjusting our shared expectations of what constitutes reasonable content and a reasonable timeline.

Faculty are strongly urged to show flexibility to their students and to reconsider their course requirements in light of our new instructional environment. Students may feel ill-equipped to contribute to class discussion if they are unable to attend class sessions or must participate at odd hours. **Therefore, class participation, in particular, may need to be redefined** for students to include such things as posting on class discussion boards, contribute to class chats, working in small student groups on projects, and more. In general, faculty should strive to maintain frequent student engagement in order to help students feel connected to their Columbia community during this period of physical separation.

If students become ill, or if they have responsibility for others who are ill, faculty should be aware that, even in mild cases, the COVID-19 virus can produce severe symptoms, and people who fall ill from the virus may be incapacitated for multiple weeks. So faculty are asked to be flexible with students in such cases and should provide course materials and other support to help the students complete the course. Incompletes will be supported by the schools in these circumstances.

As an academic community, we want to support our students' progress toward the successful completion of this semester and toward the next stage of their studies or careers, so we will want to consider all possible ways we can show flexibility to affirm academic achievement before assuming that an incomplete or other postponement of work is approved. But of course, extenuating circumstances will be taken into account, and **faculty are encouraged to consult with students' advising deans to determine the best course for difficult situations.**

Evaluating senior theses

The senior thesis represents a tremendous academic achievement for some of our graduating seniors. Therefore, although the final grade for a senior thesis course must be either "pass" or "fail," the Columbia College - School of General Studies Committee on Instruction recommends that any faculty member who is advising a senior thesis provides a robust evaluative summary of the level of achievement, which can be shared both with the student and with the sponsoring academic unit. This evaluative summary should reflect in specific narrative terms whether the faculty advisor recommends the student for relevant graduation honors and prizes; academic units will then be able to take into account the achievement of the senior thesis when determining departmental honors.

The Columbia College - School of General Studies Committee on Instruction recommends that faculty do not give letter grades to the thesis itself, since that thesis grade will not translate to a final

grade for a thesis course. Faculty are encouraged, though, to keep records for themselves of the thesis evaluation, so that they are prepared to write detailed letters of recommendation in the future for students who may need faculty support for applications to graduate school, professional schools, competitive opportunities, etc.

Awarding honors, awards and prizes

During this time when all students are working under unusual duress, it is more important than ever that we recognize, whenever possible, the talent and perseverance of our students through the awarding of honors, awards, and prizes that permanently commemorate their academic achievements. Given the unusual exigencies of this term, the Columbia College - School of General Studies Committee on Instruction offers the following guidance for graduation honors for Spring 2020.

To allow faculty to have more access to academic work that they are evaluating for honors, awards, and prizes, the announcement of most honors, awards, and prizes will be delayed until mid-to late May. School administrators will communicate revised deadlines for soliciting faculty evaluations accordingly.

Valedictorian and Salutatorian: Valedictorians and Salutatorians for both CC and GS will be selected according to standard school policy and process.

Academic Prizes and Awards: Recipients of academic prizes and awards will be selected according to standard school or department processes.

Dean's List: Because we have moved to a mandatory Pass/Fail grading system for the term, and the awarding of Dean's List is based solely on GPA, Dean's List will not be awarded for the Spring 2020 term.

Latin Honors: Latin Honors will be awarded according to standard school policy, with the understanding that grades for Spring 2020 will not be taken into account in calculating Latin Honors.

Phi Beta Kappa: Phi Beta Kappa will be awarded according to standard school policy, in which grades and faculty evaluations are considered for each eligible student. The national Phi Beta Kappa Society has confirmed that students can be elected to Phi Beta Kappa even in the absence of an in-person induction ceremony.

Departmental Honors: Under normal circumstances, departmental honors are awarded to no more than 10% of graduating seniors. In acknowledgement of the challenges and resilience of our students this semester, academic units may extend departmental honors to up to 20% of graduating seniors.

Columbia College

208 Hamilton Hall, Mail Code 2805
1130 Amsterdam Avenue
New York, NY 10027

Phone: 212-854-2441

Website: <http://www.college.columbia.edu/>

Email: ColumbiaCollege@columbia.edu

Columbia University

Phone: 212-854-1754

Website: <http://www.columbia.edu/>

Coordinated by the Office of the Dean and Academic Affairs

Amy Kohn, Editor

Jared Jackson, Assistant Editor

Cover Photo: Geoffrey Allen

ACADEMIC CALENDAR

Columbia University reserves the right to revise or amend this academic calendar, in whole or in part, at any time. Registration and Change of Program period dates are tentative, and students should consult their registration materials or speak with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) to confirm up-to-date deadlines. Updated calendar information is also available from the Registrar (<http://registrar.columbia.edu/event/academic-calendar/>).

SUMMER REGISTRATION DATES FOR FALL 2019

June	10–14	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
	17–21	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
July	29–August 2	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
August	5–9	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
	20–22	Tuesday–Thursday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing and transfer students only.

FALL TERM 2019

July	31	Wednesday. Last day for new students entering in Fall 2019 to submit vaccination documentation for measles, mumps, and rubella; and to certify meningitis decision via secure.health.columbia.edu . Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes without this documentation.
August	25	Sunday. New Student Orientation Program begins for new students entering in Fall 2019.

	30–31	Friday–Saturday. Fall 2019 online registration for first-year students via Student Services Online (SSOL) appointment.
	31	Saturday. Fall 2019 online registration for continuing students and transfer students via Student Services Online (SSOL) appointment.
September	1	Sunday. Last day to apply or reapply for the B.A. degree to be awarded in October 2019. Applications received after this date are automatically applied to the next conferral date.
	2	Monday. Labor Day. University holiday.
	3	Tuesday. Classes begin (on a Tuesday schedule) for the 266th academic year.
	3–13	Weekdays only. Fall 2019 Change of Program period by online appointment via Student Services Online (SSOL): all students.
	6,9	Friday and Monday. Deferred examination dates.
	12	Thursday. Last day to join a class off the Wait List via Student Services Online (SSOL). The Wait List tool will close at 9:30 p.m.
	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 2019 course taken Pass/D/Fail.
	17–October 8	Weekdays only. Post Change of Program Add/Drop period by online appointment via Student Services Online (SSOL).
	29	Sunday. Last day to confirm, enroll dependents, or request a waiver (domestic students only) from the Columbia Student Health Insurance Plan.
October	8	Tuesday. Last day for students to drop individual courses via Student Services (SSOL).
	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. Applications received after this date are automatically applied to the next conferral date.
	4	Monday. Academic holiday.
	5	Tuesday. Election Day. University holiday.

	14	Thursday. Last day for students to register for R credit. Last day to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course. Last day to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade.
	18–22	Monday–Friday. Online registration for Spring 2019 via Student Services Online (SSOL) appointment: continuing students only.
	27	Wednesday. Academic holiday. No classes held. Administrative offices open.
	28–	Thursday–Sunday. Thanksgiving
	December 1	holidays.
	30	Saturday. Last day for new Spring 2020 students to submit vaccination documentation for measles, mumps, and rubella; and to certify meningitis decision online. Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes without this documentation.
December	1	Sunday. Last day to apply or reapply for the B.A. degree to be awarded in May. Applications received after this date are automatically applied to the next conferral date.
	9–13	Monday–Friday. Online registration for Spring 2020 via Student Services Online (SSOL) appointment: continuing students only.
	9	Monday. Last day of classes.
	10–12	Tuesday–Thursday. Study days.
	13–20	Friday–Friday. Final examinations.
	20	Friday. Fall term ends.
	20	Friday, December 20, 2019–Monday, January 20, 2020. Winter holidays.

SPRING TERM 2020

January	1	Wednesday. Last day for applicants to the Class of 2024 to apply for admission.
	7–17	Weekdays only. Online registration for Spring 2020 via Student Services Online (SSOL) appointment: continuing and transfer students only.
	20	Monday. Martin Luther King, Jr. Day. University holiday.
	21	Tuesday. Classes begin (on a Tuesday schedule).

	21–31	Weekdays only. Change of Program period by online appointment via Student Services Online (SSOL).
	24, 27	Friday and Monday. Deferred examination dates.
	30	Thursday. Last day to join a class off the Wait List via Student Services Online (SSOL). The Wait List tool will close at 9:30 p.m.
	31	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 Fall 2019 course taken Pass/D/Fail.
February	12	Wednesday. Award of February 2020 degrees.
	25	Tuesday. Last day for students to drop individual courses via Student Services (SSOL).
March	9	Monday. Midterm date.
	10–13	Tuesday–Friday. Major Declaration.
	16–20	Monday–Friday. Spring recess.
	26	Thursday. Last day for students to register for R credit, to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course, and/or to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade.
April	20–24	Monday–Friday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing students only.
May	4	Monday. Last day of classes.
	5	Tuesday. Deadline for continuing students to apply for financial aid for 2020–2021.
	5–7	Tuesday–Thursday. Study days.
	5–15	Friday–Friday. Final examinations.
	15	Friday. Spring term ends.

COMMENCEMENT

May	18	Monday. Baccalaureate Service.
	19	Tuesday. Columbia College Class Day. Academic Awards and Prizes Ceremony. Phi Beta Kappa Induction Ceremony.
	20	Wednesday. Award of May 2020 degrees. University Commencement.

SUMMER REGISTRATION DATES FOR FALL 2020

June	8–12	Monday–Friday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing students only.
	15–19	Monday–Friday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing students only.
July	27–31	Monday–Friday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing students only.
August	3–7	Monday–Friday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing students only.
	25–27	Tuesday–Thursday. Online registration for Fall 2020 via Student Services Online (SSOL) appointment: continuing and transfer students only.

THE ADMINISTRATION AND FACULTY OF COLUMBIA COLLEGE

Lee Bollinger, J.D.

President of the University

Ira I. Katznelson, Ph.D.

Interim Provost of the University

Amy Hungerford, Ph.D.

Executive Vice President for Arts and Sciences and Dean of the Faculty of Arts and Sciences

James J. Valentini, Ph.D.

Dean of Columbia College and Vice President for Undergraduate Education

UNIVERSITY PROFESSORS

Richard Axel

B.A., Columbia University, 1967; M.D., Johns Hopkins University, 1970

Jagdish Bhagwati

B.Com., Bombay University (India), 1954; M.A., University of Cambridge, 1956; Ph.D., Massachusetts Institute of Technology, 1967

Martin Chalfie

A.B., Harvard University, 1969; Ph.D., 1976

Ruth S. DeFries

B.A., Washington University in St. Louis, 1976; Ph.D., Johns Hopkins University, 1980

Michael W. Doyle

A.B., Harvard University, 1970; Ph.D., 1977

Nabila El-Bassel

B.S.W., Tel Aviv University (Israel), 1980; M.S.W., Hebrew University of Jerusalem (Israel), 1983; Ph.D., Columbia University, 1989

Wafaa El-Sadr

M.D., Cairo University (Egypt), 1974; M.P.H., Columbia University, 1991; M.P.A., Harvard University, 1996

R. Kent Greenawalt

A.B., Swarthmore College, 1958; B.Phil., University of Oxford, 1960; LL.B., Columbia University, 1963

Wayne A. Hendrickson

B.A., University of Wisconsin-River Falls, 1963; Ph.D., Johns Hopkins University, 1968

Eric R. Kandel

A.B., Harvard University, 1952; M.D., New York University, 1956

Rosalind E. Krauss

A.B., Wellesley College, 1962; A.M., Harvard University, 1964; Ph.D., 1968

Robert A. Mundell (emeritus)

B.A., University of British Columbia (Canada), 1953; Ph.D., Massachusetts Institute of Technology, 1956

Jeffrey D. Sachs

A.B., Harvard University, 1976; A.M., 1978; Ph.D., 1980

Simon Schama

B.A., University of Cambridge, 1966; M.A., 1969

Gayatri Chakravorty Spivak

B.A., University of Calcutta (India), 1959; M.A., Cornell University, 1962; Ph.D., 1967

Joseph Stiglitz

B.A., Amherst College, 1964; Ph.D., Massachusetts Institute of Technology, 1967; M.A., University of Oxford 1976

Gordana Vunjak-Novakovic

Ph.D., University of Belgrade, 1980

FACULTY A-Z LISTING

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A

Maria Abascal

Assistant Professor of Sociology
B.A., Columbia University, 2009; M.A., Princeton University, 2012; Ph.D., 2016

Ryan P. Abernathey

Associate Professor of Earth and Environmental Sciences
B.A., Middlebury College, 2004; Ph.D., Massachusetts Institute of Technology, 2012

Mohammed Abouzaid

Professor of Mathematics

B.S., University of Richmond, 2002; M.S., University of Chicago, 2004; Ph.D., 2007

Lee B. Abraham

Lecturer in Latin American and Iberian Cultures

B.A., Temple University, 1993; M.A., Arizona State University, 1996; Ph.D., University of New Mexico, 2001

Ouijdane Absi

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., Paris-IV La Sorbonne University, 2001; M.A., 2002

Lila Abu-Lughod

Joseph L. Bottenwieser Professor of Social Science

B.A., Carleton University (Canada), 1974; A.M., Harvard University, 1978; Ph.D., 1984

James Eli Adams

Professor of English and Comparative Literature

B.S., Massachusetts Institute of Technology, 1977; B.A., University of Oxford, 1979; M.A., Cornell University, 1983; Ph.D., 1987

Rachel E. Adams

Professor of English and Comparative Literature

B.A., University of California, Berkeley, 1990; M.A., University of Michigan, 1992; Ph.D., University of California, Santa Barbara, 1997

Hassan Afrouzi Khosroshahi

Assistant Professor of Economics

B.S., Sharif University of Technology (Iran), 2011; M.S., University of Texas at Austin, 2013; Ph.D., 2017

Vanessa Agard-Jones

Assistant Professor of Anthropology

B.A., Yale University, 2000; M.A., Columbia University, 2006; Ph.D., New York University, 2013

Marcel A. Agüeros

Associate Professor of Astronomy

B.A., Columbia University, 1996; M.Phil., University of Cambridge, 1998; M.S., University of Washington, 2002; Ph.D., 2006

Francisca Aguiló Mora

Lecturer in Latin American and Iberian Cultures

B.A., University of Barcelona, 2002; M.A., University of the Balearic Islands (Spain), 2009; Ph.D., University of Miami, 2016

Aftab Ahmad

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., Aligarh Muslim University (India), 1990; M.A., Jawahar Lal Nehru University (India), 1993; M.Phil., 1996; Ph.D., 2000

May E. Ahmar

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., American University of Beirut, 1995; M.A., 2001

Manan Ahmed

Associate Professor of History

B.Sc., University of Punjab (Pakistan), 1991; B.A., Miami University, 1997; Ph.D., University of Chicago, 2008

Alfred V. Aho

Lawrence Gussman Professor of Computer Science

B.A., University of Toronto, 1963; M.A., Princeton University, 1965; Ph.D., 1967

Joseph Albernaz

Assistant Professor of English and Comparative Literature

B.A., University of North Carolina at Chapel Hill, 2012; Ph.D., University of California, Berkeley, 2018

David Z. Albert

Frederick E. Woodbridge Professor of Philosophy

B.S., Columbia University, 1976; Ph.D., Rockefeller University, 1981

Igor L. Aleiner

Professor of Physics

Ph.D., University of Minnesota, 1996

Zeynep Çelik Alexander

Associate Professor of Art History and Archaeology

Ph.D., Massachusetts Institute of Technology, 2007

Peter K. Allen

Professor of Computer Science

B.A., Brown University, 1971; M.A., University of Oregon, 1976; Ph.D., University of Pennsylvania, 1985

Douglas V. Almond

Professor of Economics and of International and Public Affairs

B.A., Carleton University, 1993; Ph.D., University of California, Berkeley, 2002

Muhsin Jassim Al-Musawi

Professor of Middle Eastern, South Asian, and African Studies

B.A., University of Baghdad, 1966; M.A., Dalhousie University (Canada), 1975; Ph.D., 1978

Carlos J. Alonso

Morris A. and Alma Schapiro Professor in the Humanities

B.A., Cornell University, 1975; M.A., Yale University, 1977; Ph.D., 1983

Irasema Alonso

Lecturer in Economics

B.A., Universidad Complutense de Madrid (Spain), 1981; M.A., Universitat Autònoma de Barcelona (Spain), 1986; Ph.D., University of Minnesota, 1992

Irene Alonso-Aparicio

Lecturer in Latin American and Iberian Cultures

B.A., University of Granada (Spain), 2001; M.A., Open University of Spain, 2005; Ph.D., University of Granada (Spain) and University of Aachen (Germany), 2011

Hilton Als

Associate Professor of Writing in the Faculty of the Arts

Boris Altshuler*Professor of Physics*

B.A., Leningrad State University (Russia), 1976; Ph.D., Leningrad Institute for Nuclear Physics (Russia), 1979

Maria Jose Alves De Abreu*Assistant Professor of Anthropology*

B.A., University of Coimbra (Portugal), 1998; M.A., SOAS, University of London, 1999; Ph.D., University of Amsterdam, 2009

Mariam Aly*Assistant Professor of Psychology*

H.B.Sc., University of Toronto, 2008; M.A., University of California, Davis, 2010; Ph.D., 2013

Tarik Amar*Associate Professor of History*

B.A., University of Oxford, 1995; M.Sc., London School of Economics, 1997; Ph.D., Princeton University, 2006

Gregory A. Amenoff*Eve and Herman Gelman Professor of Professional Practice of the Visual Arts in the Faculty of the Arts*

B.A., Beloit College, 1970

Paul J. Anderer*Fred and Fannie Mack Professor of Humanities*

B.A., University of Michigan, 1971; M.A., University of Chicago, 1972; Ph.D., Yale University, 1979

Mark M. Anderson*Professor of Germanic Languages*

B.A., Wesleyan University, 1978; M.A., Johns Hopkins University, 1981, 1982; Ph.D., 1985

Peter Andolfatto*Professor of Biological Sciences*

B.Sc., Simon Fraser University (Canada), 1992; Ph.D., University of Chicago, 1999

Alexandr Andoni*Associate Professor of Computer Science*

B.S., Massachusetts Institute of Technology, 2004; M.Eng., 2005; Ph.D., 2009

Stefan Andriopoulos*Professor of Germanic Languages*

B.A., University of Regensburg (Germany), 1990; M.A., University of Hamburg, 1994; Ph.D., 1998

Gil Anidjar*Professor of Religion*

B.A., Hebrew University of Jerusalem, 1988; M.A., Graduate Theological Union, 1994; Ph.D., University of California, Berkeley, 1998

Bogdan George Apetri*Assistant Professor of Film in the Faculty of Arts*

M.F.A., Columbia University, 2006

James H. Applegate*Professor of Astronomy*

B.S., Michigan State University, 1976; M.S., Stony Brook University - SUNY, 1978; Ph.D., 1980

Elena Aprile*Professor of Physics*

Laurea, Università degli Studi (Italy), 1978; Ph.D., University of Geneva, 1982

Arnold P. Aronson*Professor of Theatre Arts in the Faculty of the Arts*

B.A., Rutgers University, 1969; M.A., New York University, 1975; Ph.D., 1977

Branka Arsic*Charles and Lynn Zhang Professor of English and Comparative Literature*

B.A., University of Belgrade, 1990; M.A., 1995; Ph.D., 1999

Vincent S. Aurora*Senior Lecturer in French and Romance Philology*

B.S., Georgetown University, 1989; M.A., Columbia University, 1991; M.Phil., 1993; Ph.D., 1998

Jacqueline Austermann*Assistant Professor in Earth and Environmental Sciences*

B.Sc., Technische Universität Darmstadt (Germany), 2009; M.Sc., Ludwig Maximilians Universität München (Germany), 2011; Ph.D., Harvard University, 2016

Marco Andres Avella Medina*Assistant Professor of Statistics*

B.A., University of Geneva, 2009; M.A., 2011; Ph.D., 2016

Luis A. Avila*Senior Lecturer in Chemistry*

M.S., Babes-Bolyai University (Romania), 1982; M.S., Columbia University, Teachers College, 2004; Ph.D., 2006

Richard Axel*University Professor*

B.A., Columbia University, 1967; M.D., Johns Hopkins University, 1970

B**Ramin Bahrani***Professor of Professional Practice in Film*

B.A., Columbia University, 1997

Zainab Bahrani*Edith Porada Professor of Ancient and Near Eastern Art History and Archaeology*

B.A., Indiana University, 1981; M.A., New York University, 1984; Ph.D., 1989

Jushan Bai*Professor of Economics*

B.S., Nankai University (China), 1982; M.A., 1985; M.A., Pennsylvania State University, 1988; Ph.D., University of California, Berkeley, 1992

Christopher Baldassano

Assistant Professor of Psychology

B.S.E., Princeton University, 2009; Ph.D., Stanford University, 2015

Étienne R. Balibar

Professor of French and Romance Philology

B.A., École Normale Supérieure (France), 1962; M.A., 1963; Ph.D., Katholieke Universiteit Nijmegen (Netherlands), 1987; Habilitation, Université Paris I, 1993

Elazar Barkan

Professor of International and Public Affairs

Ph.D., Brandeis University, 1988

Erin Barnhart

Assistant Professor Biological Sciences

A.B., Harvard University, 2003; Ph.D., Stanford University, 2010

Teodolinda Barolini

Lorenzo Da Ponte Professor of Italian

B.A., Sarah Lawrence College, 1972; M.A., Columbia University, 1973; Ph.D., 1978

Scott Barrett

Lenfest-Earth Institute Professor of Natural Resource Economics

B.A., University of Massachusetts, 1979; M.A., University of British Columbia, 1983; Ph.D., London School of Economics, 1989

Dmitri N. Basov

Higgins Professor of Physics

M.S., Moscow Engineering Physics Institute, 1988; Ph.D., Lebedev Physics Institute, Academy of Sciences of Russia, 1991

Nicholas Baumbach

Associate Professor of Film in the Faculty of the Arts

B.A., Brown University, 1998; Ph.D., Duke University, 2009

Frederique Baumgartner

Lecturer in Art History and Archaeology

B.A., École du Louvre (France), 1997; M.A., Columbia University, 2003; Ph.D., Harvard University, 2011

Banu Baydil

Lecturer in Statistics

B.S., Bogazici University (Turkey), 1999; M.S., Sabanci University (Turkey), 2002; M.A., Indiana University-Bloomington, 2005; M.S., Rensselaer Polytechnic Institute, 2010; Ph.D., 2010

Peter Shawn Bearman

Jonathan R. Cole Professor of Sociology

B.A., Brown University, 1978; A.M., Harvard University, 1982; Ph.D., 1986

Paul Beatty

Associate Professor of Professional Practice of Writing in the Faculty of the Arts

B.A., Boston University, 1984; M.A., Boston University, 1987; M.F.A., Brooklyn College - CUNY, 1989

Carol Becker

Professor of the Arts

B.A., University at Buffalo - SUNY, 1968; Ph.D., University of California, San Diego, 1975

Peter N. Belhumeur

Professor of Computer Science

B.S., Brown University, 1985; S.M., Harvard University, 1991; Ph.D., 1993

Steven M. Bellovin

Professor of Computer Science

B.A., Columbia University, 1972; M.S., University of North Carolina at Chapel Hill, 1977; Ph.D., 1982

Andrei M. Beloborodov

Professor of Physics

M.Sc., Moscow Institute of Physics and Technology (Russia), 1991; Ph.D., Lebedev Physical Institute (Russia), 1995

Felice Italo Beneduce

Senior Lecturer in Italian

M.A., University of Connecticut, 2003; Ph.D., 2012

Naor H. Ben-Yehoyada

Assistant Professor of Anthropology

M.A., Tel Aviv University, 2005; Ph.D., Harvard University, 2011

Courtney J. Bender

Professor of Religion

B.A., Swarthmore College, 1991; Ph.D., Princeton University, 1997

Andres Bendesky

Assistant Professor of Ecology, Evolution, and Environmental Biology

M.D., Universidad Nacional Autónoma de México, 2006; Ph.D., Rockefeller University, 2011

Karen G. Benezra

Assistant Professor of Latin American and Iberian Cultures

B.A., Bard College, 2004; M.A., Duke University, 2007; Ph.D., Cornell University, 2013

Barry George Bergdoll

Meyer Schapiro Professor of Art History and Archaeology

B.A., Columbia University, 1977; B.A., University of Cambridge, 1979; M.A., 1982; Ph.D., Columbia University, 1986

Volker Berghahn

Seth Low Professor Emeritus of History

M.A., University of North Carolina at Chapel Hill, 1961; Ph.D., University of London, 1964; Habilitation, University of Mannheim (Germany), 1970

Bruce J. Berne

Higgins Professor of Chemistry and Professor of Chemical Engineering

B.S., Brooklyn College - CUNY, 1961; Ph.D., University of Chicago, 1964

Susan Bernofsky

Associate Professor of Writing in the Faculty of the Arts

B.A., Johns Hopkins University, 1987; M.F.A., Washington University in St. Louis, 1990; Ph.D., Princeton University, 1998

Michael Carlos Best

Assistant Professor of Economics

B.Sc., London School of Economics, 2006; M.Phil., University of Oxford, 2008; Ph.D., London School of Economics, 2014

Rym Bettaieb

Lecturer in Middle Eastern, South Asian, and African Studies

M.A., College of Staten Island, 1999; M.Phil., Drew University, 2007; Ph.D., 2013

Richard K. Betts

Leo A. Schiffrin Professor of War and Peace Studies and Arnold A. Saltzman Professor of War and Peace Studies

A.B., Harvard University, 1969; A.M., 1971; Ph.D., 1975

Jagdish N. Bhagwati

University Professor

B.Com., Bombay University, 1954; Ph.D., Massachusetts Institute of Technology, 1967

Andrew S. Bienen

Associate Professor of Professional Practice in Film in the Faculty of the Arts

M.F.A., Columbia University, 1996

Akeel Bilgrami

Sidney Morgenbesser Professor of Philosophy

B.A., Bombay University, 1970; B.A., University of Oxford, 1974; Ph.D., University of Chicago, 1983

Richard A. Billows

Professor of History

B.A., University of Oxford, 1978; M.A., King's College London, 1979; Ph.D., University of California, Berkeley, 1985

Sarah Rabea Yeslam Bintyeer

Assistant Professor of Middle Eastern, South Asian, and African Studies

Ph.D., SOAS, University of London, 2010

Alison Breton Bishop

Assistant Professor of Computer Science

A.B., Princeton University, 2006; Ph.D., The University of Texas at Austin, 2012

Sandra Black

Professor of Economics

B.A., University of California, Berkeley, 1991; Ph.D., Harvard University, 1997

Elizabeth S. Blackmar

Professor of History

B.A., Smith College, 1972; Ph.D., Harvard University, 1981

Allan Blaer

Professor Emeritus of Physics

Ph.D. Columbia University, 1977

Casey N. Blake

Mendelson Family Professor of American Studies

B.A., Wesleyan University, 1978; M.A., University of Rochester, 1981; Ph.D., 1987

Jose Blanchet Mancilla

Professor of Industrial Engineering and Operations Research and of Statistics

B.Sc., The Instituto Tecnológico Autónomo de México, 2000; M.S., Stanford University, 2001; Ph.D., 2004

David M. Blei

Professor of Statistics and of Computer Science

B.S., Brown University, 1997; Ph.D., University of California, Berkeley, 2004

Walter J. Bock

Professor Emeritus of Biological Sciences

B.S., Cornell University, 1955; A.M., Harvard University, 1957; Ph.D., 1959

Diane Bodart

David Rosand Associate Professor of Italian Renaissance Art History

B.A./M.A., Università la Sapienza (Italy), 1994; Ph.D., École des Hautes Études en Sciences Sociales (France), 2003

Anne D. Bogart

Professor of Theatre Arts in the Faculty of the Arts

M.A., New York University, 1977

Niall P. Bolger

Professor of Psychology

B.A., Trinity College Dublin, 1980; M.S., Cornell University, 1984; Ph.D., 1987

Patrick Bolton

Barbara and David Zalaznick Professor of Business and Professor of Economics

B.A., Institut d'Etudes Politiques de Paris, 1979; B.A., University of Cambridge, 1982; M.Sc., London School of Economics, 1983; Ph.D., 1986

Jason E. Bordoff

Professor of Professional Practice in the Faculty of International and Public Affairs

B.A., Brown University, 1994; M.Litt., University of Oxford, 1998; J.D., Harvard University, 2004

Alexandra Borer

Lecturer in French and Romance Philology

M.A., New York University, 2003; M.Phil., 2007; Ph.D., 2001

Aleksandar Boskovic

Lecturer in Slavic Languages

B.A., University of Belgrade (Serbia), 2003; M.A., 2006; Ph.D., University of Michigan, 2013

Bruno G. Bosteels

Professor of Latin American and Iberian Cultures

B.A., Katholieke Universiteit Leuven, Belgium, 1989; Ph.D., University of Pennsylvania, 1995

Clémence Boulouque

Carl and Bernice Witten Assistant Professor of Jewish and Israel Studies

Ph.D., New York University, 2014

Susan Leslie Boynton

Professor of Music

B.A., Yale University, 1988; M.A., 1991; Diplôme d'études médiévales avec grande distinction, Université Catholique de Louvain (Belgium), 1992; Ph.D., Brandeis University, 1997

Travis E. Bradford

Professor of Professional Practice in the Faculty of International and Public Affairs

B.A., Georgia State University, 1992; M.B.A., New York University, 1996; M.P.A., Harvard University, 2006

Lisbeth Kim Brandt

Associate Professor of East Asian Languages and Cultures

B.A., Smith College, 1984; Ph.D., Columbia University, 1996

Claudia Breger

Villard Professor of German and Comparative Literature

Ph.D., Humboldt University, 1996

Simon A. Brendle

Professor of Mathematics

Diplom., University of Tübingen (Germany), 1999; Ph.D., 2001

Gustaaf H. Brooijmans

Professor of Physics

B.S., Université Catholique de Louvain (Belgium), 1991; M.S., 1994; Ph.D., 1998

Hilary Brougher

Associate Professor of Professional Practice in Film in the Faculty of the Arts

B.A., School of the Visual Arts, 1990

Christopher L. Brown

Professor of History

B.A., Yale University, 1990; D.Phil., University of Oxford, 1994

Louis E. Brus

Samuel Latham Mitchell Professor of Chemistry and Professor of Chemical Engineering

B.S., Rice University, 1965; Ph.D., Columbia University, 1969

Greg L. Bryan

Professor of Astronomy

B.Sc., University of Calgary (Canada), 1989; Ph.D., University of Illinois at Urbana-Champaign, 1996

Matthew E. Buckingham

Associate Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.A., University of Iowa, 1988; M.F.A., Bard College, 1996

J. Chloë Bulinski

Professor of Biological Sciences and of Pathology and Cell Biology

B.A., University of Colorado, 1973; Ph.D., University of Wisconsin, 1980

Richard W. Bulliet

Professor Emeritus of History

A.B., Harvard University, 1962; A.M., 1964; Ph.D., 1967

Harmen J. Bussemaker

Professor of Biological Sciences and Systems Biology

B.A., Utrecht University (Netherlands), 1989; M.Sc., 1991; Ph.D., 1995

C

Angelo Cacciuto

Associate Professor of Chemistry

B.S., University of Cagliari (Italy), 1996; M.S., Syracuse University, 2000; Ph.D., 2002

Christopher J. Caes

Lecturer in Slavic Languages

B.A., Ohio State University, 1993; M.A., 1997; Ph.D., University of California, Berkeley, 2004

James Calleri

Associate Professor of Professional Practice in Theatre Arts in the Faculty of the Arts

B.A., Trinity University; M.F.A., University of California, Irvine, 1990

Charles W. Calomiris

Henry Kaufman Professor of Financial Institutions in the Faculty of Business and Professor of International and Public Affairs

Ph.D., Stanford University, 1985

Guillermo A. Calvo

Professor of International and Public Affairs

M.A., Yale University, 1965; M.Phil., 1967; Ph.D., 1974

Euan Cameron

Professor of Religion

B.A., University of Oxford, 1979; D.Phil., 1982

Luis M. Campos

Associate Professor of Chemistry

Ph.D., University of California, Los Angeles, 2006

Elisheva Carlebach

Salo Wittmayer Baron Professor of Jewish History, Culture, and Society

B.A., Brooklyn College - CUNY, 1976; M.Phil., Columbia University, 1980; Ph.D., 1986

Luca Carloni

Associate Professor of Computer Science

B.S., University of Bologna (Italy), 1995; M.S., University of California, Berkeley, 1997; Ph.D., 2004

Allison Jean Carnegie*Associate Professor of Political Science*

B.A., University of Southern California, 2006; M.Phil., Yale University, 2011; Ph.D., 2014

Alessandra M. Casella*Professor of Economics and Political Science*

B.A., Bocconi University (Italy), 1983; Ph.D., Massachusetts Institute of Technology, 1988

Jose A. Castellanoes-Pazos*Senior Lecturer in Latin American and Iberian Cultures*

M.D., Universidad Veracruzana (Mexico), 1982; M.A., State University of New York at Albany, 1996; M.Phil., New York University, 2007

Jo Ann Cavallo*Professor of Italian*

B.A., Rutgers University, 1981; M.A., Yale University, 1984; Ph.D., 1987

Steven E. Chaikelson*Professor of Professional Practice in the Theatre Arts in the Faculty of the Arts*

J.D., Columbia University, 1993

Augustin Chaintreau*Assistant Professor of Computer Science*

B.Sc., École Normale Supérieure (France), 2001; M.S., Université Pierre-et-Marie-Curie (France), 2002; Ph.D., INRIA-École Normale Supérieure (France), 2006

Martin Chalfie*University Professor*

A.B., Harvard University, 1969; Ph.D., 1976

Douglas A. Chalmers*Professor Emeritus of Political Science*

B.A., Bowdoin College, 1953; M.A., Yale University, 1958; Ph.D., 1962

Paul Thomas Chamberlin*Associate Professor of History*

B.A., Indiana University, 2002; M.A., Ohio State University, 2005; Ph.D., 2009

Shih-Fu Chang*Richard Dicker Professor of Telecommunications and Professor of Computer Science*

B.S., National Taiwan University (Taiwan), 1985; M.S., University of California, Berkeley, 1991; Ph.D., 1993

Lawrence A. Chasin*William R. Kenan, Jr. Professor of Biological Sciences*

B.S., Brown University, 1962; Ph.D., Massachusetts Institute of Technology, 1967

Partha Chatterjee*Professor of Anthropology and of Middle Eastern, South Asian, and African Studies*

B.A., University of Calcutta (India), 1967; M.A., University of Rochester, 1970; Ph.D., 1971

George A. Chauncey*DeWitt Clinton Professor of American History*

B.A., Yale University, 1977; Ph.D., 1989

Hannah R. Chazin*Assistant Professor of Anthropology*

B.A., University of Chicago, 2008; M.A., 2011; Ph.D., 2016

Amy Chazkel*Bernard Hirschhorn Associate Professor of Urban Studies*

B.A., George Washington University, 1991; M.A., Yale University, 1996; Ph.D., 2002

Yeon-Koo Che*Kelvin J. Lancaster Professor of Economic Theory*

B. Economics, Seoul National University, 1984; M.A., University of Toronto, 1986; Ph.D., Stanford University, 1991

Xi Chen*Associate Professor of Computer Science*

B.S., Tsinghua University (China), 2003; Ph.D., 2007

Pierre-André Chiappori*E. Rowan and Barbara Steinschneider Professor of Economics*

M.A., University of Paris, 1975; D.E.A., 1978; Ph.D., 1981

Graciela Chichilnisky*Professor of Economics*

M.A., University of California, Berkeley, 1970; Ph.D., 1971; Ph.D., 1976

Lydia B. Chilton*Assistant Professor of Computer Science*

S.B., Massachusetts Institute of Technology, 2007; M.Eng., 2009; Ph.D., University of Washington, 2015

Norman H. Christ*Ephraim Gildor Professor of Computational Theoretical Physics*

B.A., Columbia University, 1965; Ph.D., 1966

Nicholas Christie-Blick*Professor of Earth and Environmental Sciences*

B.A., University of Cambridge, 1974; M.A., 1978; Ph.D., University of California, Santa Barbara, 1979

Nicholas J. Christopher*Professor of Professional Practice in Writing in the Faculty of the Arts*

A.B., Harvard University, 1973

Eunice Chung*Lecturer in East Asian Languages and Cultures*

B.A., Korea University, 2006; M.A., Columbia University, 2011

Alessandra Ciucci*Assistant Professor of Music*

Diploma in Music, Brooklyn Conservatory of Music, 1998; B.A., Columbia University, 1995; Ph.D., Graduate Center - CUNY, 2008

Richard H. Clarida

C. Lowell Harriss Professor of Economics and Professor of International and Public Affairs

B.S., University of Illinois, 1979; S.M., Harvard University, 1983; Ph.D., 1983

Justin Clarke Doane

Associate Professor of Philosophy

B.A., New College of Florida, 2005; Ph.D., New York University, 2011

John H. Coatsworth

Professor of International Affairs and Public Affairs and of History

B.A., Wesleyan University, 1963; M.A., University of Wisconsin-Madison, 1967; Ph.D., 1972

Edward Coffman

Professor Emeritus of Electrical Engineering and Computer Science

Ph.D., University of California, Los Angeles, 1966

Jean Louise Cohen

Nell and Herbert M. Singer Professor of Contemporary Civilization in the Core Curriculum

B.A., Boston University, 1968; M.A., New School for Social Research, 1972; Ph.D., 1979

Joel E. Cohen

Professor of Earth and Environmental Sciences and of International and Public Affairs

Ph.D., Harvard University, 1970

Myron L. Cohen

Professor of Anthropology

B.A., Columbia University, 1958; M.A., 1963; Ph.D., 1967

Steven Alan Cohen

Professor of Professional Practice in the Faculty of International and Public Affairs

Ph.D., University at Buffalo - SUNY, 1979

Yinon Cohen

Yosef Hayim Yerushalmi Professor of Israel and Jewish Studies

B.A., Hebrew University of Jerusalem, 1978; M.A., Stony Brook - SUNY, 1980; Ph.D., 1983

Zuleyha Colak

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., Istanbul University (Turkey), 1998; M.A., Marmara University (Turkey), 2000; M.A., Indiana University, 2004; Ph.D., 2010

Brian A. Cole

Professor of Physics

B.S., Massachusetts Institute of Technology, 1985; Ph.D., 1992

Jonathan R. Cole

John Mitchell Mason Professor of the University

Ph.D., Columbia University, 1969

Michael Cole

Professor of Art History and Archaeology

B.A., Williams College, 1991; M.A., Princeton University, 1995; Ph.D., 1999

Sarah Cole

Parr Professor of English and Comparative Literature

B.A., Williams College, 1989; Ph.D., University of California, Berkeley, 1997

Charly J. Coleman

Associate Professor of History

B.A., Trinity University, 1998; Ph.D., Stanford University, 2005

John D. Collins

Associate Professor of Philosophy

B.A., University of Sydney (Australia), 1982; Ph.D., Princeton University, 1991

Michael J. Collins

Vikram S. Pandit Professor of Computer Science

B.A., University of Cambridge, 1992; M.Phil., 1993; Ph.D., University of Pennsylvania, 1999

Juan Pablo Cominguez

Lecturer in Latin American and Iberian Cultures

B.A., Universidad Nacional de Buenos Aires (Argentina), 2005; M.A., Rutgers University, 2012; Ph.D., 2016

Roisin Commame

Assistant Professor of Earth and Environmental Sciences

B.Sc. University College Dublin, 2003; Ph.D., University of Leeds (U.K.), 2009

Michael I. Como

Toshu Fukami Associate Professor of Shinto Studies

A.B., Harvard University, 1985; Ph.D., Stanford University, 2000

Antoine Marcel Compagnon

Blanche W. Knopf Professor of French and Comparative Literature

Docteur ès Lettres, Paris Diderot University, 1985

Matthew J. Connelly

Professor of History

B.A., Columbia University, 1990; Ph.D., Yale University, 1997

Kathleen McKeown Cooper

Henry and Gertrude Rothschild Professor of Computer Science

Ph.D., University of Pennsylvania, 1982

Marina Cords

Professor of Ecology, Evolution, and Environmental Biology and of Anthropology

B.S., Yale University, 1978; Ph.D., University of California, Berkeley, 1984

Virginia W. Cornish

Helena Rubinstein Professor of Chemistry

B.A., Columbia University, 1991; Ph.D., University of California, Berkeley, 1996

Daniel M. Corstange

Associate Professor of Political Science and of International and Public Affairs

B.A., Northwestern University, 2000; Ph.D., University of Michigan, 2008

Ivan Z. Corwin

Professor of Mathematics

A.B., Harvard University, 2006; Ph.D., Courant Institute, New York University, 2011

Angelina Craig-Florez

Senior Lecturer in Latin American and Iberian Cultures

B.A., Fordham University, 1989; M.A., Columbia University, 1991; M.Phil., 1995; Ph.D., 2002

Jonathan K. Crary

Meyer Schapiro Professor of Modern Art and Theory

B.A., Columbia University, 1975; M.A., 1978; Ph.D., 1987

Julie A. Crawford

Mark Van Doren Professor of Humanities; Paul Brooke Program Chair for Literature and Humanities

B.A., McGill University (Canada), 1990; Ph.D., University of Pennsylvania, 1998

Pascale F. Crepon

Lecturer in French and Romance Philology

M.A., University of Lausanne (Switzerland), 1998; M.A., University of Minnesota, 2002; Ph.D., 2009

Zoë Crossland

Associate Professor of Anthropology

B.A., University of Cambridge, 1993; M.A., Michigan State University, 1995; Ph.D., University of Michigan, 2001

Denise Cruz

Associate Professor of English and Comparative Literature

Ph.D., University of California, Los Angeles, 2007

John P. Cunningham

Associate Professor of Statistics

B.A., Dartmouth College, 2002; M.S., Stanford University, 2006; Ph.D., 2009

Gerald Leon Curtis

Burgess Professor of Political Science

B.A., University of New Mexico, 1962; M.A., Columbia University, 1964; Ph.D., 1969

D

Hamid Dabashi

Hagop Kevorkian Professor of Iranian Studies

B.A., University of Tehran, 1976; M.A., University of Pennsylvania, 1981; Ph.D., 1984

Patricia A. Dailey

Associate Professor of English and Comparative Literature

B.A., Sarah Lawrence College, 1988; M.A., University of California, Irvine, 1993; Ph.D., 2002

Terence N. D'Altroy

Louhat Professor of American Archaeology

B.A., University of Michigan, 1972; M.A., University of California, Los Angeles, 1975; Ph.D., 1981

Lisa Allyn Dale

Lecturer in the Discipline of Ecology, Evolution and Environmental Biology

B.A., Cornell University, 1991; M.A., Regis University, 1997; Ph.D., Colorado State University, 2003

Sarah Zukerman Daly

Assistant Professor of Political Science

B.A., Stanford University, 2002; M.S., London School of Economics, 2004; Ph.D., Massachusetts Institute of Technology, 2011

Nicholas J. Dames

Theodore Kahan Professor of Humanities

B.A., Washington University in St. Louis, 1992; Ph.D., Harvard University, 1998

Tri Vi Dang

Lecturer in Economics

B.A., University of Frankfurt (Germany), 1996; M.A., 1998; Ph.D., University of Mannheim (Germany), 2005

E. Valentine Daniel

Professor of Anthropology

B.A., Amherst College, 1971; M.A., University of Chicago, 1973; Ph.D., 1979

Samuel J. Danishefsky

Centennial Professor Emeritus of Chemistry

B.S., Yeshiva University, 1956; Ph.D., Harvard University, 1962

Panagiota Daskalopoulos

Professor of Mathematics

B.A., National and Kapodistrian University of Athens, 1986; Ph.D., University of Chicago, 1992

Jeremy A. Dauber

Atran Professor of Yiddish Language, Literature, and Culture

A.B., Harvard University, 1995; Ph.D., University of Oxford, 1999

Lila Davachi

Professor of Psychology

B.A., Barnard College, 1992; Ph.D., Yale University, 1999

Jenny M. Davidson

Professor of English and Comparative Literature

B.A., Radcliffe College, 1993; Ph.D., Yale University, 1999

Donald R. Davis

Ragnar Nurske Professor of Economics

B.A., University of California, Berkeley, 1981; M.A., Columbia University, 1989; Ph.D., 1992

Richard A. Davis

Howard Levene Professor of Statistics

B.A., University of California, San Diego, 1974; Ph.D., 1979

Francesco de Angelis

Professor of Art History and Archaeology

Ph.D., Scuola Normale Superiore (Italy), 2003

Victoria De Grazia

Moore Collegiate Professor of History

B.A., Smith College, 1968; Ph.D., Columbia University, 1976

Aise Johan de Jong

Professor of Mathematics

B.S., Leiden University (Netherlands), 1987; Ph.D., Radboud University Nijmegen (Netherlands), 1992

Rodolfo O. de la Garza

Eaton Professor of Administrative Law and Municipal Science and Professor of International and Public Affairs

B.S., University of Arizona, 1964; B.F.T., American Institute of Foreign Trade, 1965; M.A., University of Arizona, 1967; Ph.D., 1972

Victor H. de la Peña

Professor of Statistics

B.S., University of Texas at El Paso, 1981; M.A., University of California, Berkeley, 1984; Ph.D., 1988

Cory R. Dean

Associate Professor of Physics

B.Sc., Queen's University (Canada), 2000; B.Sc., 2001; M.Sc., 2004; Ph.D., McGill University (Canada), 2009

Mark Dean

Associate Professor of Economics

B.A., University of Cambridge, 1999; M.Sc., University College London, 2000; Ph.D., New York University, 2009

Ruth S. DeFries

University Professor

B.A., Washington University in St. Louis, 1976; Ph.D., Johns Hopkins University, 1980

Wijnie E. De Groot

Senior Lecturer in Germanic Languages

M.A., University of Amsterdam (Netherlands), 1982; M.A., 1985

Vidya J. Dehejia

Barbara Stoler Miller Professor of Indian and South Asian Art in the Department of Art History and Archaeology

B.A., St. Xavier's College, Bombay University, 1961; B.A., University of Cambridge, 1963; M.A., 1967; Ph.D., 1967

Andrew Delbanco

Alexander Hamilton Professor of American Studies and Julian Clarence Levi Professor in the Humanities

A.B., Harvard University, 1973; A.M., 1976; Ph.D., 1980

Milan Delor

Assistant Professor of Chemistry

Ph.D., University of Sheffield (England), 2014

Peter B. deMenocal

Thomas Alva Edison/Con Edison Professor of Earth and Environmental Sciences

B.S., St. Lawrence University, 1982; M.S., University of Rhode Island, 1986; Ph.D., Columbia University, 1991

Frederik M. Deneff

Professor of Physics

Ph.D., KU Leuven (Belgium), 1999

Glenn L. Denning

Professor of Professional Practice in the Faculty of International and Public Affairs

Ph.D., University of Reading (Berkshire), 1985

Padma B. Desai

Gladys and Roland Harriman Professor Emerita of Comparative Economic Systems

B.A., University of Bombay, 1951; M.A., 1953; Ph.D., Harvard University, 1960

Ira J. Deutchman

Professor of Professional Practice in Film in the Faculty of the Arts

B.S., Northwestern University, 1975

Phoebus J. Dhrymes

Edwin P. Rickert Professor Emeritus of Economics

B.A., University of Texas, 1957; Ph.D., Massachusetts Institute of Technology, 1961

Sophia C. Di Castri

Francis Goelet Assistant Professor of Music Composition

M.A., Columbia University, 2010; D.M.A., 2014

Souleymane Bachir Diagne

Professor of French and Romance Philology

B.A., University of Sorbonne, Paris, 1977; Ph.D., 1988

Margaret K. Dieckmann

Professor of Professional Practice in Film in the Faculty of the Arts

M.A., New York University, 1986

Lars Dietrich

Associate Professor of Biological Sciences

B.A., University of Konstanz (Germany), 2000; Ph.D., Heidelberg University (Germany), 2004

David N. Dinkins

Professor of International and Public Affairs

LL.B., Brooklyn College - CUNY, 1956

Mamadou Diouf

Leitner Family Professor of African Studies

B.A., University of Paris-Sorbonne, 1975; Ph.D., 1981

Thomas A. DiPrete*Giddings Professor of Sociology*

B.S., Massachusetts Institute of Technology, 1972; M.A., Columbia University, 1975; Ph.D., 1978

Maria Diuk-Wasser*Associate Professor of Ecology, Evolution, and Environmental Biology*

B.A., Universidad de Buenos Aires, 1996; Ph.D., University of California, Los Angeles, 2003

Madeleine Dobie*Professor of French and Romance Philology*

B.A., University of Oxford, 1988; M.A., Yale University, 1991; Ph.D., 1994

Jeremy R. Dodd*Senior Lecturer in Physics*

B.S., University of Edinburgh (United Kingdom), 1985; Ph.D., University College London, 1990

Thomas W. Dodman*Assistant Professor of French and Romance Philology*

B.A., University College London, 2001; M.A., 2002; Ph.D., University of Chicago, 2011

Julia Doe*Assistant Professor of Music*

B.A., Whitman College, 2006; M.A., Yale University, 2010; Ph.D., 2013

Timothy B. Donnelly*Associate Professor of Writing in the Faculty of the Arts*

M.F.A., Columbia University, 1998

Gary Dorrien*Professor of Religion*

Ph.D., Union Graduate School, 1989

Michael W. Doyle*University Professor*

A.B., Harvard University, 1970; Ph.D., 1977

Geraldine Downey*Niven Professor of Human Letters*

B.S., University College Dublin, 1979; M.A., Cornell University, 1983; Ph.D., 1986

Andres Pablo Drenik*Assistant Professor of Economics*

B.A., Universidad de San Andrés, 2006; M.A., 2007; Ph.D., Stanford University, 2016

Julien Dubedat*Associate Professor of Mathematics*

Ph.D., University of Paris-Sud, 2004

Joseph P. Dubiel*Professor of Music*

A.B., Princeton University, 1974; M.F.A., 1976; Ph.D., 1980

Hugh W. Ducklow*Professor of Earth and Environmental Sciences*

A.B., Harvard University, 1972; S.M., 1974; Ph.D., 1977

Prajit Kumar Dutta*Professor of Economics*

B.A., St. Stephen's College (India), 1980; M.A., Delhi School of Economics, 1982; M.A., Cornell University, 1985; Ph.D., 1987

Laura Duvall*Assistant Professor of Biological Sciences*

B.A., University of Pennsylvania, 2007; Ph.D., Washington University in St. Louis, 2012

Sonya T. Dyhrman*Professor of Earth and Environmental Sciences*

B.A., Dartmouth College, 1994; Ph.D., University of California, San Diego, 1999

E**Deren Eaton***Assistant Professor of Ecology, Evolution, and Environmental Biology*

B.Sc., University of Minnesota, 2007; Ph.D., University of Chicago, 2014

Kathy Hannah Eden*Chavkin Family Professor of English Literature and Professor of Classics*

B.A., Smith College, 1974; Ph.D., Stanford University, 1980

Lena Edlund*Associate Professor of Economics*

B.A., Stockholm School of Economics, 1989; Ph.D., 1996

Brent Hayes Edwards*Professor of English and Comparative Literature*

B.A., Yale University, 1990; M.A., Columbia University, 1992; Ph.D., 1998

Stephen A. Edwards*Associate Professor of Computer Science*

B.S., California Institute of Technology, 1992; M.S., University of California, Berkeley, 1994; Ph.D., 1997

Shigeru Eguchi*Senior Lecturer in East Asian Languages and Cultures*

B.A., Ibaraki University (Japan), 1989; M.A., University of Iowa, 1994

William B. Eimicke*Professor of Professional Practice in the Faculty of International and Public Affairs*

Ph.D., Syracuse University, 1973

Gregory M. Eirich*Lecturer in Sociology*

B.A., Fordham University, 2000; M.A., Columbia University, 2005; M.Phil., 2006; Ph.D., 2010

Deborah E. Eisenberg*Professor of Writing in the Faculty of the Arts*

B.A., Marlboro College, 1969

Peter M. Eisenberger

Professor of Earth and Environmental Sciences

A.B., Princeton University, 1963; Ph.D., Harvard University, 1967

Kenneth B. Eisenthal

Mark Hyman Professor of Chemistry

B.S., Brooklyn College, 1954; Ph.D., Harvard University, 1959

Goran Ekstrom

Professor of Earth and Environmental Sciences

B.A., Swarthmore College, 1981; Ph.D., Harvard University, 1987

Wafaa El-Sadr

University Professor

M.D., Cairo University, 1974; M.P.H., Columbia University, 1991; M.P.A., Harvard University, 1996

Noam M. Elcott

Associate Professor of Art History and Archaeology

B.A., Columbia University, 2000; M.A., Princeton University, 2004; Ph.D., 2008

William A. Ellis

Professor of Professional Practice in Film in the Faculty of the Arts

B.A., Stanford University, 1984

Susan Elmes

Andrew Barth Senior Lecturer in the Discipline of Economics

B.A., New York University, 1984; Ph.D., Princeton University, 1991

Marwa Elshakry

Associate Professor of History

B.A., Rutgers University, 1995; M.A., Princeton University, 1997; Ph.D., 2003

Jon Elster

Robert K. Merton Professor of the Social Sciences

M.A., University of Oslo, 1966; Ph.D., University of Paris, 1972

Matthew Engelke

Professor of Religion

Ph.D., University of Virginia, 2002

Seyhan Erden

Lecturer in Economics

B.A., Bogazici University (Turkey), 1984; M.B.A., New Hampshire College, 1985; M.A., University of Wisconsin-Milwaukee, 1988; Ph.D., 1993

Robert S. Erikson

Professor of Political Science

B.A., Lake Forest College, 1963; M.A., University of Illinois, 1966; Ph.D., 1969

Yaniv Erlich

Assistant Professor of Computer Science

B.S., Tel Aviv University, 2006; Ph.D., Cold Spring Harbor Laboratory, 2010

Catherine Evtuhov

Professor of History

A.B., Harvard University, 1981; D.E.A., Institut d'Etudes Politiques, Paris, 1983; M.A., University of California, Berkeley, 1985; Ph.D., 1991

Katherine Ewing

Professor of Religion

B.A., Tufts University, 1971; M.A., Boston University, 1973; Ph.D., University of Chicago, 1980

Gil Eyal

Professor of Sociology

B.A., Tel Aviv University, 1989; M.A., 1991; M.A., University of California, Los Angeles, 1992; Ph.D., 1997

F

Reem Faraj-Kanjawi

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., Damascus University (Syria), 1993; M.A., Montclair State University, 2006

Hannah A. Farber

Assistant Professor of History

B.A., Yale University, 2005; M.A., University of California, Berkeley, 2010; Ph.D., 2014

Bernard R. Faure

Kao Professor of Japanese Religions

Ph.D., University of Paris, 1984

Steven K. Feiner

Professor of Computer Science

B.A., Brown University, 1973; Ph.D., 1987

Kevin A. Fellezs

Associate Professor of Music

B.A., San Francisco State, 1998; M.A., 2000; Ph.D., University of California, Santa Cruz, 2004

Maria Q. Feng

Rewick Professor of Civil Engineering

B.S., Southeast University (China), 1982; M.S., University of Electro-Communications (Japan), 1987; Ph.D., University of Tokyo (Japan), 1992

Yang Feng

Associate Professor of Statistics

B.S., University of Science and Technology of China (China), 2006; M.S., Princeton University, 2008; Ph.D., 2010

Catherine Fennell

Associate Professor of Anthropology

B.S., Georgetown University, 1999; M.A., University of Chicago, 2003; Ph.D., 2009

Priscilla P. Ferguson

Professor Emerita of Sociology

B.A., Mount Holyoke College, 1962; M.A., Columbia University, 1964; Ph.D., 1967

Julio M. Fernandez*Professor of Biological Sciences*

Licenciate, University of Chile, 1977; Ph.D., University of California, Los Angeles, 1982

Peter Jay Fernandez*Assistant Professor of Theatre Arts in the Faculty of the Arts*

B.F.A., Boston University

Ana M. Fernandez-Cebrian*Assistant Professor of Latin American and Iberian Cultures*

B.A., Universidad de Zaragoza (Spain), 2000; M.A., Princeton University, 2013; Ph.D., 2017

Barbara J. Fields*Professor of History*

A.B., Harvard University, 1968; A.M., Yale University, 1972; Ph.D., 1978

Ronald E. Findlay*Ragnar Nurkse Professor Emeritus of Economics*

B.A., University of Rangoon (Burma), 1954; Ph.D., Massachusetts Institute of Technology, 1960

Arlene Fiore*Professor of Earth and Environmental Sciences*

A.B., Harvard University, 1997; Ph.D., 2003

Stuart J. Firestein*Professor of Biological Sciences*

B.S., San Francisco State University, 1983; Ph.D., University of California, Berkeley, 1988

Albert Fishlow*Professor Emeritus of International and Public Affairs*

Ph.D., Harvard University, 1963

George W. Flynn*Higgins Professor Emeritus of Chemistry and Professor Emeritus of Chemical Engineering*

B.S., Yale University, 1960; A.M., Harvard University, 1962; Ph.D., 1965

Marcus Folch*Associate Professor of Classics*

B.A., Cornell University, 2000; Ph.D., Stanford University, 2006

Eric Foner*DeWitt Clinton Professor of History*

B.A., Columbia University, 1963; B.A., University of Oxford, 1965; Ph.D., Columbia University, 1969

Pierre Force*Professor of French and Romance Philology*

Ph.D., University of Paris-Sorbonne, 1987

Richard C. Ford*Emmanuel Roman and Barrie Sardoff Roman Professor of the Humanities*

B.A., Michigan State University, 1966; M.F.A., University of California, Irvine, 1970

V. Page Fortna*Harold Brown Professor of U.S. Foreign and Security Policy*

B.A., Wesleyan University, 1990; A.M., Harvard University, 1995; Ph.D., 1998

Aaron Andrew Fox*Associate Professor of Music*

A.B., Harvard University, 1988; Ph.D., University of Texas at Austin, 1995

Katherine T. Fox-Glassman*Lecturer in Psychology*

B.A., Harvard University, 2005; M.A., M.Phil., Columbia University, 2012; Ph.D., 2015

Joachim Frank*Professor of Biochemistry and Molecular Biophysics and of Biological Sciences*

Ph.D., Technische Universität München (Germany), 1970

Carmela V. Franklin*Professor of Classics*

B.A., Radcliffe College, 1971; Ph.D., Harvard University, 1977

Federica Franze*Senior Lecturer in Italian*

B.A., University of Urbino (Italy), 1999; M.A., Rutgers University, 2003; M.A., 2009; Ph.D., 2009

David A. Freedberg*Pierre Matisse Professor of Art History*

B.A., Yale University, 1969; Ph.D., University of Oxford, 1973

Robert David Friedman*Professor of Mathematics*

A.B., Harvard University, 1976; Ph.D., 1981

Richard A. Friesner*William P. Schweitzer Professor of Chemistry*

B.S., University of Chicago, 1973; Ph.D., University of California, Berkeley, 1979

Walter M. Frisch*H. Harold Gumm/Harry and Albert von Tilzer Professor of Music*

B.A., Yale University, 1973; M.A., University of California, Berkeley, 1977; Ph.D., 1981

Timothy M. Frye*Marshall D. Shulman Professor of Post-Soviet Foreign Policy*

B.A., Middlebury College, 1986; M.I.A., Columbia University, 1991; Ph.D., 1997

Ester Fuchs*Professor of International and Public Affairs*

Ph.D., University of Chicago, 1984

Melissa Fusco*Assistant Professor of Philosophy*

B.A., Stanford University, 2006; Ph.D., University of California, Berkeley, 2015

G**Aubrey Gabel***Associate Professor of French and Romance Philology*

M.A., University of Colorado Boulder, 2009; Ph.D., University of California, Berkeley, 2016

Haim Gaifman*Professor of Philosophy*

M.Sc., Hebrew University of Jerusalem, 1958; Ph.D., University of California, Berkeley, 1962

Jane M. Gaines*Professor of Film in the Faculty of the Arts*

B.S., Northwestern University, 1975; M.A., 1977, Ph.D., 1982

Meredith Jane Gamer*Assistant Professor of Art History and Archaeology*

Ph.D., Yale University, 2015

Bradford G. Garton*Professor of Music*

B.S., Purdue University, 1979; M.F.A., Princeton University, 1985; Ph.D., 1989

Roxana Geambasu*Associate Professor of Computer Science*

B.S., Polytechnic University of Bucharest (Romania), 2005; M.S., University of Washington, 2007; Ph.D., 2011

Andrew E. Gelman*Higgins Professor of Statistics and Professor of Political Science*

S.B., Massachusetts Institute of Technology, 1986; A.M., Harvard University, 1987; Ph.D., 1990

Giuseppe Gerbino*Associate Professor of Music*

M.A., Duke University, 1996; Ph.D., 2001

Anna Ghurbanyan*Associate in Chemistry*

B.S., Northern Arizona University, 2004; M.S., 2007

Carol Gluck*George Sansom Professor of History and Professor of East Asian Languages and Cultures*

B.A., Wellesley College, 1962; M.A., Columbia University, 1970; Ph.D., 1977

Lydia D. Goehr*Professor of Philosophy*

B.A., Manchester University (U.K.), 1982; Ph.D., University of Cambridge, 1987

Dorian Goldfeld*Professor of Mathematics*

B.S., Columbia University, 1967; Ph.D., 1969

Steven L. Goldstein*Higgins Professor of Earth and Environmental Sciences*

B.A., Columbia University, 1976; A.M., Harvard University, 1978; M.Phil, Columbia University, 1981; Ph.D., 1986

Michael Bernhard Golston*Professor of English and Comparative Literature*

B.A., University of New Mexico, 1979; M.A., University of California, Berkeley, 1989; Ph.D., Stanford University, 1998

Mattieu Gomez*Assistant Professor of Economics*

B.S., École Polytechnique (France), 2010; M.Sc. Paris School of Economics and ENSAE, 2011; Ph.D., Princeton University, 2017

Adela J. Gondek*Lecturer in the Discipline of Ecology, Evolution and Environmental Biology*

B.A., Goucher College, 1970; Ph.D., Harvard University, 1981

Ruben L. Gonzalez*Professor of Chemistry*

B.S., Florida International University, 1995; Ph.D., University of California, Berkeley, 2000

Robert J. Gooding-Williams*M. Moran Weston/Black Alumni Council Professor of African-American Studies*

B.A., Yale University, 1975; Ph.D., 1982

Arnold L. Gordon*Professor of Earth and Environmental Sciences*

B.A., Herbert Lehman College - CUNY, 1961; Ph.D., Columbia University, 1965

Bette R. Gordon*Professor of Professional Practice in Film in the Faculty of the Arts*

M.F.A., University of Wisconsin-Madison, 1976

Emilien Guoin-Bonenfant*Assistant Professor Economics*

B.Sc., Université de Montréal, 2013; M.A., University of California San Diego, 2019; Ph.D., University of California San Diego, 2019

Stathis Gourgouris*Professor of Classics and of English and Comparative Literature*

B.A., University of California, Los Angeles, 1981; M.A., 1984; Ph.D., 1990

Maria Luisa Gozzi*Senior Lecturer in Italian*

B.A., University of Florence (Italy), 1986; Ph.D., Rutgers University, 1996; M.A., Columbia University, 2012

Norma V. Graham*Centennial Professor of Psychology*

B.S., Stanford University, 1966; Ph.D., University of Pennsylvania, 1970

Thomas Austin Graham

Associate Professor of English and Comparative Literature
B.A., University of Virginia, 2000; Ph.D., University of California, Los Angeles, 2010

Luis A. Gravano

Professor of Computer Science
B.S., National University of Lujan (Argentina), 1990; M.S., Stanford University, 1994; Ph.D., 1997

Erik I. Gray

Professor of English and Comparative Literature
B.A., University of Cambridge, 1994; M.A., Princeton University, 1997; Ph.D., 2000

Donald P. Green

Burgess Professor of Political Science
B.A., University of California, Los Angeles, 1983; M.A., University of California, Berkeley, 1984; Ph.D., 1988

R. Kent Greenawalt

University Professor
A.B., Swarthmore College, 1958; B.Phil., University of Oxford, 1960; LL.B., Columbia University, 1963

Brian Greene

Professor of Mathematics and of Physics
A.B., Harvard University, 1984; D.Phil., University of Oxford, 1987

Iva Greenwald

Professor of Biochemistry and Molecular Biophysics and Genetics and Development
Ph.D., Massachusetts Institute of Technology, 1982

Steven Gregory

Professor of Anthropology
B.F.A., Pratt Institute, 1976; M.S., 1978; M.A., New School for Social Research, 1982; Ph.D., 1986

Patricia E. Grieve

Nancy and Jeffrey Marcus Professor of the Humanities
B.A., Purdue University, 1975; M.A., 1977; Ph.D., Princeton University, 1983

Farah Jasmine Griffin

William B. Ransford Professor of English and Comparative Literature and African-American Studies
A.B., Harvard University, 1985; Ph.D., Yale University, 1992

Kevin L. Griffin

Professor of Earth and Environmental Sciences and of Ecology, Evolution, and Environmental Biology
B.A., Whittier College, 1985; M.E.S., Yale University, 1987; Ph.D., Duke University, 1994

Eitan Grinspun

Associate Professor of Computer Science

B.A., University of Toronto, 1997; M.S., California Institute of Technology, 2000; Ph.D., 2003

Jonathan L. Gross

Professor of Computer Science and of Statistics
B.S., Massachusetts Institute of Technology, 1964; M.A., Dartmouth College, 1966; Ph.D., 1968

Sunil K. Gulati

Michael K. Dakolias Senior Lecturer in the Discipline of Economics
B.A., Bucknell University, 1981; M.A., Columbia University, 1983

Frank A. Guridy

Associate Professor of History
B.A., Syracuse University, 1993; M.A., University of Illinois at Chicago, 1996; Ph.D., University of Michigan, Ann Arbor, 2002

Miklos Gyulassy

Professor of Physics
B.A., University of California, Berkeley, 1970; Ph.D., 1974

H

Georg Friedrich Haas

Mac Dowell Professor of Music
Diploma in Composition, Hochschule für Musik (Austria), 1979

Charles J. Hailey

Pupin Professor of Physics
B.A., Cornell University, 1977; Ph.D., Columbia University, 1983

Zoltan Haiman

Professor of Astronomy
B.S., Massachusetts Institute of Technology, 1993; A.M., Harvard University, 1994; Ph.D., 1998

Jack Halberstam

Professor of English and Comparative Literature
B.A., University of California, Berkeley, 1985; M.A., University of Minnesota, 1989; Ph.D., University of Minnesota, 1991

Wael Hallaq

Avalon Foundation Professor in the Humanities
B.A., University of Haifa (Israel), 1978; M.A., University of Washington, 1979; Ph.D., 1983

Hilary Anne Hallett

Associate Professor of History
B.F.A., New York University, 1990; Ph.D., Graduate Center - CUNY, 2005

Alexander Halliday

Professor of Earth and Environmental Sciences
Ph.D., Newcastle University (U.K.), 1977

Jules Paul Halpern

Professor of Astronomy
S.B., Massachusetts Institute of Technology, 1976; A.M., Harvard University, 1978; Ph.D., 1982

Richard S. Hamilton*Davies Professor of Mathematics*

B.A., Yale University, 1963; Ph.D., Princeton University, 1966

Sarah Hansen*Senior Lecturer in Chemistry*

B.A., Earlham College, 2001; M.A., Columbia University, 2009; Ph.D., 2014

Naama Harel*Lecturer in Middle Eastern, South Asian, and African Studies*

B.A., Tel Aviv University (Israel), 1999; M.A., 2004; Ph.D., University of Haifa (Israel), 2010

Fredrick C. Harris*Professor of Political Science*

B.A., University of Georgia, 1985; M.A., Northwestern University, 1988; Ph.D., 1994

Michael Harris*Professor of Mathematics*

A.B., Princeton University, 1973; A.M., Harvard University, 1976; Ph.D., 1977

Phyllis Harris*Associate Professor of Professional Practice in the Faculty of the Arts*

B.A., Bennington College, 1961

Robert E. Harrist, Jr.*Jane and Leopold Swergold Professor of Chinese Art History*

B.S., Indiana University, 1975; M.A., 1978; M.A., Columbia University, 1980; Ph.D., Princeton University, 1989

Carl Hart*Dirk Ziff Professor of Psychology (in Psychiatry)*

B.S., University of Maryland, 1991; M.S., University of Wyoming, 1994; Ph.D., 1996

Matthew Hart*Associate Professor of English and Comparative Literature*

M.A. (Hons.), University of Edinburgh (U.K.), 1996; M.A., University of Sussex (U.K.), 1997; Ph.D., University of Pennsylvania, 2004

Saidiya V. Hartman*Professor of English and Comparative Literature*

B.A., Wesleyan University, 1984; Ph.D., Yale University, 1992

Christopher W. Harwood*Lecturer in Slavic Languages*

B.A., Columbia University, 1990; M.A., 1992; M.Phil., 1995; Ph.D., 2000

Tulle I. Hazelrigg*Professor of Biological Sciences*

B.A., Oberlin College, 1971; Ph.D., Indiana University, 1982

Claire Elise Hazen*Senior Lecturer in Biological Sciences*

B.A., Colorado College, 1967

Geoffrey M. Heal*Donald C. Waitte III Professor of Social Enterprise in the Faculty of Business and Professor of International and Public Affairs*

B.A., University of Cambridge, 1966; M.A., 1968; Ph.D., 1968

Alice Hecklen*Senior Lecturer in Biological Sciences*

B.A., Penn State University, 1988; M.S., Tel Aviv University (Israel), 1991; Ph.D., Weizmann Institute of Science (Israel), 2000

Larisa A. Heiphetz*Assistant Professor of Psychology*

B.A., Pennsylvania State University, 2008; A.M., Harvard University, 2010; Ph.D., 2013

David John Helfand*Professor of Astronomy*

B.A., Amherst College, 1973; M.S., University of Massachusetts, 1973; Ph.D., 1977

Sidney R. Hemming*Professor of Earth and Environmental Sciences*

B.S., Midwestern University, 1983; M.S., Tulane University, 1986; Ph.D., Stony Brook University - SUNY, 1994

Wayne A. Hendrickson*University Professor*

B.A., University of Wisconsin-River Falls, 1963; Ph.D., Johns Hopkins University, 1968

Alexander W. Hertel-Fernandez*Assistant Professor of International and Public Affairs*

B.A., Northwestern University, 2008; Ph.D., Harvard University, 2016

Henry S. Hess*Professor of Biomedical Engineering*

B.S., Technische Universität Clausthal (Germany), 1993; M.S., Technische Universität Berlin, 1996; Ph.D., Freie Universität Berlin, 1999

E. Tory Higgins*Stanley Schachter Professor of Psychology and Professor of Business*

B.A., McGill University (Canada), 1967; M.A., London School of Economics and Political Science, 1968; Ph.D., Columbia University, 1973

Takako Hikotani*Gerald L. Curtis Associate Professor of Modern Japanese Politics and Foreign Policy in the Department of Political Science*

A.M., Stanford University, 1992; Ph.D., Columbia University, 2014

Elizabeth M.C. Hillman*Associate Professor of Biomedical Engineering and of Radiology (Physics)*

M.Sc., University College London, 1998; Ph.D., 2002

Shigeo Hirano

Professor of Political Science

A.B., Harvard University, 1994; Ph.D., 2003

Marianne Hirsch

William Peterfield Trent Professor of English

B.A., Brown University, 1970; Ph.D., 1975

Julia Bell Hirschberg

Percy K. and Vida L. W. Hudson Professor of Computer Science

B.A., Eckert College, 1968; Ph.D., University of Michigan, Ann Arbor, 1976; MSEE, University of Pennsylvania, 1982; Ph.D., 1985

Ellie M. Hisama

Professor of Music

B.A., University of Chicago, 1987; M.A., Graduate Center - CUNY, 1992; Ph.D., 1996

Oliver Hobert

Professor of Biological Sciences and Systems Biology

Ph.D. Planck Institute (Germany) 1995

Gil Hochberg

Ransford Professor of Hebrew, Comparative Literature and Middle Eastern Studies

Ph.D., University of California, Berkeley, 2002

Baerbel Hoenisch

Professor of Earth and Environmental Sciences

Vordipl., Bielefeld University (Germany), 1995; Dipl., University of Bremen (Germany), 1999; Ph.D., 2002

Ralph L. Holloway

Professor of Anthropology

B.S., University of New Mexico, 1959; Ph.D., University of California, Berkeley, 1964

Heidi L. Holst-Knudsen

Senior Lecturer in French and Romance Philology

B.A., Connecticut College, 1987; M.A., Columbia University, 1993; Ph.D., 2001

Saeed Honarmand

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., University of Isfahan (Iran), 1980; M.A., Ohio State University, 2004; Ph.D., 2011

Harrison G. Hong

John R. Eckel Jr. Professor of Financial Economics

B.A., University of California, Berkeley, 1992; Ph.D., Massachusetts Institute of Technology, 1997

Axel Honneth

Jack B. Weinstein Professor of the Humanities

Ph.D., Freie Universität Berlin, 1982

Donald C. Hood

James F. Bender Professor in Psychology and Professor of Ophthalmic Sciences (in Ophthalmology)

B.A., Harpur College of Arts and Sciences - SUNY, 1965; M.S., Brown University, 1968; Ph.D., 1970

Jean E. Howard

George Delacorte Professor in the Humanities

B.A., Brown University, 1970; M.Phil., University of London, 1972; Ph.D., Yale University, 1975

Martha C. Howell

Miriam Champion Professor of History

B.S., Georgetown University, 1966; M.A., Columbia University, 1974; Ph.D., 1979

Joseph A. Howley

Associate Professor of Classics

B.A., University of Maryland, Baltimore County, 2006; M.Litt., University of St. Andrews (Scotland), 2007; Ph.D., 2011

Daniel J. Hsu

Assistant Professor of Computer Science

B.S., University of California, Berkeley, 2004; M.S., University of California, San Diego, 2007; Ph.D., 2010

Lingjun Hu

Lecturer in East Asian Languages and Cultures

B.A., Xi'an Foreign Language University (China), 2000; M.A., Ohio State University, 2003; M.A., Columbia University, 2018

Ruimeng Hu

Assistant Professor of Statistics

B.S., Peking University (China), 2012; M.A., University of California, Santa Barbara, 2014; Ph.D., 2018

Harrison Huang

Assistant Professor of East Asian Languages and Cultures

Ph.D., University of California, Berkeley, 2010

Ana Paula da Silva Huback

Lecturer in Latin American and Iberian Cultures

B.A., Faculdade de Filosofia Santa Doroteia (Brazil), 1997; M.A., Universidade Federal de Minas Gerais (Brazil), 2003; Ph.D., Universidade Federal de Minas Gerais and University of New Mexico, 2007

Robert Glenn Hubbard

Russell L. Carson Professor of Finance and Professor of Economics

B.A., University of Central Florida, 1979; B.S., 1979; A.M., Harvard University, 1981; Ph.D., 1983

John D. Huber

Professor of Political Science

B.A., Lawrence University, 1984; M.A., University of Rochester, 1989; Ph.D., 1991

Pascale Hubert-Leibler

Senior Lecturer in French and Romance Philology

B.A., University of Paris III (France), 1979; M.A., 1980; Ph.D., 1984

Emlyn W. Hughes

Professor of Physics

B.S., Stanford University, 1982; M.A., Columbia University, 1984; Ph.D., 1987

Ivana Nikolic Hughes

Senior Lecturer in Chemistry

B.S., California Institute of Technology, 1999; M.S., Stanford University, 2000; Ph.D., 2005

Theodore Q. Hughes

The Korea Foundation Professor of Korean Studies in the Humanities in the Department of East Asian Languages and Cultures

B.A., University of California, San Diego, 1990; M.A., University of California, Los Angeles, 1997; Ph.D., 2000

Lam Hui

Professor of Physics

B.A., University of California, Berkeley, 1990; Ph.D., Massachusetts Institute of Technology, 1996

Thomas Brian Humensky

Associate Professor of Physics

B.S., Carnegie Mellon University, 1996; Ph.D., Princeton University, 2003

Macartan N. Humphreys

Professor of Political Science

B.A., Trinity College Dublin, 1994; M.Phil., University of Oxford, 2000; Ph.D., Harvard University, 2003

Amy Hungerford

Professor of English and Comparative Literature

B.A./M.A., Johns Hopkins University, 1992; M.A., 1993; Ph.D., 1999

John F. Hunt

Professor of Biological Sciences

A.B., Harvard University, 1982; Ph.D., Yale, 1993

David H. Hwang

Associate Professor of Theatre Arts in the Faculty of the Arts

B.A., Stanford University, 1979

Robert P. Hymes

Horace Walpole Carpentier Professor of Oriental Studies

B.A., Columbia University, 1972; M.A., University of Pennsylvania, 1976; Ph.D., 1979

I

Annette Insdorf

Professor of Film

B.A., Queens College - CUNY, 1972; Ph.D., Yale University, 1975

Elizabeth K. Irwin

Associate Professor of Classics

B.A., Columbia University, 1991; M.A., University of Oxford, 1994; Ph.D., University of Cambridge, 1999

N. Turkuler Isiksel

James P. Shenton Associate Professor of the Core Curriculum

M.A., University of Edinburgh, 2003; M.A., Yale University, 2004; M.Phil., 2006; Ph.D., 2010

Jenann Ismael

Professor of Philosophy

B.A., Reed College, 1989; M.A., Princeton University, 1994; Ph.D., 1997

Takatoshi Ito

Professor of International and Public Affairs

Ph.D., Harvard University, 1979

Marilyn J. Ivy

Associate Professor of Anthropology

B.A., University of Oklahoma, 1975; M.A., University of Hawaii, 1979; M.A., Cornell University, 1982; Ph.D., 1988

Valentina B. Izmirlieva

Professor of Slavic Languages

B.A., Sofia University, 1986; M.A., 1987; M.A., Ohio State University; Ph.D., University of Chicago, 1999

J

Kenneth T. Jackson

Jacques Barzun Professor in History and the Social Sciences

B.A., University of Memphis, 1961; M.A., University of Chicago, 1963; Ph.D., 1966

Karl H. Jacoby

Allan Nevins Professor of American Economic History

A.B., Brown University, 1987; M.A., Yale University, 1992; Ph.D., 1997

Dhananjay Jagannathan

Assistant Professor of Philosophy

B.A., University of Texas at Austin, 2009; M.Phil., University of Cambridge, 2011; Ph.D., University of Chicago, 2017

Leslie Jamison

Assistant Professor of Writing in the Faculty of the Arts

A.B., Harvard University, 2004; M.F.A., University of Iowa, 2006; M.A., Yale University, 2012

Suman Jana

Assistant Professor of Computer Science

B.E., Jadavpur University (India), 2003; M.S., University of Utah, 2009; Ph.D., University of Texas at Austin, 2014

Merit E. Janow

Professor of Professional Practice in the Faculty of International and Public Affairs

J.D., Columbia University, 1988

Tony Jebara

Associate Professor of Computer Science

B.S., McGill University (Canada), 1996; M.S., Massachusetts Institute of Technology, 1998; Ph.D., 2002

Margo L. Jefferson

Professor of Professional Practice in Writing in the Faculty of the Arts

M.S., Columbia University, 1971

Robert L. Jervis

Adlai E. Stevenson Professor and Professor of International and Public Affairs

B.A., Oberlin College, 1962; M.A., University of California, Berkeley, 1963; Ph.D., 1968

Songtao Jia

Associate Professor of Biological Sciences

B.S., Nankai University (China), 1994; Ph.D., University of California, Los Angeles, 2003

Juan P. Jimenez

Lecturer in Latin American and Iberian Cultures

B.A., Universidad del Valle (Colombia), 1996; M.A., Washington State University, 2001

Bradley R. Johnson

Assistant Professor of Physics

B.S. Bethel College, 1996; M.S. University of Minnesota, 1998; Ph.D. University of Minnesota, 2004

Eleanor B. Johnson

Associate Professor of English and Comparative Literature

B.A., Yale University, 2001; M.A., University of California, Berkeley, 2006; Ph.D., 2009

David C. Johnston

Professor of Political Science

B.A., Swarthmore College, 1972; Ph.D., Princeton University, 1981

Kathryn V. Johnston

Professor of Astronomy

B.A., University of Cambridge, 1991; M.S., University of California, Santa Cruz, 1996; Ph.D., 1996

Kellie E. Jones

Professor of Art History and Archaeology

Ph.D., Yale University, 1999

Matthew L. Jones

James R. Barker Professor of Contemporary Civilization

A.B., Harvard University, 1994; M.Phil., University of Cambridge, 1995; Ph.D., Harvard University, 2000

Troels Jorgensen

Professor Emeritus of Mathematics

Ph.D., University of Copenhagen, 1970

Branden W. Joseph

Frank Gallipoli Professor of Modern and Contemporary Art

B.A., Stanford University, 1989; A.M., Harvard University, 1993; Ph.D., 1999

Jamal Joseph

Professor of Professional Practice in Film in the Faculty of the Arts

B.A., University of Kansas, 1987

Marko Jovanovic

Assistant Professor of Biological Sciences

M.Sc., University of Vienna, 2004; Ph.D., University of Zurich, 2010

Reka Juhasz

Assistant Professor of Economics

M.A., Corvinus University of Budapest Rajk László College for Advanced Studies, 2009; M.Sc. London School of Economics, 2010; Ph.D., 2015

Heidi S. Julavits

Associate Professor of Professional Practice in Writing in the Faculty of the Arts

M.F.A., Columbia University, 1996

K

Gail E. Kaiser

Professor of Computer Science

B.S., Massachusetts Institute of Technology, 1979; M.S., Carnegie Mellon University, 1980; Ph.D., 1985

Nikolas P. Kakkoufa

Lecturer in Classics

B.A., University of Cyprus, 2008; M.A., 2010; Ph.D., King's College London, 2015

Daniel D. Kalderon

Professor of Biological Sciences

B.A., University of Cambridge, 1980; M.A., 1984; Ph.D., University of London, 1984

Thomas S. Kalin

Professor of Professional Practice of Film in the Faculty of the Arts

M.F.A., Art Institute of Chicago, 1986

Eric R. Kandel

University Professor

A.B., Harvard University, 1952; M.D., New York University, 1956

Georgia Stelios Karagiorgi

Assistant Professor of Physics

B.Sc., Florida Institute of Technology, 2004; M.A., Columbia University, 2007; Ph.D., Massachusetts Institute of Technology, 2010

Charry Karamanoukian

Lecturer in Middle Eastern, South Asian, and African Studies

B.A., Concordia University (Canada), 1996; M.A., McGill University (Canada), 1998; Ph.D., 2001

Ioannis Karatzas

Higgins Professor of Applied Probability and Professor of Statistics

M.S., Columbia University, 1976; M.Phil., 1979; Ph.D., 1980

Navin Kartik

Professor of Economics

B.A., Brandeis University, 1999; Ph.D., Stanford University, 2004

Kimuli K. Kasara

Associate Professor of Political Science

B.A., University of Oxford, 1999; Ph.D., Stanford University, 2006

Ira I. Katznelson

Ruggles Professor of Political Science and History

B.A., Columbia University, 1966; Ph.D., University of Cambridge, 1969

Laura J. Kaufman

Professor of Chemistry

B.A., Columbia University, 1997; Ph.D., University of California, Berkeley, 2002

Sudipta Kaviraj

Professor of Middle Eastern, South Asian, and African Studies

B.A., Presidency University (India), 1966; M.A., University of Calcutta (India), 1969; Ph.D., Jawaharlal Nehru University (India), 1979

Peter B. Kelemen

Arthur D. Storke Memorial Professor of Earth and Environmental Sciences

A.B., Dartmouth College, 1980; M.S., University of Washington, 1985; Ph.D., 1987

Darcy B. Kelley

Harold Weintraub Professor of Biological Sciences

B.A., Barnard College, 1970; Ph.D., Rockefeller University, 1975

John R. Kender

Professor of Computer Science

B.S., University of Detroit, 1970; M.S., University of Michigan, 1972; Ph.D., Carnegie Mellon University, 1980

Jon Kessler

Professor of Visual Arts

B.F.A., Purchase College - SUNY, 1980

Alice Kessler-Harris

R. Gordon Hoxie Professor of American History in Honor of Dwight D. Eisenhower

B.A., Goucher College, 1961; M.A., Rutgers University, 1963; Ph.D., 1968

Kerry William Key

Associate Professor of Earth and Environmental Sciences

B.S., University of California, San Diego, 1998; Ph.D., 2003

Rashid Khalidi

Edward Said Professor of Modern Arab Studies and Literature

B.A., Yale University, 1970; D.Phil., University of Oxford, 1974

Shamus Khan

Professor of Sociology

B.A., Haverford College, 2000; M.S., University of Wisconsin-Madison, 2004; Ph.D., 2008

Mikhail G. Khovanov

Professor of Mathematics

B.S., Moscow State University (Russia), 1991; Ph.D., Yale University, 1997

Mana Kia

Associate Professor of Middle Eastern, South Asian, and African Studies

B.A., Vassar College, 1997; M.A., New York University, 2001; Ph.D., Harvard University, 2011

Jungwon Kim

King Sejong Assistant Professor of Korean Studies

A.M., Harvard University, 2001; Ph.D., 2007

Martha A. Kim

Associate Professor of Computer Science

A.B., Harvard University, 2002; M.S., University of Washington, 2005; Ph.D., 2008

Seong Uk Kim

Il Hwan and Soon Ja Cho Assistant Professor of Korean Culture and Religion

B.A., Sogang University (South Korea), 1996; M.A., University of Georgia, 2007; Ph.D., University of California, Los Angeles, 2013

Seth R. Kimmel

Associate Professor of Latin American and Iberian Cultures

B.A., Columbia University, 2001; Ph.D., University of California, Berkeley, 2010

Robert J. King

Professor of Film

B.A., University of Oxford, 1997; Ph.D., University of California, Los Angeles, 2004

Jonathan Kingslake

Assistant Professor of Earth and Environmental Sciences

Ph.D. University of Sheffield (U.K.), 2013

David Kipping

Assistant Professor of Astronomy

M.A., University of Cambridge, 2006; M.Sc., 2007; Ph.D., 2011

Binnie Kirshenbaum

Professor of Professional Practice in Writing in the Faculty of the Arts

M.F.A., Brooklyn College - CUNY, 1984

Patricia Kitcher

Roberta and William Campbell Professor of the Humanities; Carnoy Family Program Chair for Contemporary Civilization

B.A., Wellesley College, 1970; Ph.D., Princeton University, 1974

Philip Kitcher

John Dewey Professor of Philosophy

B.A., University of Cambridge, 1969; Ph.D., Princeton University, 1974

David A. Klass

Assistant Professor of Professional Practice in Film in the Faculty of the Arts

B.A., Yale University, 1982; M.A., University of Southern California, 1988

Alexandra G. Kleeman

Assistant Professor of Writing in the Faculty of the Arts
A.B., Brown University, 2007; M.A., University of California, Berkeley, 2008; M.F.A., Columbia University, 2012

Holger A. Klein

Lisa and Bernard Selz Professor of Medieval Art History in the Department of Art History and Archaeology
M.A., Courtauld Institute, 1994; Ph.D., University of Bonn (Germany), 2000

Liza Knapp

Professor of Slavic Languages
A.B., Harvard University, 1977; Ph.D., Columbia University, 1985

Jeffrey T. Koberstein

Percy K. and Vida L.W. Hudson Professor of Chemical Engineering
B.S., University of Wisconsin, 1974; Ph.D., University of Massachusetts, 1979

Rebecca A. Kobrin

Russell and Bettina Knapp Associate Professor of American Jewish History
B.A., Yale University, 1994; Ph.D., University of Pennsylvania, 2002

Bruce M. Kogut

Sanford C. Bernstein & Co. Professor of Leadership and Ethics
B.A., University of California, Berkeley, 1975; M.I.A., Columbia University, 1978; Ph.D., Massachusetts Institute of Technology, 1983

Wojciech Kopczuk

Professor of Economics and of International and Public Affairs
B.A., University of Warsaw, 1996; M.Sc., 1996; M.A., University of Michigan, 1998; Ph.D., 2001

Adam J. Kosto

Professor of History
B.A., Yale University, 1989; Ph.D., Harvard University, 1996

Mariusz S. Kozak

Assistant Professor of Music
B.M., University of New Mexico, 2006; M.M., Eastman School of Music, 2002; M.M., University of New Mexico, 2006; Ph.D., University of Chicago, 2012

Samory Kpotufe

Associate Professor of Statistics
B.A., University of Denver, 1999; Ph.D., University of California, San Diego, 2010

Rosalind E. Krauss

University Professor
Ph.D., Harvard University, 1969

Janet L. Kraynak

Senior Lecturer in Art History and Archaeology

B.A., Vassar College, 1987; Ph.D., The Graduate Center, City University of New York, 1993; Ph.D., Massachusetts Institute of Technology, 2001

Paul B. Kreitman

Assistant Professor of East Asian Languages and Cultures
B.A., University of Oxford, 2006; Ph.D., Princeton University, 2015

Igor M. Krichever

Adrain Professor of Mathematics
Ph.D., Moscow State University (Russia), 1972

Nikolaus Kriegeskorte

Professor of Psychology
M.A., Universität zu Köln (Germany), 1999; Ph.D., Universiteit Maastricht (Netherlands), 2004

Brian H. Kulick

Professor of Professional Practice in the Faculty of the Arts
M.F.A., Carnegie Mellon University, 1987

Nataliya Kun

Lecturer in Slavic Languages
A.M., Harvard University, 2010

L

Elisabeth A. Ladenson

Professor of French and Romance Philology
B.A., University of Pennsylvania, 1982; M.A., Columbia University, 1988; Ph.D., 1994

Paul F. Lagunes

Assistant Professor of International and Public Affairs
Ph.D., Yale University, 2012

Tamar Lando

Associate Professor of Philosophy
B.A., Stanford University, 2002; M.A., University of California, Berkeley, 2008; Ph.D., 2012

Jennifer La'O

Associate Professor of Economics
S.B., Massachusetts Institute of Technology, 2005; Ph.D., 2010

Dorothea S. Lasky

Associate Professor of Writing in the Faculty of the Arts
B.A., Washington University in St. Louis, 2000; M.F.A., University of Massachusetts-Amherst, 2004; M.E.D., Harvard University, 2006; E.D.D., University of Pennsylvania, 2012

Victor D. Lavalle

Associate Professor of Practice in Writing in the Faculty of the Arts
M.F.A., Columbia University, 1998

Jeffrey R. Lax

Professor of Political Science

B.A., Yale University, 1995; M.A., New York University, 1996; Ph.D., 2001

Elizabeth Leake

Professor of Italian

B.A., University of California, Berkeley, 1989; M.A., 1993; Ph.D., 1998

Eugenia Y. Lean

Professor of East Asian Languages and Cultures

B.A., Stanford University, 1990; M.A., University of California, Los Angeles, 1996; Ph.D., 2001

Jack Lechner

Associate Professor of Professional Practice in Film in the Faculty of the Arts

B.A. Yale University, 1984

Ana Paulina Lee

Assistant Professor of Latin American and Iberian Cultures

B.A., Binghamton University - SUNY, 2001; M.A., New York University, 2007; Ph.D., University of Southern California, 2014

Beom Lee

Lecturer in East Asian Languages and Cultures

B.A., Hanyang University (Korea), 1988; M.A., 1990; M.A., Columbia University, 2002; M.Ed., 2005

Jee-Young Lee

Professor of Sociology

M.Phil., Columbia University, 1996; Ph.D., 1998

Sokbae Lee

Professor of Economics

B.A., Seoul National University, 1996; M.A., 1998; Ph.D., University of Iowa, 2002

Adam Leeds

Assistant Professor of Slavic Languages

B.A., University of Chicago, 2005; Ph.D., University of Pennsylvania, 2016

Agnieszka Legutko

Lecturer in Germanic Languages

M.A., Jagiellonian University (Poland), 2002; M.A., Columbia University, 2006; M.Phil., 2008; Ph.D., 2012

James L. Leighton

Professor of Chemistry

B.S., Yale University, 1987; Ph.D., Harvard University, 1994

Yuri Levin

Professor of Physics

B.Sc., University of Melbourne (Australia), 1993; Ph.D., California Institute of Technology, 1999

George E. Lewis

Edwin H. Case Professor of Music

B.A., Yale University, 1974

Allison B. Lewko

Assistant Professor of Computer Science

A.B., Princeton University, 2006; Ph.D., University of Texas at Austin, 2012

Chao Li

Assistant Professor of Mathematics

B.S., Tsinghua University (China), 2010; Ph.D., Harvard University, 2015

Feng Li

Professor of East Asian Languages and Cultures

M.A., Institute of Archaeology (China), 1986; Ph.D., University of Chicago, 2000

Natasha J. Lightfoot

Associate Professor of History

B.A., Yale University, 1999; M.A., New York University, 2002; Ph.D., 2007

Mark Lilla

Professor of the Humanities

B.A., University of Michigan, 1978; M.P.P., Harvard University, 1980; Ph.D., 1990

Francesco Lin

Assistant Professor of Mathematics

B.Sc., Università di Pisa (Italy), 2012; M.Sc., 2012; Ph.D., Massachusetts Institute of Technology, 2016

Mark E. Lincicome

Associate Professor of East Asian Languages and Cultures

B.A. Bowdoin College, 1976; Ph.D. University of Chicago, 1985

Patricia G. Lindemann

Lecturer in Psychology

B.A., Wesleyan University, 1987; Ph.D., Columbia University, 2000

Elliot Lipnowski

Assistant Professor of Economics

B.Math., University of Waterloo (Canada), 2010; M.A., New York University, 2014; Ph.D., 2016

Mark Lipovetsky (Liederman)

Professor of Slavic Languages

B.A. /M.A., Ural State University (Russia), 1986; Ph.D., Ural State University (Russia), 1989; D.Sc., Ural State Pedagogical University (Russia), 1996

Samuel P. Lipsyte

Associate Professor of Professional Practice in the Faculty of the Arts

B.A., Brown University, 1990

Chiu-Chu Melissa Liu

Professor of Mathematics

B.S., National Taiwan University, 1996; Ph.D., Harvard University, 2002

Jingchen Liu

Associate Professor of Statistics

B.S., Peking University (China), 2003; Ph.D., Harvard University, 2008

Lening Liu

Professor of East Asian Languages and Cultures

B.A., Shaanxi Normal University (China), 1982; M.A., 1985; Ph.D. University of Florida, 1996

Linxi Liu

Assistant Professor of Statistics

B.A., Tsinghua University (China), 2010; Ph.D., Stanford University, 2015

Lydia H. Liu

Wun Tsun Tam Professor in the Humanities

B.A., Northwestern Normal University (China), 1979; M.A., Shandong University (China), 1983; Ph.D., Harvard University, 1990

Qingmin Liu

Associate Professor of Economics

B.A., Peking University (China), 2002; Ph.D., Stanford University, 2007

Reyes Llopis-Garcia

Senior Lecturer in Latin American and Iberian Cultures

B.A., Universidad Nebrija (Spain), 2002; M.A., 2002; Ph.D., 2009

Shaw-Hwa Lo

Professor of Statistics and of Biostatistics

B.S., National Taiwan University, 1975; M.A., University of California, Santa Barbara, 1978; Ph.D., University of California, Berkeley, 1981

Richard Locke

Professor of Professional Practice in the Faculty of the Arts

B.A., Columbia University, 1962; B.A., University of Cambridge, 1964

Kyoko Loetscher

Lecturer in East Asian Languages and Cultures

B.A., Aoyama Gakuin University (Japan), 1987; M.A., Ohio State University, 1993

Claudio W. Lomnitz

Campbell Family Professor of Anthropology

B.A., Universidad Autónoma Metropolitana Iztapalapa (Mexico), 1978; M.A., Stanford University, 1979; Ph.D., 1987

Austin Long

Associate Professor of International and Public Affairs

B.S., Georgia Institute of Technology, 1998; M.S., 2002; Ph.D., Massachusetts Institute of Technology, 2010

Phillip Lopate

Professor of Professional Practice in the Faculty of the Arts and in the Graduate School of Journalism

B.A., Columbia University, 1964; Ph.D., Union Graduate School, 1979

Nicola G. López

Associate Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.A., Columbia University, 1998; M.F.A., 2004

Yao Lu

Associate Professor of Sociology

B.A., Fudan University (China), 2003; M.A., University of California, Los Angeles, 2005; Ph.D., 2008

Edward Luck

Professor of Professional Practice in the Faculty of International and Public Affairs

Ph.D. Columbia University, 2001

David B. Lurie

Associate Professor of East Asian Languages and Cultures

A.B., Harvard University, 1993; M.A., Columbia University, 1996; Ph.D., 2001

M

John Ma

Professor of Classics

B.A., University of Oxford, 1991; M.A., Princeton University, 1992; D.Phil., University of Oxford, 1997

W. Bentley MacLeod

Sami Mnaymneh Professor of Economics and Professor of International and Public Affairs

B.A., Queen's University (Canada), 1975; M.Sc., 1979; Ph.D., University of British Columbia (Canada), 1984

David B. Madigan

Professor of Statistics

B.A., Trinity College Dublin, 1984; Ph.D., 1990

Mohammad Ali Arian Maleki

Associate Professor of Statistics

M.S., Stanford University, 2010; Ph.D., 2010

Tal G. Malkin

Associate Professor of Computer Science

Ph.D., Massachusetts Institute of Technology, 2000

Mahmood Mamdani

Herbert Lehman Professor of Government and Professor of Anthropology

B.A., University of Pittsburgh, 1967; M.A., Fletcher School of Law, 1968; M.A.L.D., 1969; Ph.D., Harvard University, 1974

James L. Manley

Julian Clarence Levi Professor of the Life Sciences

B.S., Columbia University, 1971; Ph.D., Stony Brook University - SUNY, 1976

Gregory Mann

Professor of History

B.A., University of Georgia, 1993; Ph.D., Northwestern University, 2000

Wolfgang Rainer Mann*Professor of Philosophy*

A.B., Princeton University, 1978; Ph.D., 1987

Karuna Mantena*Professor of Political Science*

B.S.c, London School of Economics, 1995; M.A., University of Essex, 1996; Ph.D., Harvard University, 2004

Benjamin M. Marcus*Professor of Writing in the Faculty of the Arts*

M.F.A., Brown University, 1991

Sharon Marcus*Orlando Harriman Professor of English*

B.A., Brown University, 1986; Ph.D., Johns Hopkins University, 1995

Szabolcs Marka*Walter O. LeCroy, Jr. Associate Professor of Physics*

Diploma, Lajos Kossuth University (Hungary), 1993; Ph.D., Vanderbilt University, 1999

Ellen L. Marakowitz*Senior Lecturer in Anthropology*

B.A., Michigan State University, 1980; M.A., Columbia University, 1987; Ph.D., 1993

John Marshall*Assistant Professor of Political Science*

B.A., University of Oxford, St. Anne's College, 2008; M.Sc., University of Oxford, 2010; Ph.D., Harvard University, 2016

Paraskevi Martzavou*Lecturer in Classics*

B.A., Aristotle University of Thessaloniki (Greece), 1992; M.A., École Pratique des Hautes Études (France), 1998; Ph.D., 2008

Caroline Marvin*Lecturer in Psychology*

B.A., Yale University, 2001; M.A., Courtauld Institute of Art (United Kingdom), 2002; Ph.D., Columbia University, 2016

Miya J. Masaoka*Assistant Professor of Professional Practice in Visual Arts in the Faculty of the Arts*

B.A., San Francisco State University, 1991; M.A., Mills College, 1994

Joseph A. Massad*Professor of Middle Eastern, South Asian, and African Studies*

B.A., University of New Mexico, 1987; M.A., 1989; M.Phil., Columbia University, 1994; Ph.D., 1998

Robert D. Mawhinney*Professor of Physics*

B.S., University of South Florida, 1980; A.M., Harvard University, 1982; Ph.D., 1987

Mark A. Mazower*Ira D. Wallach Professor of History*

B.A., University of Oxford, 1981; M.A., Johns Hopkins University, 1983; Ph.D., University of Oxford, 1988

Malgorzata Mazurek*Associate Professor of Polish Studies*

M.A., University of Warsaw, 2004; Ph.D., 2008

Shane A. McCrae*Assistant Professor of Writing in the Faculty of the Arts*

B.A., Linfield College, 2002; M.F.A., University of Iowa, 2004; J.D., Harvard University, 2007; M.A., University of Iowa, 2012

Stephanie McCurry*R. Gordon Hoxie Professor of American History in Honor of Dwight D. Eisenhower*

B.A., University of Western Ontario, 1981; M.A., University of Rochester, 1983; Ph.D., Binghamton University - SUNY, 1988

Ann E. McDermott*Esther and Ronald Breslow Professor of Biological Chemistry and Professor of Biological Sciences and of Chemical Engineering*

B.S., Harvey Mudd College, 1981; M.A., 1985; Ph.D., University of California, Berkeley, 1987

Matthew P. McKelway*Takeo and Itsuko Atsumi Professor of Japanese Art History*

B.A., Amherst College, 1989; M.A., Columbia University, 1991; M.Phil., 1997; Ph.D., 1999

Galen A. McKinley*Professor of Earth and Environmental Sciences*

B.S., Rice University, 1995; Ph.D., Massachusetts Institute of Technology, 2002

Jerry F. McManus*Professor of Earth and Environmental Sciences*

B.A., Columbia University, 1989; M.A., 1992; M.Phil., 1996; Ph.D., 1997

John H. McWhorter*Associate Professor of Slavic Languages*

B.A., Rutgers University, 1985; M.A., New York University, 1987; Ph.D., Stanford University, 1993

Tey Meadow*Associate Professor of Sociology*

B.A., Barnard College, 1999; J.D., Fordham University School of Law; Ph.D., New York University, 2011

Alberto Medina*Professor of Latin American and Iberian Cultures*

B.A., University of Salamanca (Spain), 1991; M.A., University of Southern California, 1994; Ph.D., New York University, 2000

Charles Mee*Professor of Theatre Arts in the Faculty of the Arts*

A.B. Harvard University, 1960

Francisco J. Meizoso*Lecturer in Latin American and Iberian Cultures*

B.A., University of La Coruña (Spain), 1999; M.A. University of Santiago de Compostela (Spain), 2000; M.A., University of Memphis, 2005; M.A., University of Massachusetts Amherst, 2009; Ph.D., 2015

Elizaveta V. Meksin

Assistant Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.A., University of Chicago, 2000; M.A., 2000; B.F.A., School of the Art Institute of Chicago, 2005; M.F.A., Yale University, 2007

Eric R. Mendelsohn

Professor of Professional Practice in Film

B.F.A., Purchase College - SUNY, 1986

Susan E. Mendelsohn

Lecturer in English and Comparative Literature

B.A., American University, 1996; M.A., University of Texas at Austin, 1998; Ph.D., 2012

Edward Mendelson

Lionel Trilling Professor in the Humanities

B.A., University of Rochester, 1966; M.A., Johns Hopkins University, 1968; Ph.D., 1969

Yuan-Yuan Meng

Senior Lecturer in East Asian Languages and Cultures

B.A., National Taiwan Normal University (Taiwan), 1988; M.A., Columbia University, 1992; M.A., 2013; M.Ed., 2018

Duncan N. L. Menge

Associate Professor of Ecology, Evolution, and Environmental Biology

Ph.D., Princeton University, 2008

William H. Menke

Professor of Earth and Environmental Sciences

B.S., Massachusetts Institute of Technology, 1976; M.S., 1976; Ph.D., Columbia University, 1982

Maria Ignacia Mercadal Alborno

Assistant Professor of International and Public Affairs

Ph.D., University of Chicago, 2016

Christia Mercer

Gustave M. Berne Professor of Philosophy

B.A., Brooklyn College - CUNY, 1974; M.A., Rutgers University, 1978; M.A., Princeton University, 1984; Ph.D., 1989

Jessica E. Merrill

Assistant Professor of Slavic Languages

B.A., Northwestern University, 2003; M.A., University of California, Berkeley, 2007; Ph.D., 2012

Brinkley M. Messick

Professor of Anthropology and of Middle Eastern, South Asian, and African Studies

B.A., University of Pennsylvania, 1969; M.A., Princeton University, 1974; Ph.D., 1978

Benjamin Metcalf

Assistant Professor of Professional Practice in Writing in the Faculty of the Arts

A.B. Harvard University, 1988

Janet A. Metcalfe

Professor of Psychology

B.Sc., University of Toronto, 1975; M.A., 1977; Ph.D., 1982

Brian D. Metzger

Associate Professor of Physics

B.S., University of Iowa, 2003; M.A., University of California, Berkeley, 2005; Ph.D., 2009

Jeffery F. Milarsky

Senior Lecturer in Music

B.M., The Julliard School, 1988; M.M., 1990

Elizabeth A. Miller

Associate Professor of Biological Sciences

B.Sc. (Hons), University of Melbourne (Australia), 1993; Ph.D., La Trobe University (Australia), 1999

Ronald I. Miller

Lecturer in Economics

B.S., University of Toronto (Canada), 1987; M.A., Princeton University, 1989; Ph.D., 1994

Andrew J. Millis

Professor of Physics

A.B., Harvard University, 1982; Ph.D., Massachusetts Institute of Technology, 1986

Wei Min

Professor of Chemistry

B.S., Peking University (China), 2003; Ph.D., Harvard University, 2008

Vishal Misra

Professor of Computer Science

B.S., Indian Institute of Technology, Bombay, 1992; M.S., University of Massachusetts, 1996; Ph.D., 2000

Denise Milstein

Lecturer in Sociology

B.A., Brown University, 1997; M.A., Columbia University, 2002; M.Phil., 2003; Ph.D., 2007

Timothy P. Mitchell

William B. Ransford Professor of Middle Eastern, South Asian, and African Studies and Professor of International and Public Affairs

B.A., University of Cambridge, 1977; M.A., Princeton University, 1979; Ph.D., 1984

Henri C. Mitterand

Professor Emeritus of French and Romance Philology

Docteur ès Lettres, Ecole normale supérieure (France), 1969

Graciela R. Montaldo

Professor of Latin American and Iberian Cultures

B.A., Universidad de Buenos Aires, 1984; Ph.D., 1990

Jose L. Montiel Olea*Assistant Professor of Economics*

B.A., The Instituto Tecnológico Autónomo de México, 2006; M.A., 2008; Ph.D., Harvard University, 2013

Michele M. Moody-Adams*Joseph Straus Professor of Political Philosophy and Legal Theory*

B.A., Wellesley College, 1978; B.A., University of Oxford, 1980; A.M., Harvard University, 1986; Ph.D., 1986

Rosalind C. Morris*Professor of Anthropology*

B.A., University of British Columbia (Canada), 1986; M.A., York University (Canada), 1989; Ph.D., University of Chicago, 1994

Yves Mousallam*Assistant Professor of Earth and Environmental Sciences*

B.Sc., University of Ottawa, 2008; M.Sc., 2010; Ph.D., University of Cambridge, 2013

Xiaosheng Mu*Adjunct Associate Research Scholar in the Department of Economics*

B.A., Yale University, 2013; Ph.D., Harvard University, 2018

Alfred H. Mueller*Enrico Fermi Professor of Physics*

B.S., Iowa State University, 1961; Ph.D., Massachusetts Institute of Technology, 1965

Debashree Mukherjee*Assistant Professor of Middle Eastern, South Asian and African Studies*

Ph.D. New York University, 2015

Sumit Mukherjee*Assistant Professor of Statistics*

B.A., Indian Statistical Institute (India), 2007; M.A., 2009; Ph.D., Stanford University, 2014

Dipali Mukhopadhyay*Assistant Professor of International and Public Affairs*

B.A., Yale University, 2002; M.A., Tufts University, 2005; Ph.D., 2010

Robert A. Mundell*University Professor Emeritus*

Ph.D., Massachusetts Institute of Technology, 1956

Tristan Murail*Francis Goelet Professor of Music Composition*

Licence, University of Paris, 1967

Maria Victoria Murillo*Professor of Political Science and of International and Public Affairs*

B.A., University of Buenos Aires, 1991; A.M., Harvard University, 1994; Ph.D., 1997

Mary Pollard Murray*Associate Professor of English and Comparative Literature*

B.A., Columbia University, 1994; M.Phil., University of Cambridge, 1996; Ph.D., Yale University, 2004

Stephen D. Murray*Lisa and Bernard Selz Professor of Medieval Art History in the Department of Art History and Archaeology*

B.A., University of Oxford, 1967; M.A., University of London, 1969; Ph.D., 1973

John C. Mutter*Professor of Earth and Environmental Sciences and of International and Public Affairs*

B.S., University of Melbourne (Australia), 1969; M.S., University of Sydney (Australia), 1978; Ph.D., Columbia University, 1982

Ioannis Mylonopoulos*Associate Professor of Art History and Archaeology*

B.A., National and Kapodistrian University of Athens, 1991; Ph.D., Heidelberg University (Germany), 2001

N**Shahid Naeem***Professor of Ecology, Evolution, and Environmental Biology*

B.A., University of California, Berkeley, 1979; M.A., 1984; Ph.D., 1988

Suresh Naidu*Professor of International and Public Affairs and of Economics*

M.A., University of Massachusetts Amherst, 2004; Ph.D., University of California, Berkeley, 2010

Abdul Nanji*Senior Lecturer in Middle Eastern, South Asian, and African Studies*

A.A., Corning Community College, 1966; B.A., State University of New York, College at New Paltz, 1969; M.A., 1975

Abhay Pasupathy Narayan*Associate Professor of Physics*

Ph.D., Cornell University, 2004

Andrew J. Nathan*Class of 1919 Professor of Political Science*

A.B., Harvard University, 1963; A.M., 1965; Ph.D., 1971

Gerald Navratil*Thomas Alva Edison Professor*

B.S., California Institute of Technology, 1973; M.S., University of Wisconsin-Madison, 1974; Ph.D., 1976

Shree K. Nayar*T.C. Chang Professor of Computer Science*

B.S., Birla Institute of Technology (India), 1984; M.S., North Carolina State University, 1986; Ph.D., Carnegie Mellon University, 1990

Fumiko Nazikian*Senior Lecturer in East Asian Languages and Cultures*

B.A., Iwate University (Japan), 1979; M.A., Tokyo Gakugei (Japan), 1984; M.A., Australian National University, 1986; Ph.D., University of Sydney, 1994

Ronald Charles Neath

Lecturer in Statistics

B.S., University of California, Davis, 1991; M.S., 1992; Ph.D., University of Minnesota, 2006

Frances Negrón-Muntaner

Professor of English and Comparative Literature

B.S., University of Puerto Rico, 1986; M.A., Temple University, 1991; Ph.D., Rutgers University, 2000

Melissa Kay Ness

Assistant Professor of Astronomy

B.E., University of Queensland (Australia), 2000; Ph.D., Australian National University, Research School of Astronomy and Astrophysics, 2013

Joao Nemi Neto

Lecturer in Latin American and Iberian Cultures

B.A., University of São Paulo (Brazil), 2000; M.A., 2007; M.Phil., The Graduate Center, City University of New York, 2012; Ph.D., 2015

Lara J. Nettelfield

Senior Lecturer in Political Science

B.A., University of California, 1995; M.A., Columbia University, 1999; M.Phil., 2001; Ph.D., 2006

Meredith K. Nettles

Professor of Earth and Environmental Sciences

A.B., Harvard University, 1995; M.S., University of Arizona, 2000; Ph.D., Harvard University, 2005

Fay W. Ng

Senior Lecturer in Chemistry

B.S., University of California, 1992; M.A., Yale University, 1993; Ph.D., Columbia University, 1997

Serena Ng

Edwin W. Rickert Professor of Economics

B.A., University of Western Ontario (Canada), 1980; M.A., 1982; M.A., Princeton University, 1992; Ph.D., 1993

Mae Ngai

Lung Family Professor of Asian American Studies and Professor of History

B.A., Empire State College - SUNY, 1992; M.A., Columbia University, 1993; M.A., 1995; Ph.D., 1998

Lien-Hang Nguyen

Dorothy Borg Associate Professor of the History of American-East Asian Relations

B.A., University of Pennsylvania, 1996; Ph.D., Yale University, 2008

Alberto Nicolis

Associate Professor of Physics

Laurea, Pisa University (Italy), 1999; Diploma, Scuola Normale Superiore, Pisa (Italy), 1999; Ph.D., 2003

Jason Nieh

Professor of Computer Science

B.S., Massachusetts Institute of Technology, 1989; M.S., Stanford University, 1990; Ph.D., 1999

Lars T. Nielsen

Senior Lecturer in Mathematics

M.A., University of Copenhagen (Denmark), 1980; Ph.D., Harvard University, 1985

Aliza K. Nisenbaum

Assistant Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.F.A., School of the Art Institute of Chicago, 2001; M.F.A., 2005

Miharu Nittono

Senior Lecturer in East Asian Languages and Cultures

B.A., Waseda University (Japan), 1980; M.A., 1983; M.A., Columbia University, 1991; M.Ed., 2001; Ed.D., 2003

Jack R. Norton

Professor of Chemistry

A.B., Harvard University, 1967; Ph.D., Stanford University, 1972

Lynn I. Nottage

Associate Professor of Theatre Arts in the Faculty of the Arts

B.A., Brown University, 1986; M.F.A., Yale University, 1989

Youssef Nouhi

Lecturer in Middle Eastern, South Asian, and African Studies

M.A., University of Ottawa (Canada), 1996; M.A., University of Southern California, 2003

Steven M. Nowick

Professor of Computer Science and of Electrical Engineering

B.A., Yale University, 1976; M.A., Columbia University, 1979; Ph.D., Stanford University, 1993

Colin P. Nuckolls

Sheldon and Dorothy Buckler Professor of Material Science in the Department of Chemistry

B.S., University of Texas at Austin, 1993; Ph.D., Columbia University, 1998

Michael Nutter

David N. Dinkins Professor of Professional Practice and Public Affairs

B.S. University of Pennsylvania, 1979

Marcel Nutz

Associate Professor of Statistics

Diploma Mathematics, ETH Zurich (Switzerland), 2007; Ph.D., 2010

O

Jose A. Ocampo

Professor of Professional Practice in the Faculty of International and Public Affairs

B.A., University of Notre Dame, 1972; Ph.D., Yale University, 1976

Ana Maria Ochoa

Professor of Music

B.A., University of British Columbia (Canada), 1987; M.A., Indiana University, Bloomington, 1993; Ph.D., 1996

Kevin N. Ochsner

Professor of Psychology

B.A., University of Illinois, 1991; A.M., Harvard University, 1995; Ph.D., 1998

Brendan Andrew O'Flaherty

Professor of Economics

A.B., Harvard University, 1973; A.M., 1977; Ph.D., 1980

Sharyn L. O'Halloran

George Blumenthal Professor of Political Economy and Professor of International and Public Affairs

B.A., University of California, San Diego, 1985; M.A., 1988; Ph.D., 1991

Shigehiro Oishi

Professor of Psychology

B.A., International Christian University (Japan), 1993; M.Ed., Columbia University, 1995; M.A., University of Illinois at Urbana-Champaign, 1997; Ph.D., 2000

Keiko Okamoto

Lecturer in East Asian Languages and Cultures

B.A., International Christian University (Japan), 1970; M.A., Columbia University, 1999

Andrei Okounkov

Samuel Eilenberg Professor of Mathematics

B.S., Moscow State University (Russia), 1993; Ph.D., 1995

Paul E. Olsen

Arthur D. Storke Memorial Professor of Earth and Environmental Sciences

B.A., Yale University, 1978; Ph.D., 1983

Robert G. O'Meally

Zora Neale Hurston Professor of English and Comparative Literature

A.B., Stanford University, 1970; A.M., Harvard University, 1971; Ph.D., 1975

Peter Orbanz

Howard Levene Assistant Professor of Statistics

B.S., University of Bonn (Germany), 2003; Ph.D., Joachim M. Buhmann ETH Zurich, 2008

Benjamin S. Orlove

Professor of International and Public Affairs

Ph.D., University of California, Berkeley, 1975

Jonathan S. Owen

Associate Professor of Chemistry

B.S., University of Wisconsin-Madison, 2000; Ph.D., California Institute of Technology, 2005

P

Frederik B. Paerels

Professor of Astronomy

M.S., Utrecht University (Netherlands), 1984; Ph.D., 1987

Matthew I. Palmer

Senior Lecturer in the Discipline of Ecology, Evolution and Environmental Biology

B.S., Cornell University, 1996; Ph.D., Rutgers University, 2005

Patrizia Palumbo

Senior Lecturer in Italian

B.A., University of Turin (Italy), 1988; M.A., Columbia University, 1990; M.Phil., 1992; Ph.D., 1996

Orhan Pamuk

Robert Yik-Fong Tam Professor in the Humanities

B.A., University of Istanbul, 1976

Arvind Panagariya

Jagdish N. Bhagwati Professor of Indian Political Economy

Ph.D., Princeton University, 1978

Liam Paninski

Professor of Neuroscience and of Statistics

B.Sc., Brown University, 1999; Ph.D., New York University, 2003

Christos H. Papadimitriou

Donovan Family Professor of Computer Science

B.S. Athens Polytechnic, 1972; M.S., Princeton University, 1974; Ph.D., 1976

Deborah A. Paredes

Associate Professor of Professional Practice in Writing in the Faculty of the Arts

B.A., Trinity University, 1993; Ph.D., Northwestern University, 2002

Ah-Hyung Park

Lenfest Earth Institute Associate Professor of Climate Change

B.A.S., University of British Columbia (Canada), 1998; M.A.S., 2000; Ph.D., Ohio State University, 2005

Jisuk Park

Lecturer in East Asian Languages and Cultures

B.A., University of Aichi (Japan), 2000; M.A., University of Wisconsin-Madison, 2002

Edward C. Parker

Professor of Professional Practice in Theatre Arts in the Faculty of the Arts

M.F.A., Columbia University, 1998

Gerard F. Parkin

Professor of Chemistry

B.A., University of Oxford, 1981; Ph.D., 1985

Michael D. Parrott*Lecturer in Political Science*

B.A., University of Texas; M.A., Fordham University; Ph.D., University of Maryland, College Park, 2016

John A. Parsons*Professor of Physics*

B.S., McMaster University (Canada), 1985; M.S., University of Toronto, 1986; Ph.D., 1990

Michael J. Passaro*Associate Professor of Professional Practice in Theatre Arts in the Faculty of the Arts*

B.A., New York University, 1984; M.A., 1988

Esther Pasztor*Lisa and Bernard Selz Professor Emerita of Pre-Columbian Art History and Archaeology*

B.A., Barnard College, 1965; M.A., Columbia University, 1967; Ph.D., 1971

Joseph Patterson*Professor of Astronomy*

A.B., Harvard University, 1969; Ph.D., University of Texas at Austin, 1979

Christopher A.B. Peacocke*Johnsonian Professor of Philosophy*

B. Phil., University of Oxford, 1974; M.A., 1971; Ph.D., 1979

Susan G. Pedersen*Gouvernor Morris Professor of History*

A.B., Harvard University, 1982; Ph.D., 1989

Itshack G. Pe'er*Associate Professor of Computer Science*

B.S., Tel Aviv University, 1991; M.S., 1995; Ph.D., 2002

John Pemberton, IV*Associate Professor of Anthropology*

B.A., Wesleyan University, 1970; M.A., 1972; M.A., Cornell University, 1981; Ph.D., 1989

Richard Peña*Professor of Professional Practice in the Faculty of the Arts*

M.S., Massachusetts Institute of Technology, 1978

Feniosky A. Pena-Mora*Edwin Howard Armstrong Professor of Civil Engineering and Engineering Mechanics, Professor of Earth and Environmental Engineering, and of Computer Science*

M.S., Massachusetts Institute of Technology, 1991; Med.Sc.D., 1994

Gustavo F. Pérez-Firmat*David Feinson Professor of Humanities*

B.A., University of Miami, 1970; M.A., 1972; Ph.D., University of Michigan, 1979

Julie S. Peters*M. Gordon Garbedian Professor of English and Comparative Literature*

A.B., Yale University, 1981; Ph.D., Princeton University, 1986

Anne Pfeifer*Assistant Professor of Germanic Languages*

B.A., Columbia University, 2004; M.A., University of Toronto, 2008; Ph.D., Yale University, 2015

Gregory M. Pflugfelder*Associate Professor of East Asian Languages and Cultures*

A.B., Harvard University, 1981; M.A., Waseda University (Japan), 1984; Ph.D., Stanford University, 1996

John D. Phan*Assistant Professor of East Asian Languages and Cultures*

B.A., Saint Olaf College, 2002; M.A., Columbia University, 2005; Ph.D., Cornell University, 2012

Edmund S. Phelps*McVickar Professor of Political Economy*

B.A., Amherst College, 1955; M.A., Yale University, 1956; Ph.D., 1959

Justin H. Phillips*Professor of Political Science*

B.A., Lewis and Clark College, 1998; Ph.D., University of California, San Diego, 2005

Karen E.S. Phillips*Senior Lecturer in Chemistry*

A.A., Miami-Dade Community College, 1990; B.S., Barry University, 1995; M.A., Columbia University, 1996; M.Phil., 2000; Ph.D., 2001

Duong Hong Phong*Professor of Mathematics*

A.B., Princeton University, 1973; M.A., 1974; Ph.D., 1976

Pablo A. Piccato*Professor of History*

B.A., Universidad Nacional Autónoma de México, 1990; Ph.D., University of Texas at Austin, 1997

Aron Pinczuk*Professor of Applied Physics and of Physics*

Licenciado, University of Buenos Aires, 1962; Ph.D., University of Pennsylvania, 1969

Henry C. Pinkham*Professor of Mathematics*

A.B., Harvard University, 1970; Ph.D., 1974

Eleonora Pistis*Assistant Professor of Art History and Archaeology*

Ph.D., Università Iuav di Venezia (Italy), 2011

Caterina L. Pizzigoni*Associate Professor of History*

Laurea, University of Milano (Italy), 1996; Ph.D., King's College London, 2002

Terry A. Plank

Arthur D. Storke Memorial Professor of Earth and Environmental Sciences

A.B., Dartmouth College, 1985; M.A., Columbia University, 1987; M.Phil., 1991; Ph.D., 1993

Pawel Polack

Assistant Professor of Statistics

Ph.D. Swiss Finance Institute, 2014

Robert E. Pollack

Professor of Biological Sciences

B.A., Columbia University, 1961; Ph.D., Brandeis University, 1966

Sheldon Pollock

Arvind Raghunathan Professor of South Asian Studies

A.B., Harvard University, 1971; A.M., 1973; Ph.D., 1975

Lorenzo M. Polvani

Professor of Applied Physics and Applied Mathematics and of Earth and Environmental Sciences

B.Sc., McGill University (Canada), 1981; M.S., 1982; Ph.D., Massachusetts Institute of Technology, 1988

Cristian Pop-Eleches

Associate Professor of International and Public Affairs

A.B., Harvard University, 1998; A.M., 2000; Ph.D., 2003

Cathy Popkin

Jesse and George Siegel Professor in the Humanities

B.A., Wesleyan University, 1976; Ph.D., Stanford University, 1985

Ross Posnock

Anna S. Garbedian Professor of the Humanities

B.A., Kenyon College, 1974; M.A., Johns Hopkins University, 1976; Ph.D., 1980

Elizabeth Povinelli

Franz Boas Professor of Anthropology

B.A., St. John's College, 1984; M.Phil., Yale University, 1988; Ph.D., 1991

Andrea Prat

Richard Paul Richman Professor of Business and Professor of Economics

Ph.D., Stanford University, 1997

Carlo Prato

Assistant Professor of Political Science

B.A., Bocconi University, 2004; M.S., 2006; Ph.D., Northwestern University, 2012

Kenneth Prewitt

Carnegie Professor of Public Affairs

Ph.D., Yale University, 1968

Mary Ann Price

Lecturer in Biological Sciences

B.S., University of Montevallo, 1987; Ph.D., John Hopkins University, 1992

Frances Pritchett

Professor Emerita of Middle Eastern, South Asian, and African Studies

B.A., Radcliff College, 1969; M.A., University of California, Berkeley, 1973; Ph.D., University of Chicago, 1981

Carol L. Prives

Da Costa Professor of Biology

B.Sc., McGill University (Canada), 1962; Ph.D., 1968

Philip E. Protter

Professor of Statistics

B.A., Yale University, 1971; Ph.D., University of California, San Diego, 1975

Wayne L. Proudfoot

Professor of Religion

B.S., Yale University, 1961; B.D., Harvard University, 1964; Th.M., 1966; Ph.D., 1972

Ron M. Prywes

Professor of Biological Sciences

B.A., University of Pennsylvania, 1979; Ph.D., Massachusetts Institute of Technology, 1984

Molly F. Przeworski

Professor of Biological Sciences and Systems Biology

A.B., Princeton University, 1994; Ph.D., University of Chicago, 2000

Valerie J. Purdie-Vaughns

Associate Professor of Psychology

B.A., Columbia University, 1993; Ph.D., Stanford University, 2005

G. Michael Purdy

Professor of Earth and Environmental Sciences

B.S., Imperial College London, 1969; M.S., 1970; Ph.D., University of Cambridge, 1974

Mary E. Putman

Professor of Astronomy

B.S., University of Wisconsin, 1996; Ph.D., 2001

Tonya Putnam

Associate Professor of Political Science

B.A., University of Utah, 1991; A.M., Harvard University, 1993; J.D., 2002; Ph.D., Stanford University, 2005

Q

Shaoyan Qi

Lecturer in East Asian Languages and Cultures

B.A., Huazhong University of Science and Technology (China), 1999; M.A., State University of New York, 2002; M.A., Villanova University, 2004

Ying Qian

Assistant Professor of East Asian Languages and Cultures
Ph.D. Harvard University, 2013

Sophie C. Queuniet

Senior Lecturer in French and Romance Philology
M.A., Université Sorbonne Nouvelle (France), 1991; M.A., Yale University, 1993; M.Phil., 1993; Ph.D., 1999

Austin E. Quigley

Brander Matthews Professor of Dramatic Literature
B.A., University of Nottingham (U.K.), 1967; M.A., University of Birmingham (U.K.), 1969; Ph.D., University of California, Santa Cruz, 1971

R

Daniel Rabinowitz

Professor of Statistics
B.A., University of California, Santa Cruz, 1985; Ph.D., Stanford University, 1991

Sailakshmi Ramgopal

Assistant Professor of History
B.A., Northwestern University, 2006; Ph.D., University of Chicago, 2016

Rakesh Ranjan

Senior Lecturer in Middle Eastern, South Asian, and African Studies
M.A., University of Delhi (India), 1985; M.Phil., 1988; Ph.D., 1997

Adam D. Reich

Associate Professor of Sociology
B.A., Brown University, 2004; M.A., University of California, Berkeley, 2007; Ph.D., 2012

David R. Reichman

Centennial Professor of Chemistry
B.A., University of Chicago, 1992; Ph.D., Massachusetts Institute of Technology, 1997

Ricardo Reis

Professor of Economics
B.Sc., London School of Economics, 1999; Ph.D., Harvard University, 2004

Rodrigo Reis Soares

Lemann Professor of Brazilian Public Policy and International and Public Affairs
B.A., Federal University of Minas Gerais (Brazil), 1994; M.A., Pontifical Catholic University of Rio de Janeiro, 1997; Ph.D., University of Chicago, 2002

Irina Reyfman

Professor of Slavic Languages

Diploma, University of Tartu (Estonia), 1973; Ph.D., Stanford University, 1986

Michael H. Riordan

Laurans A. and Arlene Mendelson Professor of Economics
B.S., Georgetown University, 1973; M.A., University of Essex (U.K.), 1975; Ph.D., University of California, Berkeley, 1981

Aaron J. Ritzenberg

Senior Lecturer in English and Comparative Literature
B.A., Haverford College, 1998; M.A., Brandeis University, 2003; Ph.D., 2006

Richard G. Robb

Professor of Professional Practice in the Faculty of International and Public Affairs
Ph.D., University of Chicago, 1985

Bruce William Robbins

Old Dominion Foundation Professor in the Humanities
A.B., Harvard University, 1971; A.M., 1976; Ph.D., 1980

Joyce Trina Robbins

Lecturer in Statistics
B.S.E., Princeton University, 1989; M.A., Tel Aviv University (Israel), 1994; Ph.D., Columbia University, 2002

Camille Robcis

Associate Professor of French and Romance Philology and History
B.A., Brown University, 1999; Ph.D., Cornell University, 2007

Samuel K. Roberts

Associate Professor of History and of Sociomedical Sciences
A.B., University of Virginia, 1995; M.A., Princeton University, 1997; Ph.D., 2001

Lauren Robertson

Assistant Professor of English and Comparative Literature
B.A., St. John's College, 2008; Ph.D., Washington University in St. Louis, 2016

Ailsa A. Roell

Professor of International and Public Affairs
Ph.D., Johns Hopkins University, 1983

Diana P. Romero

Lecturer in Latin American and Iberian Cultures
B.A., Universidad de Los Andes (Colombia), 1994; M.A., University of Maryland, 1998; Ph.D., 2009

Francisco Rosales-Varo

Senior Lecturer in Latin American and Iberian Cultures
M.A., University of Granada (Spain), 1991; Ph.D., 1998

Rachel A. Rosen

Associate Professor of Physics
B.S., Brown University, 2003; Ph.D., New York University, 2009

David K. Rosner

Ronald H. Lauterstein Professor of Sociomedical Sciences and Professor of History

B.A., City College of New York - CUNY, 1968; M.A., University of Massachusetts Boston, 1972; Ph.D., Harvard University, 1978

Alan Ross

Assistant Attending of Classics

B.A., University College London, 2005; M.St., University of Oxford, 2006; Ph.D., 2011

Carol Howe Rounds

Senior Lecturer in Italian

B.A., Columbia University, 1984; M.A., 1986; Ph.D., 1992

Kenneth A. Ross

Professor of Computer Science

B.S., University of Melbourne (Australia), 1986; Ph.D., Stanford University, 1991

David J. Rothman

Bernard Schoenberg Professor of Social Medicine and Professor of History

B.A., Columbia University, 1958; A.M., Harvard University, 1959; Ph.D., 1964

Carol Rovane

Professor of Philosophy

Ph.D., University of Chicago, 1983

Tomislav Rovis

Professor of Chemistry

B.Sc., University of Toronto, 1990; Ph.D., 1998

Xavier S. Roy

Associate Professor of Chemistry

Ph.D., University of British Columbia (Canada), 2011

Daniel S. Rubenstein

Associate Professor of Computer Science

Ph.D., University of Massachusetts Amherst, 2000

Dustin R. Rubenstein

Associate Professor of Ecology, Evolution, and Environmental Biology

B.A., Dartmouth College, 1999; Ph.D., Cornell University, 2006

Malvin A. Ruderman

Centennial Professor of Physics and Professor of Applied Physics

B.A., Columbia University, 1945; M.S., California Institute of Technology, 1947; Ph.D., 1951

Jose P. Ruiz Campillo

Senior Lecturer in Latin American and Iberian Cultures

B.A., University of Granada (Spain), 1987; M.A., 1993; Ph.D., 1999

Guadalupe Ruiz-Fajardo

Senior Lecturer in Latin American and Iberian Cultures

B.A., University of Granada (Spain), 1984; M.A., 1986; Ph.D., 1992

Cynthia G. Rush

Assistant Professor of Statistics

B.S., University of North Carolina at Chapel Hill, 2010; M.A., Yale University, 2011; Ph.D., 2016

Alessandra Russo

Associate Professor of Latin American and Iberian Cultures

Laurea, University of Bologna (Italy), 1996; M.A., École des Hautes Études en Sciences Sociales (France), 1997; Ph.D., 2006

Maureen Ryan

Associate Professor of Professional Practice of Film in the Faculty of the Arts

M.F.A., Columbia University, 1992

S

Emmanuelle M. Saada

Professor of French and Romance Philology

Ph.D., École des Hautes Études en Sciences Sociales (France), 2001

Giulia Sacca

Assistant Professor of Mathematics

B.S., Sapienza Università di Roma (Italy), 2006; M.S., 2008; Ph.D., Princeton University, 2013

Jeffrey D. Sachs

University Professor

A.B., Harvard University, 1976; A.M., 1978; Ph.D., 1980

Evan D. Sadler

Assistant Professor of Economics

B.A., Princeton University, 2009; Ph.D., New York University, 2015

Abolfazl Safikhani

Assistant Professor of Statistics

Ph.D. Michigan State University, 2015

Alessandra Saggin

Lecturer in Italian

M.A., University of Pisa (Italy), 1990

Ozgur Sahin

Associate Professor of Biological Sciences and of Physics

B.S., Bilkent University (Turkey), 2001; M.S., Stanford University, 2003; Ph.D., 2005

Xavier Sala-i-Martin

Jerome H. and Matthew S. Grossman Professor of Development Economics

Licenciao Ciencias Economicas, Universitat Autònoma de Barcelona (Spain), 1985; A.M., Harvard University, 1987; Ph.D., 1990

Bernard Salanié

Professor of Economics

B.A., École Polytechnique (France), 1984; M.A., École Nationale de la Statistique et de l'Administration Économique (France), 1986; Ph.D., École des Hautes Études en Sciences Sociales (France), 1992

Dalibor Sames*Associate Professor of Chemistry*

B.S., Charles University (Czech Republic), 1990; Ph.D., University of Arizona, 1996

Saskia Sassen*Robert S. Lynd Professor of Sociology*

M.A., Notre Dame University, 1971; Ph.D., 1974

Heather Savage*Associate Professor of Earth and Environmental Sciences*

B.A., Colgate University, 1998; M.S., University of Massachusetts, 2002; Ph.D., Pennsylvania State University, 2007

Vasile Ovidiu Savin*Professor of Mathematics*

M.S., University of Pittsburgh, 1999; Ph.D., University of Texas at Austin, 2003

Will Sawin*Assistant Professor of Mathematics*

B.S., Yale University, 2011; Ph.D., Princeton University, 2016

Simon M. Schama*University Professor*

M.A., University of Cambridge, 1969

James A. Schamus*Professor of Professional Practice in Film in the Faculty of the Arts*

A.B., University of California, Berkeley, 1982; M.F.A., 1987; Ph.D., 2003

Jose A. Scheinkman*Charles and Lynn Zhang Professor of Economics*

B.A., Universidade Federal do Rio de Janeiro (Brazil), 1969; M.S., Instituto de Matemática Pura e Aplicada (Brazil), 1970; M.A., Rochester University, 1973; Ph.D., 1974

David Schiminovich*Professor of Astronomy*

B.Sc., Yale University, 1989; Ph.D., Columbia University, 1998

Wolfram Schlenker*Associate Professor of International and Public Affairs and Economics*

Ph.D., University of California, Berkeley, 2003

Jutta Schmiere-Heller*Senior Lecturer in Germanic Languages*

B.A., Westfälische Wilhelms-Universität Münster (Germany), 1996; M.A., 1996; M.A., Montclair State University, 2009

Stephanie Schmitt-Grohé*Professor of Economics*

Vordiplom, Westfälische Wilhelms-Universität Münster (Germany), 1987; M.B.A., Baruch College - CUNY, 1989; Ph.D., University of Chicago, 1994

Christopher H. Scholz*Professor of Applied Physics and Applied Mathematics and of Earth and Environmental Sciences*

B.S., University of Nevada, 1964; Ph.D., Massachusetts Institute of Technology, 1967

Henning G. Schulzrinne*Julian Clarence Levi Professor of Mathematical Methods and Computer Science and Professor of Electrical Engineering*

B.S., Technische Universität Darmstadt (Germany), 1984; M.S., University of Cincinnati, 1987; Ph.D., University of Massachusetts Amherst, 1992

Seth R. Schwartz*Lucius N. Littauer Professor of Classical Jewish Civilization*

B.A., Yeshiva University, 1979; M.A., Columbia University, 1981; M.Phil., 1982; Ph.D., 1985

David A. Scott*Ruth and William Lubic Professor of Anthropology*

B.S., University of West Indies (Jamaica), 1980; M.A., New School for Social Research, 1983; Ph.D., 1989

Guy Sella*Associate Professor of Biological Sciences*

B.S., Tel Aviv University, 1993; M.S., Hebrew University, 1997; Ph.D., Tel Aviv University, 2001

Ahmet Tunç Şen*Assistant Professor of History*

B.A., Sabancı University (Turkey), 2006; M.A., 2008; M.A., University of Chicago, 2010; Ph.D., 2016

Bodhisattva Sen*Associate Professor of Statistics*

B.Stat., Indian Statistical Institute (India), 2002; M.Stat., 2004; M.S., University of Michigan, 2007; Ph.D., 2008

Neslihan Senocak*Associate Professor of History*

B.A., Middle East Technical (Turkey), 1994; Ph.D., Bilkent University (Turkey), 2002

Rocco A. Servedio*Professor of Computer Science*

A.B., Harvard University, 1993; S.M., 1997; Ph.D., 2001

Stephen R. Sestanovich*Kathryn and Shelby Cullom Davis Professor for the Practice of International Diplomacy*

Ph.D., Harvard University, 1978

Lakshminarasimhan Kahil Sethumadhavan*Associate Professor of Computer Science*

Ph.D., University of Texas at Austin, 2007

Michael H. Shaevitz*Professor of Physics*

B.S., Ohio State University, 1969; M.S., 1971; Ph.D., 1975

Neel Shah*Assistant Professor of Chemistry*

B.S., New York University, 2008; Ph.D., Rockefeller University, 2013

Avinoam Shalem

Riggio Professor of Art History

Ph.D., University of Edinburgh, 1995

Wei Shang

Wm. Theodore and Fanny Brett de Bary and Class of 1941 Collegiate Professor of Asian Humanities, and Du Family Professor of Chinese Culture

B.A., Peking University (China), 1982; M.A., 1984; Ph.D., Harvard University, 1994

James Shapiro

Larry Miller Professor of English and Comparative Literature

B.A., Columbia University, 1977; M.A., University of Chicago, 1978; Ph.D., 1982

Jill S. Shapiro

Senior Lecturer in the Discipline of Ecology, Evolution and Environmental Biology

B.A., Barnard College, 1980; M.A., Columbia University, 1982; Ph.D., 1995

Robert Y. Shapiro

Wallace S. Sayre Professor of Government and Professor of International and Public Affairs

B.S., Massachusetts Institute of Technology, 1974; M.A., University of Chicago, 1977; Ph.D., 1982

Teresa Christine Sharpe

Lecturer in Sociology

B.A., University of California, Berkeley, 1994; M.A., 2001; Ph.D., 2010

Michael P. Sheetz

Professor Emeritus of Cell Biology

B.A., Albion College, 1968; Ph.D., California Institute of Technology, 1972

Yuri I. Shevchuk

Lecturer in Slavic Languages

M.A., Kyiv State University (Ukraine), 1983; Ph.D., 1987; M.A., The New School, 1996

Zhongqi Shi

Senior Lecturer in East Asian Languages and Cultures

B.A., Beijing Language and Culture University (China), 2002; M.A., 2005; Ph.D., Columbia University, 2018

Haruo Shirane

Shincho Professor of Japanese Literature

B.A., Columbia University, 1974; M.A., University of Michigan, 1977; Ph.D., Columbia University, 1983

Daphna Shohamy

Professor of Psychology

B.A., Tel Aviv University, 1996; Ph.D., Rutgers University, 2003

Gary Shteyngart

Associate Professor of Writing in the Faculty of the Arts

B.A., Oberlin College, 1995; M.F.A., Hunter College - CUNY, 2001

David Sidorsky

Professor Emeritus of Philosophy

B.A., New York University, 1948; M.A., 1952; Ph.D., Columbia University, 1962

Shelly A. Silver

Associate Professor of Professional Practice

B.F.A., Cornell University, 1980

Joshua Simon

Assistant Professor of Political Science

B.A., Reed College, 2005; Ph.D., Yale University, 2012

Oliver Simons

Professor of Germanic Languages

M.A., Humboldt-University (Germany), 1999; Ph.D., 2005

Audra Simpson

Professor of Anthropology

B.A., Concordia University (Canada), 1993; M.A., McGill University (Canada), 1996; Ph.D., 2004

Lorenzo Sironi

Assistant Professor of Astronomy

Ph.D., Princeton University, 2011

Elaine R. Sisman

Anne Parsons Bender Professor of Music

B.A., Cornell University, 1972; M.F.A., Princeton University, 1974; Ph.D., 1978

Michael Skelly

Associate in Music Performance

B.A. Columbia University, 1997

Samuel Skippon

Lecturer in French and Romance Philology

M.Phil., Sorbonne University (France), 1994; M.A., New York University, 2002

Joseph R. Slaughter

Associate Professor of English and Comparative Literature

B.A., University of Florida, 1989; M.A., University of Texas at Austin, 1994; Ph.D., 1998

Mikhail Smirnov

Senior Lecturer in Mathematics

B.S., M.S., Moscow University (Russia), 1989; M.A., Princeton University, 1992; Ph.D., 1995

Pamela H. Smith

Seth Low Professor of History

B.A., University of Wollongong (Australia), 1979; Ph.D., Johns Hopkins University, 1991

Alla A. Smyslova

Senior Lecturer in Slavic Languages

M.A., Moscow State Pedagogical Institute of Foreign Languages (Russia); M.A., Indiana University at Bloomington; Ph.D., Bryn Mawr College

Jack L. Snyder

Robert and Renee Belfer Professor of International Relations
A.B., Harvard University, 1973; Ph.D., Columbia University, 1981

Adam H. Sobel

Professor of Applied Physics and Applied Mathematics and of Earth and Environmental Sciences
B.A., Wesleyan University, 1989; M.A., Massachusetts Institute of Technology, 1997; Ph.D., 1998

Michael E. Sobel

Professor of Statistics
B.A., Florida State University, 1972; M.S., University of Wisconsin-Madison, 1975; M.A., 1978; Ph.D., 1980

Sean C. Solomon

William B. Ransford Professor of Earth and Planetary Science
B.S., California Institute of Technology, 1966;
Ph.D., Massachusetts Institute of Technology, 1971

Robert E. Somerville

Tremaine Professor of Religion and Professor of History
B.A., Case Western Reserve University, 1964; M.A., Yale University, 1965; Ph.D., 1968

Josef Sorett

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

Edward A. Spiegel

Rutherford Professor of Astronomy
B.A., University of California, Los Angeles, 1952; M.S., University of Michigan, 1954; Ph.D., 1958

Maura Spiegel

Senior Lecturer in English and Comparative Literature
B.A., Bennington College, 1976; Ph.D., Columbia University, 1993

Marc W. Spiegelman

Arthur D. Storke Memorial Professor of Earth and Environmental Sciences and Professor of Applied Physics and Applied Mathematics
A.B., Harvard University, 1985; Ph.D., University of Cambridge, 1989

Seymour Spilerman

Julian Clarence Levi Professor in the Social Sciences (in Sociomedical Sciences)
B.A., Pomona College, 1959; M.A., Brandeis University, 1961; Ph.D., Johns Hopkins University, 1968

Barbara Spinelli

Senior Lecturer in Italian

B.A., University of Perugia (Italy), 1989; M.A., University of Venice (Italy), 2001

Gayatri Chakravorty Spivak

University Professor
B.A., University of Calcutta (India), 1959; M.A., Cornell University, 1962; Ph.D., 1967

Joanna R. Stalnaker

Professor of French and Romance Philology
Ph.D., New York University, 2002

Michael F. Stanislawski

Nathan J. Miller Professor of Jewish History
A.B., Harvard University, 1973; A.M., 1975; Ph.D., 1979

Amy A. Starecheski

Lecturer in Sociology
B.A. Columbia University, 1999; M.A., 2005; Ph.D., City University of New York, 2014

David C. Stark

Arthur Lehman Professor of Sociology and International Affairs
A.B., Princeton University, 1972; A.M., Harvard University, 1977; Ph.D., 1982

Ursula M. Staudinger

Robert N. Butler Professor
M.A., Friedrich-Alexander University of Erlangen-Nürnberg (Germany), 1984; Ph.D., Freie Universität Berlin, 1988

Benjamin A. Steege

Associate Professor of Music
B.A., Columbia University, 2000; Ph.D., Harvard University, 2007

Clifford S. Stein

Professor of Industrial Engineering and Operations Research and of Computer Science
Ph.D., Massachusetts Institute of Technology, 1992

Deborah T. Steiner

Jay Professor of Greek and Latin Languages
A.B., Harvard University, 1982; M.Litt., University of Oxford, 1984; Ph.D., University of California, Berkeley, 1991

Alma Steingart

Assistant Professor of History
B.A., Columbia University, 2006; Ph.D., Massachusetts Institute of Technology, 2013

Alfred Stepan

Wallace S. Sayre Professor Emeritus of Government, Professor Emeritus of Political Science, and Dean Emeritus of the Faculty of International and Public Affairs
B.A., Notre Dame University, 1958; B.A., Balliol College (U.K.), 1960; M.A., 1960; Ph.D., Columbia University, 1969

Nancy Leys Stepan

Professor Emeritus of History

Ph.D., University of California, Los Angeles, 1971

Anders G. Stephanson

Andrew and Virginia Rudd Family Foundation Professor of History
B.A., University of Gothenburg (Sweden), 1975; B.Phil.,
University of Oxford, 1977; Ph.D., Columbia University, 1986

Rhiannon Stephens

Associate Professor of History
B.A., University of London, 2000; M.A., Northwestern
University, 2002; Ph.D., 2007

Magdalena A. Stern Baczewska

Lecturer in Music
B.M., The New School, 2001; M.M., 2003; DMA., Manhattan
College of Music, 2008

Alan G. Stewart

Professor of English and Comparative Literature
B.A., University of Cambridge, 1988; Ph.D., 1993

Dustin D. Stewart

Assistant Professor of English and Comparative Literature
B.A., Baylor University, 2001; M.A., 2004; Ph.D., University of
Texas, 2013

Joseph E. Stiglitz

University Professor
B.A., Amherst College, 1964; Ph.D., Massachusetts Institute of
Technology, 1967

Brent R. Stockwell

Professor of Biological Sciences and of Chemistry
B.A., Cornell University, 1994; Ph.D., Harvard University, 1999

Salvatore J. Stolfo

Professor of Computer Science
B.S., Brooklyn College - CUNY, 1974; M.S., New York
University, 1976; Ph.D., 1979

Paul Strohm

Anna S. Garbedian Professor Emeritus of the Humanities
B.A., Amherst College, 1960; M.A., University of California,
Berkeley, 1962; Ph.D., 1966

Zoë S. Strother

Riggio Professor of African Art
B.A., Bryn Mawr College, 1982; M.A., Yale University, 1984;
M.A., 1987; Ph.D., 1992

Joowon Suh

Senior Lecturer in East Asian Languages and Cultures
B.A., Sogang University (Korea), 1990; M.A., 1993; M.A.,
Columbia University, 1998; M.Ed., 2000; Ed.D., 2007

Chiara Superti

Lecturer in Political Science
B.A., University of Bologna (Italy), 2006; M.P.I.A., University of
California, 2009; Ph.D., Harvard University, 2015

Peter M. Susser

Senior Lecturer in Music

B.A., Bennington College, 1981; M.M., Manhattan School of
Music, 1984; DMA, Columbia University, 1994

Tomi Suzuki

Professor of East Asian Languages and Cultures
B.A., University of Tokyo, 1974; M.A., 1977; Ph.D., Yale
University, 1988

Jan Svejnar

James T. Shotwell Professor of Global Political Economy
B.S., Cornell University, 1974; M.A., Princeton University, 1976;
Ph.D., 1979

Mariame I. Sy

Lecturer in Middle Eastern, South Asian, and African Studies
M.A., East Stroudsburg University, 1996; M.A., University of
California, Los Angeles, 2003; Ph.D., 2007

Sarah M. Sze

Professor of Visual Arts in the Faculty of the Arts
B.A., Yale University, 1991; M.F.A., School of Visual Arts, 1997

T

Naofumi Tatsumi

Lecturer in East Asian Languages and Cultures
B.A., Ritsumeikan University (Japan), 2001; M.A., University of
Southern Mississippi, 2004; Ph.D., Purdue University, 2012

Simon Tavaré

Professor of Statistics and of Biological Sciences
B.Sc., University of Sheffield (U.K.), 1974; M.S., 1975; Ph.D.,
1979

Michael T. Taussig

Class of 1933 Professor of Anthropology
B.S., University of Sydney (Australia), 1964; M.B., 1964; M.Sc.,
London School of Economics, 1968; Ph.D., 1974

Mark C. Taylor

Professor of Religion
B.A., Wesleyan University, 1968; Ph.D., Harvard University,
1973; Doktorgrad, University of Copenhagen, 1981

Dennis Tenen

Associate Professor of English and Comparative Literature
B.A., University of Michigan, 2001; Ph.D., Harvard University,
2011

Herbert S. Terrace

Professor of Psychology
B.A., Cornell University, 1957; M.A., 1958; Ph.D., Harvard
University, 1961

Michael Thaddeus

Professor of Mathematics
A.B., Harvard University, 1988; D.Phil., University of Oxford,
1992

Yannik Thiem

Associate Professor of Religion

B.A., University of Tuebingen (Germany), 1998; M.A., 2002; Th.D., 2004; M.A., University of California, Berkley, 2004; Ph.D., 2009

Jiang Tianqi

Lecturer in East Asian Languages and Cultures

B.A., Northwestern University, 2010; M.A., Beijing Language and Culture University (China), 2013; Ph.D., 2019

Michael M. Ting

Professor of International and Public Affairs and of Political Science

S.B., Massachusetts Institute of Technology, 1992; A.M., Harvard University, 1995; Ph.D., Stanford University, 1999

Rirkrit Tiravanija

Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.A., Ontario College of Art (Canada), 1984; M.A., School of the Art Institute of Chicago, 1986

T. Colm Toibin

Irene and Sidney B. Silverman Professor of the Humanities

B.A., University College Dublin, 1975

Maya Tolstoy

Professor of Earth and Environmental Sciences

B.Sc., University of Edinburgh, 1988; Ph.D., University of California, San Diego, 1994

Raju Tomer

Assistant Professor of Biological Sciences

B. Tech - M. Tech Dual Degree, Indian Institute of Technology, Delhi, 2004; Ph.D., European Molecular Biology Laboratory, 2010

Pier Mattia Tommasino

Associate Professor of Italian

B.A., Università degli Studi, Pisa (Italy), 2002; M.A., Università degli Studi, Urbino (Italy), 2003; Ph.D., Scuole Normale Superiore, Pisa (Italy), 2009

Liang Tong

William R. Kenan, Jr. Professor of Biological Sciences

B.S., Peking University (China), 1983; Ph.D., University of California, Berkeley, 1989

Adam Tooze

Kathryn and Shelby Cullom Davis Professor of History; Director of the European Institute

Ph.D., London School of Economics, 1996

Maria Tosches

Assistant Professor Biological Sciences

Ph.D., Scuola Normale Superiore (Italy), 2012

Nim Tottenham

Professor of Psychology

B.A., Barnard College, 1996; Ph.D., University of Minnesota, 2005

Lisa Trever

Lisa and Bernard Selz Associate Professor of Pre-Columbian Art History and Archaeology

B.A., Yale University, 2000; M.A., University of Maryland, 2005; A.M., Harvard University, 2007; Ph.D., 2013

Sonam Tsering

Lecturer in East Asian Languages and Cultures

B.A., University of London (United Kingdom), 2005

Takuya Tsunoda

Assistant Professor of Japanese Visual Culture

B.A., Waseda University, 2002; M.A., Columbia University, 2005; M.A., 2008; Ph.D., Yale University, 2015

Philip Michael Tuts

Professor of Physics

B.S., Massachusetts Institute of Technology, 1974; Ph.D., Stony Brook University - SUNY, 1979

Gray Tuttle

Leila Hadley Luce Associate Professor of Modern Tibetan Studies

Ph.D., Harvard University, 2002

Alexander A. Tzagoloff

Alan H. Kempner Professor of Biological Sciences

B.A., Columbia University, 1959; Ph.D., 1962

U**Elsa Ubeda**

Lecturer in Latin American and Iberian Cultures

B.A., University of Barcelona (Spain), 2002; Menéndez Pelayo International University (Spain), 2009

Yasutomo Uemura

Professor of Physics

B.S., University of Tokyo, 1977; M.S., 1979; D.Sc., 1982

Joseph C. Ulichny

Associate in Chemistry

B.S., University of Scranton, 2006; M.A., Columbia University, 2008

Eric Jean-Paul Urban

Professor of Mathematics

Ph.D., University of Paris-Sud, 1994

Nadia Urbinati

Kyriakos Tsakopoulos Professor of Political Theory and Hellenic Studies

Laurea, University of Bologna (Italy), 1977; Master, University of Parma (Italy), 1980; Ph.D., European University Institute of Florence (Italy), 1989

Maria Uriarte

Professor of Ecology, Evolution, and Environmental Biology

B.A., University at Albany - SUNY, 1986; M.A., Yale University, 1995; Ph.D., Cornell University, 2002

Martin Uribe

Professor of Economics

B.A., Universidad Nacional de Córdoba (Argentina), 1987; M.A., University of Centro de Estudios Macroeconómicos de Argentina, 1989; Ph.D., University of Chicago, 1994

Miguel S. Urquiola

Professor of Economics and of International and Public Affairs

B.A., Swarthmore College, 1992; Ph.D., University of California, Berkeley, 2000

V**James J. Valentini**

Henry L. and Lucy G. Moses Professor

B.S., University of Pittsburgh, 1972; M.S., University of Chicago, 1973; Ph.D., University of California, Berkeley, 1976

Paolo Valesio

Guiseppe Ungaretti Professor Emeritus of Italian Literature

Ph.D., University of Bologna (Italy), 1969

Marc Van De Mieroop

Professor of History

B.A., Katholieke Universiteit Leuven (Belgium), 1978; M.A., Yale University, 1980; Ph.D., 1983

Karen R. Van Dyck

Kimón A. Doukas Professor of Hellenic Studies

B.A., Wesleyan University, 1983; M.A., Aristotelian University (Greece), 1985; D.Phil., University of Oxford, 1990

Jacqueline H. van Gorkom

Rutherford Professor of Astronomy

Doctorale, University of Groningen (Netherlands), 1975; Ph.D., 1980

Vladimir Vapnik

Professor of Computer Science

Ph.D., Institute of Control Sciences (Russia), 1964

Achille C. Varzi

Professor of Philosophy

Laurea Hons., University of Trento (Italy), 1982; M.A., University of Toronto, 1983; Ph.D., 1994

Thibault Vatter

Assistant Professor of Statistics

B.Sc., Swiss Federal Institute of Technology, 2010; M.Sc., 2012; Ph.D., HEC Lausanne, 2016

Diane Vaughan

Professor of Sociology and of International and Public Affairs

B.A., Ohio State University, 1973; M.A., 1974; Ph.D., 1979

Jesús R. Velasco

Professor of Latin American and Iberian Cultures

B.A., Universidad de Valladolid (Spain), 1992; M.A. Universidad de Salamanca (Spain), 1993; Ph.D., 1995

Yamil Velez

Assistant Professor of Political Science

B.A., Florida State University, 2010; M.A., Stony Brook University, 2012; Ph.D., 2015

Latha Venkataraman

Professor of Applied Physics and Chemistry

B.S., Massachusetts Institute of Technology, 1993; M.S., Harvard University, 1997; Ph.D., 1999

Venkat Venkatasubramanian

Samuel Ruben-Peter G. Viele Professor of Engineering

Ph.D., Cornell University, 1984

Sudhir A. Venkatesh

William B. Ransford Professor of Sociology

B.A., University of California, San Diego, 1988; M.A., University of Chicago, 1992; Ph.D., 1997

Wouter Vergote

Lecturer in Economics

M.A., Ku Leuven (Belgium), 1999; M. Phil., Columbia University, 2003; Ph.D., 2005

Eric A. Verhoogen

Professor of International and Public Affairs and of Economics

A.B., Harvard University, 1991; M.A., University of Massachusetts Amherst, 1998; Ph.D., University of California, Berkeley, 2004

Gauri Viswanathan

Class of 1933 Professor of English and Comparative Literature

B.A., University of Delhi (India), 1971; M.Ed., Columbia University, 1984; Ph.D., 1985

Katja Vogt

Professor of Philosophy

B.A., University of Munich (Germany), 1990; M.A., 1992; Ph.D., 1996

Katharina Volk

Professor of Classics

M.A., University of Munich (Germany), 1994; M.A., Princeton University, 1996; Ph.D., 1999

Dorothea von Mücke

Gebhard Professor of German Language and Literature

Staatsexamen Germanistik, University of Mannheim (Germany), 1981; M.A., Stanford University, 1983; Ph.D., 1988

Tomas Vu-Daniel

LeRoy Neiman Professor of Professional Practice in Visual Arts in the Faculty of the Arts

B.F.A., University of Texas at El Paso, 1988; M.F.A., Yale University, 1990

Gordana Vunjak-Novakovic

University Professor

Ph.D., University of Belgrade, 1980

W**David Walker**

Higgins Professor of Earth and Environmental Sciences

B.A., Oberlin College, 1968; A.M., Harvard University, 1970; Ph.D., 1972

Nicole B. Wallack*Senior Lecturer in English and Comparative Literature*

B.A., McGill University (Canada), 1988; M.A., University of Edinburgh (United Kingdom), 1989; Ph.D., New York University, 2004

Hailong Wang*Lecturer in East Asian Languages and Cultures*

B.A., Jiangsu Normal University (China); M.A., Shanghai Normal University (China); M.A., Columbia University, 1993

Mu-Tao Wang*Professor of Mathematics*

M.S., National Taiwan University, 1992; Ph.D., Harvard University, 1998

Zhirong Wang*Senior Lecturer in East Asian Languages and Cultures*

B.A., Peking University (China), 1987; Ph.D., University of Wisconsin-Madison, 2003

Christopher J. Washburne*Associate Professor of Music*

B.A., University of Wisconsin, 1986; M.A., Columbia University, 1992; Ph.D., 1999

Michael J. Waters*Assistant Professor of Art History and Archaeology*

B.F.A., University of Illinois at Urbana-Champaign, 2005; M. Arch. History, University of Virginia, 2007; Ph.D., Institute of Fine Arts, New York University, 2015

Gregory J. Wawro*Professor of Political Science*

B.A., Pennsylvania State, 1990; Ph.D., Cornell University, 1997

Elke U. Weber*Jerome A. Chazen Professor of International Business and Professor of Psychology*

B.A., York University (Canada), 1980; Ph.D., Harvard University, 1984

Hannah Weaver*Associate Research Scholar in the Department of English and Comparative Literature*

B.A., Boston University, 2009; M.A., University of Toronto (Canada), 2014; A.M., Harvard University, 2015; Ph.D., 2019

Lance D. Weiler*Associate Professor of Professional Practice in Film in the Faculty of Arts***Erick J. Weinberg***Professor of Physics*

B.S., Manhattan College, 1968; A.M., Harvard University, 1969; Ph.D., 1973

David E. Weinstein*Carl Sumner Shoup Professor of Japanese Economics*

B.A., Yale University, 1985; M.A., University of Michigan, 1988; Ph.D., 1991

Michael I. Weinstein*Professor of Applied Mathematics and of Mathematics*

Ph.D., New York University, 1982

Omri Weinstein*Assistant Professor of Computer Science*

B.Sc., Tel Aviv University, 2010; Ph.D., Princeton University, 2015

Renata Maria Wentzcovitch*Professor of Material Science and Applied Physics, and Earth and Environmental Science*

B.S., University of São Paulo, 1980; M.S., 1982; Ph.D., University of California, Berkeley, 1988

Jennifer Ann Wenzel*Associate Professor of English and Comparative Literature and of Middle Eastern, South Asian, and African Studies*

B.A., University of Texas at Austin, 1990; M.A., Indiana University, 1992; Ph.D., University of Texas, Austin, 1998

Bruce Western*Bryce Professor of Sociology and Social Justice*

B.A., University of Queensland (Australia), 1987; M.A., University of California, Los Angeles, 1990; Ph.D., 1993

Harrison C. White*Giddings Professor Emeritus of Sociology*

B.Sc., Massachusetts Institute of Technology, 1950; Ph.D., 1955; Ph.D., Princeton University, 1960

Joshua D. Whitford*Associate Professor of Sociology*

B.A., University of Wisconsin-Madison, 1993; M.S., 1997; Ph.D., 2003

Sebastian Will*Assistant Professor of Physics*

Diplom., Johannes Gutenberg University Mainz 2006; Ph.D., 2011

Gareth D. Williams*Anthony Professor of Latin Language and Literature*

B.A., University of Cambridge, 1986; Ph.D., 1990

Jack J. Willis*Assistant Professor of Economics*

B.A., University of Cambridge, 2006; M.A., Paris School of Economics, Université Paris I, 2009; Ph.D., Harvard University, 2017

Andreas Wimmer*Lieber Professor of Political Philosophy*

M.A., University of Zurich, 1989; D.Phil., 1992

Jason M. Wingard

Professor of Professional Studies

B.A., Stanford University, 1995; M.A., Emory University, 1996; Ed.M., Harvard University, 1997; Ph.D., University of Pennsylvania, 2000

Inga T. Winkler

Lecturer in Political Science

Ph.D., Heinrich Heine University (Germany), 2010

Emma L. Winter

Assistant Professor of History

B.A., University of Cambridge, 1998; M.A., 2001; M.Phil., 1999; Ph.D., 2005

Peter G. Woit

Senior Lecturer in Mathematics

A.B., M.A., Harvard University, 1979; Ph.D., Princeton University, 1985

Michael Woodford

John Bates Clark Professor of Political Economy

A.B., University of Chicago, 1977; J.D., Yale University, 1980; Ph.D., Massachusetts Institute of Technology, 1983

Sarah Woolley

Professor of Psychology

B.A., University of Colorado, 1991; Ph.D., University of Washington, 1999

Henryk Wozniakowski

Professor Emeritus of Computer Science

M.S., University of Warsaw, 1969; Ph.D., 1972

Chen Wu

Lecturer in East Asian Languages and Cultures

B.A., Fudan University (China), 2006; M.A., 2009; M.A., University of Wisconsin-Madison, 2011; Ph.D., 2016

Eugene Wu

Assistant Professor of Computer Science

Ph.D., Massachusetts Institute of Technology, 2014

X**Jia Xu**

Lecturer in East Asian Languages and Cultures

B.A., Beijing Language and Culture University, 2005; M.Ed., 2009

Y**Lili Yamasaki**

Lecturer in Biological Sciences

B.S., University of Michigan, 1982; Ph.D., University of Texas at San Antonio, 1991

Ling Yan

Senior Lecturer in East Asian Languages and Cultures

B.A., Northwest University, 1986; M.A., Northwestern Polytechnical University (China), 1996; Ph.D., University of Kansas, 2005

Jian Yang

Professor of Biological Sciences

M.S., Academia Sinica (Taiwan), 1985; Ph.D., University of Washington, 1991

Junfeng Yang

Associate Professor of Computer Science

B.S., Tsinghua University (China), 2000; M.S., Stanford University, 2002; Ph.D., 2008

Zhaohua Yang

Sheng Yen Assistant Professor of Chinese Buddhism

Ph.D., Stanford University, 2013

Mihalis Yannakakis

Percy K. and Vida L. W. Hudson Professor of Computer Science

Dipl., National Technical University of Athens, 1975; M.S., Ph.D., Princeton University, 1979

Keren Yarhi-Milo

Professor of Political Science and the School of International Public Affairs

B.A., Columbia University, 2003; Ph.D., University of Pennsylvania, 2010

Tuncel M. Yegulalp

Professor Emeritus of Mining in the Department of Earth and Environmental Engineering

Eng.Sc.D., Columbia University, 1968

David M. Yerkes

Professor of English and Comparative Literature

B.A., Yale University, 1971; B.A., University of Oxford, 1973; D.Phil., 1976

Hyunkyu Yi

Lecturer in East Asian Languages and Cultures

B.A., Yonsei University (Korea), 1982; M.A., 1987

Zhiliang Ying

Professor of Statistics

B.S., Fudan University (China), 1982; M.A., Columbia University, 1984; Ph.D., 1987

Gabriel J. Young

Lecturer in Statistics

B.S., Metropolitan State University of Denver, 2009; M.S., Colorado State University, 2012; Ph.D., 2016

Chun-Fang Yu

Sheng Yen Professor Emerita of Chinese Buddhism and Professor Emerita of East Asian Languages and Cultures

Ph.D., Columbia University, 1973

Ming Yuan

Professor of Statistics

B.S., University of Science and Technology of China, 1997; M.S., 2000; M.S., University of Wisconsin-Madison, 2003; Ph.D., 2004

Rafael Yuste

Professor of Biological Sciences and of Neuroscience

M.D., Autónoma de Madrid, 1987; Ph.D., Rockefeller University, 1992

Z

Syed Akbar Zaidi

Professor of Middle Eastern, South Asian, and African Studies and of International and Public Affairs

B.Sc., University College London, 1980; M.Sc., London School of Economics and Political Science, 1982; M.Phil., University of Cambridge, 1993; Ph.D., 2009

William A. Zajc

I.I. Rabi Professor of Physics

B.S., California Institute of Technology, 1975; Ph.D., University of California, Berkeley, 1982

Konstantina Zanou

Assistant Professor of Italian

B.A., National School of Dramatic Art, Greece, 1997; B.A., National and Kapodistrian University of Athens, 2000; M.A., Birkbeck College, University of London, 2002; Ph.D., University of Pisa (Italy), 2007; European Doctorate, École Normale Supérieure (France), 2008

Elleni Zeleke

Assistant Professor of Middle Eastern, South Asian, and African Studies

Ph.D., York University (Canada), 2016

Tanya Zelevinsky

Associate Professor of Physics

S.B., Massachusetts Institute of Technology, 1999; A.M., Harvard University, 2001; Ph.D., 2004

Madeleine H. Zelin

Dean Lung Professor of Chinese Studies

B.A., Cornell University, 1970; Ph.D., University of California, Berkeley, 1979

James E.G. Zetzel

Anthon Professor Emeritus of the Latin Language and Literature

A.B., Harvard University, 1968; A.M., 1970; Ph.D., 1973

Changxi Zheng

Assistant Professor of Computer Science

M.S., Cornell University, 2010; Ph.D., 2012

Tian Zheng

Professor of Statistics

B.Sc., Tsinghua University (China), 1998; M.A., Columbia University, 2000; Ph.D., 2002

Xiaoyang Zhu

Howard Family Professor of Nanoscience in the Department of Chemistry

B.S., Fudan University (China), 1984; Ph.D., University of Texas at Austin, 1989

Alan Ziegler

Professor of Professional Practice

B.A., Union College, 1970; M.A., City College of New York - CUNY, 1974

Eliza Zingesser

Assistant Professor of French and Romance Philology

B.A., Smith College, 2005; M.A., Princeton University, 2008; Ph.D., 2012

BOARD OF VISITORS 2019–20

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James H. Dignan '91

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Anna Fang-Hamm '04

Andrew A. Fink '91, LAW'94

Dede Gardner '90

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Joel I. Klein Esq. '67

Hugh James Lawson '91

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Eric A. Mendelson '87, BUS'89, P: '17, '18, BUS'20

Adam R. Meshel Esq. '92, LAW'95, P: '18, '23

Jen Maxfield Ostfeld '99, JRN'00

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John A. Rogovin '83, P: '23

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Teresa M. Saputo-Crerend '87, BUS'92, P: '22

Michael S. Satow '88, P: '21

Michael J. Schmidtberger Esq. '82, LAW'85, P: SEAS'22

Xiangdong "Adam" Tan, P: '21

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

Sharmila H. Tuttle '96, SIPA'05

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Alisa Amarosa Wood '01, BUS'08

OFFICERS OF COLUMBIA COLLEGE 2019–2020

James J. Valentini

Dean of Columbia College and Vice President for Undergraduate Education

B.S., University of Pittsburgh, 1972; M.S., University of Chicago, 1973; Ph.D., University of California, Berkeley, 1976

Corey S. Aronstam

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

Susan Chang-Kim

Vice Dean and Chief Administrative Officer of Columbia College

B.A., University of Maryland, 1993; M.A., Teachers College, Columbia University, 2005

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

Cristen Scully Kromm

Dean of Undergraduate Student Life

B.A., Wheaton College, 1995; M.S.W., New York University, 1998

Kavita Sharma

Dean of Career Education and Acting Dean, Office of Global Programs and Fellowships

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

Bernice Tsai

Associate Dean for Columbia College Alumni Relations and Communications

B.A., Columbia University, 1996; M.B.A., Northwestern University, 2001

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

Chanda Bennett

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

B.S., Cornell University, 1996; M.A., Columbia University, 2001; M.Phil., 2004; Ph.D., 2007

Jillian Burdziak

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

B.A., Boston College, 2010; M.A., Teachers College, Columbia University, 2013

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 of Global Education and Fellowships

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

Daveena Colwell

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

B.A., Rutgers University, 2009; Ed.M., 2013

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

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

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 V. 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

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

Michael Hall

Executive Director, Financial Aid and Enrollment Operations

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

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

Susan Jordan

Director of Family Outreach and Support

B.A., Hobart and William Smith Colleges, 2006; M.A., Teachers College, Columbia University, 2019

Fay Ju

Associate Dean of Columbia Global Programs

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

Stephanie King

Director of Student Wellness, Student and Family Support

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

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

Josh Lucas

Executive Director of Student Community Programs, Undergraduate Student Life

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

Victoria Malaney Brown

Director of Academic Integrity

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

Joanna May

Associate Dean and Director of Undergraduate Admissions

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

A. Nicole Mihnovets

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

B.S., Virginia Tech, 1999; M.E.M., Duke University, 2005; M.A., Columbia University, 2011; M.Phil., 2012; Ph.D., 2017

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

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

Matthew Patashnick

Assistant Dean of Student and Family Support

B.A., George Washington University, 2002; M.Ed., University of Massachusetts, Amherst, 2004; Ed.D., University of Pennsylvania, 2016

Jennifer Preis

Associate Dean of Experiential Education, Center for Career Education

B.S., Fairfield University, 2004

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

Erica Siegel

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

B.A., Columbia University, 1998; M.A., 2005; Ph.D., 2010

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., University of Vienna, 2002; M.Ed., Harvard University, 2003; M.A., Teachers College, Columbia University, 2014; M.Ed., 2014; M.S., Columbia School of Journalism, 2019

Jamie Yen Tan

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

B.A., University of California, Berkeley, 2010; M.Div., Princeton Theological Seminary, 2015

Stephanie Wolfe

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

B.A., Columbia University, 2005; M.A., Northwestern University, 2011; Ph.D., 2016

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; M.A., Columbia University, 1987; M.Phil., 1992; Ph.D., 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 ([http://
undergrad.admissions.columbia.edu](http://undergrad.admissions.columbia.edu))
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

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 **2019–2020 academic year** of nine months is as follows:

Tuition	\$58,920
Mandatory Fees	\$2,930
Average Room and Board Cost	\$14,490
Books and Personal Expenses	\$3,474
Travel	varies
Total	\$79,814 + Travel

There is an additional charge of \$475 for new students who are required to attend Orientation.

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

FEES

The following fees, prescribed by statute for each Fall or Spring term, are subject to change at any time at the discretion of the Trustees. The fees shown are those in effect during the 2019–2020 academic year.

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

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

Tuition 2019–2020

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 2019–2020 is \$29,460 a term.

Postgraduate special students and degree candidates enrolled for a ninth term are billed according to the per-point system; the per-point cost is \$1,968.

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	\$1,762
Columbia Health and Related Services Fee	\$1,168
Total	\$2,930

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 \$100 each term, totaling \$200 for academic year 2019–2020. This fee supports the University's services to international students.

Columbia Health and Related Services Fee and Student Health Insurance Premiums

Columbia Health and Related Services Fee

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

- Alice! Health Promotion
- Counseling and Psychological Services
- Disability Services
- Medical Services, including the Gay Health Advocacy Project (GHAP)
- Sexual Violence Response (students who do not pay the fee can also access these services)

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

The Columbia Health and Related Services Fee is billed separately for each term. The periods of coverage and fees for 2019–2020 are as follows:

Fall Term	August 15, 2019– December 31, 2019	\$584
Spring Term	January 1, 2020– August 14, 2020	\$584

Student Health Insurance Premiums

The University policy requires all full-time students and all international students to have acceptable health insurance coverage, in addition to on-campus programs and services provided by Columbia Health. Columbia University offers the Student Health Insurance Plan (Columbia Plan), administered and underwritten by Aetna Student Health.

As with all health insurance programs, there are limits and restrictions to the coverage provided by the Columbia Plan. Please visit the Columbia Health Insurance website for rates and plan details: <http://health.columbia.edu/insurance>.

Domestic students who already have an alternate insurance plan that meets established criteria set by Columbia Health may request a waiver from enrollment through Student Services Online (SSOL) (<https://ssol.columbia.edu/>) before the deadline (September 30 for Fall enrollment; February 15 for new Spring enrollment; or June 15 for new Summer enrollment). All waiver requests are considered, but approval is not guaranteed.

Students must make an enrollment/waiver request on SSOL **each year**. For the current dates of the open enrollment period, visit <http://health.columbia.edu/insurance> (<http://health.columbia.edu/insurance/>).

Domestic students who do not confirm enrollment into the Columbia Plan and drop below full-time status during the Change of Program period (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>) will have their Health and Related Services Fee refunded.

International Students

Navigating the U.S. health care 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**. Please contact the Student Health Insurance Team with any questions. They can be reached via studentinsurance@columbia.edu, 212-854-3286, or by visiting the office on the 3rd Floor of John Jay Hall.

For detailed information about Columbia Health, the Student Health Insurance Plan, or submitting a waiver request (domestic students only), visit <http://health.columbia.edu/insurance> (<http://health.columbia.edu/insurance/>) or call 212-854-3286.

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 (<http://www.cc-seas.columbia.edu/csa/>) 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. The Columbia Health and Related Services Fee is non-refundable and the Student Health Insurance Plan premium will be refunded in accordance with the Columbia Health Insurance Office insurance eligibility withdrawal policy: <http://health.columbia.edu/student-insurance/eligibility> (<http://health.columbia.edu/student-insurance/eligibility/>).

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 Columbia 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 Columbia 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 (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>), i.e., by the end of the second week of classes. Students who are not registered for at least 12 points by the end of the Change of Program period will be withdrawn from Columbia College.

Fall and Spring Term Tuition Refund Schedule

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

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

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

Mailing Address

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

Office Location

618 Alfred Lerner Hall
2920 Broadway
New York, NY 10027

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

Telephone: 212-854-3711

Fax: 212-854-5353

Email: ugrad-finaid@columbia.edu

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

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

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

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

The following listing of named scholarship funds have been generously donated by alumni, parents, and friends of Columbia College and are the cornerstone of the College's need-based and full need financial aid program. 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'21.

SHEPARD L. ALEXANDER SCHOLARSHIP FUND

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

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 CC'23, LAW'25 ^.

ALUMNI SCHOLARSHIP FUND

(1935) Gift of the Alumni Fund.

GEORGE J. AMES/LAZARD FRERES SCHOLARSHIP FUND

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

ERICA L. AMSTERDAM FAMILY SCHOLARSHIP FUND FOR COLUMBIA COLLEGE

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

CATHERINE AND DENIS ANDREUZZI SCHOLARSHIP FUND

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

JULIO LOUIS ANON AND ROBERT A. KAMINSKI SCHOLARSHIP FUND

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

ANONYMOUS SCHOLARSHIP FUND

(2011) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND

(2013) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND

(1984) Gift of an anonymous donor.

ANONYMOUS FUND FOR STUDENT AID #2

(1954) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND III IN COLUMBIA COLLEGE

(1987) Gift of an anonymous donor.

ANONYMOUS #241 COLUMBIA COLLEGE SCHOLARSHIP FUND

(1992) Gift of an anonymous donor.

ANONYMOUS 22076 SCHOLARSHIP FUND

(2008) Gift of an anonymous donor.

ANONYMOUS 32476 SCHOLARSHIP FUND

(2012) Gift of an anonymous donor.

ANONYMOUS 351942 SCHOLARSHIP FUND

(2008) Gift of an anonymous donor.

ANONYMOUS 32994 SCHOLARSHIP FUND

(2015) Gift of anonymous donor.

ANONYMOUS 379772

(2019) Gift of anonymous donor.

ANONYMOUS 456135

(2019) Gift of an anonymous donor.

RAYMOND F. ANTIGNAT SCHOLARSHIP FUND

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

VIMLA AND DEVENDRA NATH AVASTHI GOLDMAN SACHS SCHOLARSHIP

(2017) Gift of Pawan Tewari BUS'94, P: CC'20.

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 ^.

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

VICTOR AUERBACH ESTATE SCHOLARSHIP GIFT

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

BERTHA AND WILLIAM AUGENBRAUN ENDOWED SCHOLARSHIP FUND AT COLUMBIA COLLEGE

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

B

A. JAMES AND VONA HOPKINS BACH SCHOLARSHIP FUND

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

FREDERICK AND ELEANORE BACKER SCHOLARSHIP FUND

(1984) Bequest of Eleanore W. Backer.

KAMEL S. BAHARY SCHOLARSHIP FUND

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

BAKER FAMILY SCHOLARSHIP FUND

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

GARY THOMAS BAKER SCHOLARSHIP FUND

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

ADELLE PHYLLIS BALFUS SCHOLARSHIP FUND

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

ALFRED M. BARABAS MEMORIAL FUND

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

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.

MILTON B. AND EDITH C. BASSON ENDOWMENT FUND

(1987) Bequest of Milton B. Basson CC'29.

CLEMENT AND ELIZABETH PROBASCO BEACHEY SCHOLARSHIP FUND

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

ROBERT L. BELKNAP SCHOLARSHIP FUND

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

WILLIAM C. AND ESTHER HOFFMAN BELLER SCHOLARSHIP FUND

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

WILLIAM AITKEN BENSEL MEMORIAL ENDOWMENT

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

HERBERT R. BERK SCHOLARSHIP FUND

(1999) Bequest of Ruth L. Berk in memory of her husband, Herbert R. Berk CC'28, LAW'30.

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.

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'23.

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 and 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.

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 and James T. Brett CC'84, BUS'90, P: CC'18, CC'21.

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

BRIGHT SCHOLAR - COLUMBIA SCHOLARSHIP FUND
(2017) Gift of the Bright Scholar Education Group.

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

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

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

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

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

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

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

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'25.

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, PS'45 ^, P: BUS'70, BUS'82.

DR. ELI BRYK SCHOLARSHIP FUND
(1999) Gift of Eli Bryk CC'78, PS'82, P: CC'07, CC'08, CC'10, CC'13, BC'03, BUS'11, GSAS'10, JRN'14, LAW'11, PS'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'22, GSAS'35 ^.

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

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

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

C

JOHN T. CAHILL MEMORIAL SCHOLARSHIP FUND
(1967) Gift of various donors in memory of John T. Cahill CC'24.

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 Steven C. Calicchio Foundation.

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 James, Campbell CC'04, Margaret Campbell CC'13, William Vincent Campbell, and Eileen Bocci.

CENTRAL DELICATESSEN FUND

(2015) Gift of an anonymous donor.

DOUGLAS A. CHADWICK, JR. SCHOLARSHIP FUND

(2004) Gift of Douglas A. Chadwick CC'61, BUS'62.

FRANK W. CHAMBERS SCHOLARSHIP FUND

(1950) Gift of various donors in memory of Frank W. Chambers CC 1906.

SOU CHAN SCHOLARSHIP FUND

(1949) Gift of Sou Chan.

RYAN CHANG SCHOLARSHIP FUND

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

SO YOUNG CHANG FAMILY SCHOLARSHIP FUND

(2015) Gift of So Young Chang BUS'02.

JOYCE CHANG SCHOLARSHIP FUND

(2016) Gift of David Robbins and Joyce Chang CC'87.

CHANG CHAN YUK PING SCHOLARSHIP FUND

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

CHAPMAN FAMILY SCHOLARSHIP FUND

(2015) Gift of Kenneth B. Chapman CC'97.

SIMEON B. JR. CHAPIN SCHOLARSHIP FUND

(1992) Gift of Mary B. Chapin.

JOHN CHEE SCHOLARSHIP FUND

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

CHARLIE CHO SCHOLARSHIP FUND

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

STEVEN AND JULIE-ANN CHO SCHOLARSHIP

(2019) Gift of Julie-Ann L. Cho P: CC'21 and Steven Y. Cho P: CC'21.

THE CHODASH FAMILY SCHOLARSHIP FUND

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

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, PS'49.

PHILLIP AND THEODORA CHRISTIE ENDOWED SCHOLARSHIP

(2016) Bequest of Theodora and Phillip Christie.

JEREMIAH AND YOLANDA CIANCIA FAMILY SCHOLARSHIP FUND

(2008) Gift of Jeremiah and Yolanda Cancia Foundation.

RICHARD H. CIPOLLA MEMORIAL SCHOLARSHIP FUND

(1981) Gift of John 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 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

(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, PS'86 and the George A. Hyman Revocable Trust in memory of Barry's father, George A. Hyman CC'42, PS'45, P: CC'77, PS'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 the Class of 1997 in honor of the fifteenth anniversary of their graduation.

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

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

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

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

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

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

PETER AND JOAN COHN SCHOLARSHIP FUND
(2004) Gift of Peter F. Cohn CC'58, PS'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.

MADELEINE L. COLEMAN SCHOLARSHIP FUND
(2018) Gift of Steven E. Coleman and Laura B. Coleman.

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

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

COLUMBIA COLLEGE SCHOLARSHIP 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.

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.

COOK FAMILY FUND

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

THE THOMAS AND NANCY CORNACCHIA FAMILY SCHOLARSHIP FUND

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

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'25.

PAUL AND LILLIAN COSTALLAT SCHOLARSHIP FUND

(1972) Bequest of Lillian and Paul Costallat.

BERTHE COSTIKYAN SCHOLARSHIP FUND

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

CHARLES HALSTEAD COTTINGTON SCHOLARSHIP FUND - COLUMBIA COLLEGE

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

LOUISE CRAIGMYLE SCHOLARSHIP FUND

(1960) Gift of Louise Craigmyle ^.

CHESTER W. CUTHELL CLASS OF 1905 SCHOLARSHIP FUND

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

D

FATHER JOHN K. DALY MEMORIAL SCHOLARSHIP FUND

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

CHARLES ANDERSON DANA SCHOLARSHIP FUND

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

HORACE E. DAVENPORT FUND

(1958) Gift of Horace E. Davenport CC'29 ^.

VERA B. DAVID SCHOLARSHIP FUND

(1963) Bequest of Vera B. David.

A.M. DAVIS SCHOLARSHIP FUND

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

AL DAVIS SCHOLARSHIP FUND

(2015) Gift of Hank Davis CC'63.

ARTHUR M. DAVIS SCHOLARSHIP FUND

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

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'21.

THE RAUL J. DE LOS REYES MEMORIAL SCHOLARSHIP FUND

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

RICHARD AND DANIELA DE LOS REYES SCHOLARSHIP FUND

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

HERBERT A. DEANE SCHOLARSHIP FUND

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

THE DEBART SCHOLARSHIP FUND - COLUMBIA COLLEGE

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

DELOITTE AND TOUCHE SCHOLARSHIP GIFT

(2003) Gift of various donors.

LEONARDO C. AND MARY M. DE MORELOS SCHOLARSHIP FUND

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

DEMA SCHOLARSHIP FUND

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

FRANK W. DEMUTH SCHOLARSHIP FUND

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

LELAND S. DENNING SCHOLARSHIP FUND

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

ROBERT STEVEN DENNING SCHOLARSHIP FUND

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

ROBERT STEVEN DENNING SCHOLARSHIP FUND

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

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

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

WILLIAM B. AND ALAN TAYLOR DEVOE SCHOLARSHIP FUND

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

WILLIAM AND IDA H. DEWAR FINANCIAL ASSISTANCE AND SCHOLARSHIP FUND

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

EDWARD WILSON DEWILTON SCHOLARSHIP FUND

(1974) Bequest of Rollo Linamore DeWilton CC 1910.

SIDNEY R. AND ARTHUR W. DIAMOND SCHOLARSHIP FUND

(1986) Gift of Arthur W. Diamond CC'25, LAW'26 ^ and Sidney R. Diamond CC'20, LAW'22 ^, 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.

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

(2001) Bequest of William A.S. Dollard CC'24, GSAS'26.

MARTIN DORSCH STUDENT ASSISTANCE FUND

(1978) Bequest of Martin Dorsch.

ROGER E. DOUNCE SCHOLARSHIP FUND

(2014) Bequest of Shirley A. Ingalls.

PAUL SEYMOUR DREUX SCHOLARSHIP FUND

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

DRL FUND

(2010) Gift of an anonymous donor.

AVRAM DRORI SCHOLARSHIP FUND

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

ELIZABETH AND DANIEL DWYER SCHOLARSHIP FUND

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

THE DYCKMAN INSTITUTE SCHOLARSHIP FUND

(1943) Gift of the Dyckman Institute.

E

EDWARD MEAD EARLE SCHOLARSHIP FUND

(1954) Bequest of Edward Mead Earle.

DANIEL EASTMAN SCHOLARSHIP FUND

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

BERIL EDELMAN MEMORIAL SCHOLARSHIP FUND

(1997) Gift of Joan Goody ^ in memory of her father, Beril Edelman CC'24, SEAS'26.

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.

ADOLPHUS EHRLICH SCHOLARSHIP FUND

(2011) Bequest of Adolphus O. Ehrlich.

BURTT R. EHRLICH MEMORIAL FUND

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

THE ERIC EISNER SCHOLARSHIP FUND

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

ABIGAIL ELBAUM SCHOLARSHIP FUND

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

DANIEL GIRAUD ELLIOT FUND

(1949) Bequest of Margaret Henderson Elliot.

THE DAVID AND ALICE ENG FAMILY SCHOLARSHIP FUND

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

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.

THE ANTONIO FALCONE SCHOLARSHIP

(2019) Gift of Stephanie Falcone Bernik CC'89.

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, PS'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'26.

FINK FAMILY SCHOLARSHIP FUND

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

CAROL AND JOHN FINLEY SCHOLARSHIP FUND

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

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'29, GSAS'39.

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 BROOK FULCHER, JR. SCHOLARSHIP FUND

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

FUND DEVELOPMENT CONCIL DC SCHOLARSHIP FUND

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

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.

GEHRIG SCHOLARSHIP FUND
(1958) Gift of Mel Allen and various donors in honor of Lou Gehrig CC'25 ^.

GEORGE AUGUSTUS GEIGER SCHOLARSHIP FUND
(1976) Bequest of Louise L. Geiger.

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

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

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'22.

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, PS'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.

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

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.

H. HAROLD GUMM AND ALBERT VON TILZER SCHOLARSHIP FUND
(1998) Bequest of H. Harold Gumm CC 1901, LAW 1904.

GURIAN FAMILY SCHOLARSHIP FUND

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

LAWRENCE GUSSMAN COLUMBIA COLLEGE SCHOLARSHIP FUND

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

H**G. HENRY HALL FUND**

(1915) Bequest of George Henry Hall.

SEWARD HENRY HALL SCHOLARSHIP FUND

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

DAVID HALPERIN ATHLETIC SCHOLARSHIP FUND

(2018) Gift of David Halperin CC'65.

ALBERT J. HAMBRET FUND

(1969) Bequest of Albert J. Hambret.

ALEXANDER HAMILTON SCHOLARSHIP FUND

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

GEORGE HAMMOND SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2004) Bequest of George Hammond CC'28.

JINDUK HAN AND FAMILY SCHOLARSHIP FUND

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

ELLEN KING HAND MEMORIAL FUND

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

HAO FAMILY SCHOLARSHIP FUND

(2015) Gift of Kenneth Hao.

JAMES RENWICK HARRISON SCHOLARSHIP FUND

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

PROFESSOR C. LOWELL HARRISS SCHOLARSHIP FUND

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

VIRGINIA HARROLD SCHOLARSHIP

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

LAWRENCE S. HARTE SCHOLARSHIP FUND

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

THE PETER AND HILARY HATCH SCHOLARSHIP FUND

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

PERCY D. HAUGHTON MEMORIAL FUND

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

HENRY FIELD HAVILAND SCHOLARSHIP FUND

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

DEAN HERBERT E. HAWKES MEMORIAL FUND

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

DEAN HERBERT E. HAWKES MEMORIAL SCHOLARSHIP FUND

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

CHARLES HAYDEN MEMORIAL SCHOLARSHIP FUND

(1945) Gift of the Charles Hayden Foundation.

WILLIAM RANDOLPH HEARST FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the William Randolph Hearst Foundation.

THE ROBERT M. HECKER SCHOLARSHIP FUND

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

JOSEPH AND MARION HEFFERNAN SCHOLARSHIP FUND

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

HELLENIC STUDENT FUND

(2013) Gift of an anonymous donor.

M. AND M. HERMAN SCHOLARSHIP FUND

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

STEPHEN A. HERMIDES SCHOLARSHIP FUND

(1983) Bequest of Stephen A. Hermides.

RICHARD HERPERS MEMORIAL SCHOLARSHIP FUND

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

DAVID B. HERTZ COLLEGE/ENGINEERING INTERSCHOOL SCHOLARSHIP FUND

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

OREN C. HERWITZ 1930 MEMORIAL ENDOWED SCHOLARSHIP FUND

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

ANDREW L. HERZ SCHOLARSHIP FUND

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

ROBERT IRWIN HERZ MEMORIAL FUND

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

ABRAM S. HEWITT MEMORIAL

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

ABRAM S. HEWITT SCHOLARSHIP FUND

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

PROFESSOR GEORGE W. HIBBITT MEMORIAL SCHOLARSHIP FUND

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

RICHARD AND CHRISTIANE HIEGEL SCHOLARSHIP FUND

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

NORMAN HILDES-HEIM FUND

(2013) Gift of the Hildes-Heim Foundation.

DAVID AND NANCY HILLIS SCHOLARSHIP FUND

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

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.

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'24, LAW'28.

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.

GEDALE B. AND BARBARA S. HOROWITZ SCHOLARSHIP FUND

(2000) Gift of Gedale B. Horowitz CC'53, LAW'55, P: BC'83, LAW'89.

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.

HOWARD FAMILY SCHOLARSHIP

(2015) Gift of an anonymous donor.

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

(1970) Bequest of Francis D. Huber CC'25, PS'28 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'27, GSAS'28, GSAS'32 ^, P: PS'66.

THE CRONIN HURST FAMILY SCHOLARSHIP

(2019) Gift of Christine Cronin-Hurst CC'84.

HAROLD M. STEWART AND MARY STEWART HUTCHENS ENDOWMENT FUND

(2013) Bequest of Mary Stewart Hutchens.

ALLEN HYMAN SCHOLARSHIP FUND

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

ANDREW HYMAN AND MOLLY CHREIN SCHOLARSHIP FUND

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

I

THE CASEY ICHNIOWSKI MEMORIAL FUND

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

HELEN K. IKELER SCHOLARSHIP FUND

(1996) Bequest of Helen K. Ikeler GSAS'28.

ANTHONY M. IMPARATO, M.D. SCHOLARSHIP FUND
(1988) Gift of Anthony M. Imparato CC'43.

MARGARET MILAM INSERNI SCHOLARSHIP FUND
(2016) Gift of Margarita Inserni P: CC'16.

INTERNATIONAL STUDENTS SCHOLARSHIP FUND
(2018) Gift of anonymous donors.

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

J

MARTIN D. JACOBS MEMORIAL FUND
(1987) Gift of Stephen Jacobs CC'75 in memory of his father, Martin D. Jacobs CC'25, LAW'27, 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'27, LAW'29 ^, P: CC'88 in honor of his daughter, Rebecca Jaffe CC'88.

GEORGE M. JAFFIN SCHOLARSHIP FUND
(1986) Gift of George M. Jaffin CC'24, LAW'26 ^.

DOROTHEA JAMESON AND LEO M. HURVICH SCHOLARSHIP FUND
(2011) Bequest of Leo M. Hurvich.

THE LANCY C. JEN SCHOLARSHIP FUND
(2007) Gift of the Pei-Ling Charitable Trust.

JM SCHOLARSHIP FUND
(2009) Gift of an anonymous donor.

THE CLARENCE C. JOCHUM SCHOLARSHIP FUND
(1999) Gift of Clare Kim Plumridge in memory of her father, Clarence C. Jochum 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.

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.

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

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, PS'97, P: CC'20.

EDWARD C. & ELIZABETH B. KALAJDJIAN 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, SEAS'20.

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

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

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

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

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

JUDY AND JEANETTE KATEMAN MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Paul R. Kateman CC'64, P: CC'89, CC'93, LAW'92 in memory of his wife, Judith A.B. Kateman P: CC'89, CC'93, LAW'92, and mother, Jeanette Kateman P: CC'64.

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

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

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

ELLWOOD WADSWORTH KEMP, JR., COLUMBIA COLLEGE CLASS OF 1919 MEMORIAL SCHOLARSHIP FUND
(1990) Bequest of Morris Kemp CC'24, GSAS'25, LS'36 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.

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 PS'23 ^.

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

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

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

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

KILLOUGH (WALTER H.D.) FUND FOR ERASMUS HALL SCHOLARSHIPS

(1988) Bequest of Walter H. D. Killough in memory of his father, James H. Killough.

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

SANG AND BORAH KIM FAMILY SCHOLARSHIP FUND
(2014) Gift of Borah and Sang Kim CC'92.

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.

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'23, LAW'25.

DAVID H. KRAFT SCHOLARSHIP FUND
(1995) Gift of Gilman Kraft CC'47 ^, BC'86.

ROBERT KRAFT FAMILY SCHOLARSHIP FUND
(1986) Gift of Robert K. Kraft CC'63, P: CC'94.

FREDERICK AND RICHARD KRAMER FAMILY SCHOLARSHIP FUND
(2019) Gift of Richard Kramer CC'87.

KRAMER ENDOWED SCHOLARSHIP FUND
(1965) Gift of the Kramer Foundation.

ROBERT J. KRANE AND JULIUS Y. GRAFF SCHOLARSHIP FUND
(1997) Gift of Robert J. Krane CC'63 ^, P: '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
(1913) 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'17.

JOSEPH WOOD KRUTCH SCHOLARSHIP FUND #2
(1973) Gift of Marcelle L. Krutch ^ in memory of her husband, Joseph W. Krutch GSAS'24, '54 HON.

RICK KURNIT AND DIANE KATZIN SCHOLARSHIP FUND
(2008) Gift of Richard A. Kurnit CC'72.

THE KUNG AND YEUNG SCHOLARSHIP FUND
(2011) Gift of Ann Y. and Kenneth C.P. Kung P: CC'11, CC'19.

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

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

L

LAACU ENDOWED SCHOLARSHIP FUND
(2015) Gift of various donors.

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

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

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

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

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

DENNIS '71, SUSAN, WILLIAM '04 AND THOMAS '08 LANGER SCHOLARSHIP FUND
(2001) Gift of Susan F. and Dennis H. Langer CC'71, P: CC'04, CC'08.

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

PETER I. B. LAVAN SCHOLARSHIP FUND

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

JONATHAN AND JEANNE LAVINE SCHOLARSHIP FUND
(2011) Gift of Jonathan S. Lavine CC'88, P: CC'16, CC'18.

THE GEORGE AND EVA KOONS LAVOLIS SCHOLARSHIP FUND IN MEMORY OF EVE'S PARENTS BY DR. MARTIN RAYMOND AND EVE LEWELLIS LEBOWITZ
(1995) Gift of Eve Lebowitz ^.

PAUL LAZARE SCHOLARSHIP FUND
(1987) Gift of Paul L. Lazare CC'36 ^.

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

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

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

DANNY L. LEE SCHOLARSHIP FUND
(2016) Gift of Danny L. Lee CC'95.

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

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

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

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

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.

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.

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

THE LEVINE FAMILY SCHOLARSHIP FUND

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

LEONARD LEVINE SCHOLARSHIP FUND

(1984) Gift of Rachelle Levine ^ in memory of her husband, Leonard Levine BUS'21.

JOHN TAYLOR LEWIS SCHOLARSHIP FUND

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

THE KUO-LIANG LIN SCHOLARSHIP

(2019) Gift of David Liu CC'91 and Tina Liu CC'91.

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'27.

LI LU '96 SCHOLARSHIP FUND

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

STANLEY B. AND JUDITH M. LUBMAN SCHOLARSHIP FUND

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

A. LEONARD LUHBY CLASS OF 1938 SCHOLARSHIP FUND

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

LUI FAMILY SCHOLARSHIP

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

LYON STUDENT SCHOLARSHIP FUND FOR COLUMBIA COLLEGE

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

M

M&BG SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

RICHARD C. AND LINAN MA SCHOLARSHIP FUND

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

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, PS'89.

DR. LEO C. MAITLAND SCHOLARSHIP FUND

(2012) Gift of Tracy V. Maitland CC'82.

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.

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.

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'27.

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, PS'82, PS'89, PH'00, P: CC'10, CC'14, GS'12, PS'16.

WILLIAM MCDAVID SCHOLARSHIP FUND

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

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'21 ^.

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.

CHARLES AND JEANNE METZNER SCHOLARSHIP FUND

(2013) Bequest of Jeanne Metzner ^.

ASENATH KENYON AND DUNCAN MERRIWETHER SCHOLARSHIP FUND

(1991) Bequest of Duncan Merriwether CC'28, BUS'28, P: BUS'56, BUS'67.

LILLIAN S. MICHAELSON SCHOLARSHIP FUND

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

JOSEPH S. MIGHTOM SCHOLARSHIP FUND

(1948) Bequest of Joseph Stewart Michtom.

THE IRA I. MILLER FAMILY 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'24 ^.

DR. ROYAL M. MONTGOMERY SCHOLARSHIP FUND

(1992) Gift of Maxine C. Montgomery ^ in honor of her husband, Royal M. Montgomery CC'28, PS'31 ^.

THE MORALES FAMILY SCHOLARSHIP

(2019) Gift of Cassey Morales CC'96.

SIDNEY MORGENBESSER MEMORIAL FUND

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

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.

MUKHERJEE-RUSSELL MEMORIAL FUND

(2010) Gift of Tanmoy Mukherjee CC'86.

GLADYS H. MUÑOZ SCHOLARSHIP FUND

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

STAN MUSIAL SCHOLARSHIP FUND

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

N

THOMAS A. NACLERIO SCHOLARSHIP FUND

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

ALI NAMVAR SCHOLARSHIP FUND

(2011) Gift of Ali Namvar CC'91.

JON NARCUS SCHOLARSHIP FUND

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

AMERICO C. NARDIS SCHOLARSHIP FUND

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

MURRAY AND BELLE NATHAN SCHOLARSHIP ENDOWMENT

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

NAWN FAMILY SCHOLARSHIP FUND

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

THE NAYYAR FAMILY SCHOLARSHIP FUND

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

THOMAS B. NEFF SCHOLARSHIP FUND

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

THE CHARLES E. AND DOROTHY C. NEWLON SCHOLARSHIP FUND

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

THE JEFFREY NEWMAN SCHOLARSHIP FUND

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

JEROME A. NEWMAN SCHOLARSHIP FUND

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

NG TENG FONG SCHOLARSHIP FUND

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

NG TENG FONG SCHOLARSHIP FUND

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

LOUIS AND MARINA NICHOLAS SCHOLARSHIP FUND

(1998) Gift of Socrates Nicholas CC'56.

9/11 MEMORIAL FUND SCHOLARSHIP

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

ADRIANE NOCCO SCHOLARSHIP FUND

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

DAVID NORR, CLASS OF 1943 SCHOLARSHIP FUND

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

NORRY FAMILY SCHOLARSHIP FUND FOR THE COLLEGE

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

O

EUGENE V. OEHLERS SCHOLARSHIP FUND

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

ALFRED OGDEN FUND

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

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

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

OMAR FAMILY SCHOLARSHIP FUND

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

GIDEON H. OPPENHEIMER SCHOLARSHIP FUND

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

GEORGE M. ORPHANOS SCHOLARSHIP FUND

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

BLANCHE WITTES OSHEROV SCHOLARSHIP FUND

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

JENNIFER MAXFIELD OSTFELD AND SCOTT D.

OSTFELD FAMILY SCHOLARSHIP FUND

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

OUZOUNIAN FAMILY SCHOLARSHIP FUND

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

OZ FAMILY SCHOLARSHIP FUND

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

OZALTIN FAMILY SCHOLARSHIP FUND

(2010) Gift of Nuri Ozaltin.

P

PACKER-BAYLISS SCHOLARS

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

STELIOS AND ESPERANZA PAPADOPOULOS SCHOLARSHIP FUND

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

EMANUEL M. PAPPER AND PATRICIA M. SCHOLARSHIP FUND

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

MAX PAPPER SCHOLARSHIP FUND

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

MONTONE PARDI FAMILY SCHOLARSHIP FUND

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

JOHN AND MINNIE PARKER NATIONAL SCHOLARSHIP FUND GIFT

(1960) Gift of Minnie Parker Charitable Trust.

HERBERT AND JEANETTE PEARL SCHOLARSHIP FUND

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

ROBERT I. PEARLMAN SCHOLARSHIP FUND - CC

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

B. DAVID AND ROSANN PECK SCHOLARSHIP FUND

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

ROBERT L. PELZ SCHOLARSHIP FUND

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

ANTHONY PENALE SCHOLARSHIP FUND

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

HERBERT C. PENTZ SCHOLARSHIP FUND

(2002) Bequest of Herbert C. Pentz CC'22, LAW'24.

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'27, BUS'28, '80 HON ^, P: CC'68, BUS'73.

THE PETITO FAMILY SCHOLARSHIP FUND

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

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'28, LAW'30.

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'28.

MARIE, CHARLES, AND WALTER PROBST MEMORIAL SCHOLARSHIP FUND

(1968) Bequest of Marie Probst.

PULITZER SCHOLARS FUND

(1958) Gift of former Pulitzer Scholars.

JOSEPH PULITZER SCHOLARSHIP FUND A

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

JOSEPH PULITZER SCHOLARSHIP FUND B

(1959) Bequest of Joseph Pulitzer '52 HON.

Q

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.

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; and M. Murray Peshkin ^.

BROOKE AND RICHARD RAPAPORT SCHOLARSHIP FUND

(1999) Gift of Richard A. Rapaport CC'69.

PROFESSOR WILLIAM H. REINMUTH SCHOLARSHIP FUND

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

ROSE AND SAM REISS SCHOLARSHIP FUND

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

HUBERT M. RELYEA SCHOLARSHIP FUND

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

PATRICIA REMMER BC '45 - COLUMBIA COLLEGE SCHOLARSHIP FUND

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

THE RICCI FAMILY SCHOLARSHIP

(2019) Gift of Russell Ricci CC'68.

JOHN AND EUNICE RIM SCHOLARSHIP

(2014) Gift of Eunice and John C. B. Rim SEAS'82.

PETER C. RITCHIE, JR., SCHOLARSHIP FUND

(1939) Bequest of Virginia J. Ritchie.

GERALD AND MAY ELLEN RITTER MEMORIAL SCHOLARSHIP FUND

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

GERALD AND MAY ELLEN RITTER PRESIDENTIAL FELLOWSHIP FUND

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

RJM FOUNDATION SCHOLARSHIP FUND

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

EDWIN ROBBINS CC 1953 RESIDENTIAL SCHOLARSHIP FUND

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

EDWIN ROBBINS CLASS OF 1953 RESIDENTIAL SCHOLARSHIP FUND II

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

ADELINE AND GERARD ROBERTS SCHOLARSHIP FUND

(1979) Bequest of Adeline Roberts.

DR. DUDLEY F. ROCHESTER SCHOLARSHIP FUND

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

ROMANO SCHOLARSHIP FAMILY FUND

(2017) Gift of Alisa Drijanski and Emilio Romano P: CC'18, CC'20.

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

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'28 in memory of his son,
Lewis A. Rosenthal CC'28.

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'25, LAW'28.

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, PS'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.

PETER F. RUSSELL 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, PS'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.

VINCENT SBIROLI SCHOLARSHIP

(2017) Gift of Joseph Sbiroli CC'81.

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. 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'27, P: CC'65.

JONATHAN SCHILLER SCHOLARSHIP FUND

(2011) Gift of Jonathan D. Schiller CC'69, LAW'73, P: CC'01, CC'06, LAW'08, SCE'13.

SCHLUMBERGER FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the Schlumberger Foundation.

IRVING SCHMEZEL SCHOLARSHIP FUND

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

JOHN NORBERT SCHMITT SCHOLARSHIP FUND

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

MILDRED AND SAMUEL SCHOLNICK SCHOLARSHIP FUND

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

SAMUEL AND ANNA SCHREIBER SCHOLARSHIP FUND

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

ROBERT SCHWARZ SCHOLARSHIP FUND

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

GERTRUDE AND WILLIAM P. SCHWEITZER SCHOLARSHIP FUND IN THE SCIENCES

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

WILLIAM P. SCHWEITZER SCHOLARSHIP FUND

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

MARY H. SCRANTON SCHOLARSHIP FUND

(1936) Bequest of Mary N. Scranton.

FRANK LINWOOD AND GRACE FARRINGTON SEALY FUND

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

THE ALBERT A. SEGNA MEMORIAL SCHOLARSHIP FUND

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

KARL LUDWIG SELIG SCHOLARSHIP FUND

(2001) Gift of Thomas H. 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.

NORMAN SHAPIRO SCHOLARSHIP FUND

(1977) Gift of Eleanor Redman Shapiro.

REUBEN SHAPIRO SCHOLARSHIP FUND

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

SOLOMON AND DORA MONNESS SHAPIRO SCHOLARSHIP FUND

(1952) Bequest of Dora Monness Shapiro.

RUBIN AND SARAH SHAPS SCHOLARSHIP FUND

(1999) Bequest of Philip P. Shaps.

GEORGE SHAW SCHOLARSHIP FUND

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

PO-CHIEH SHAW SCHOLARSHIP FUND

(2013) Gift of Gordon Shaw BUS'92.

RICHARD AND CAMILLE SHEELY SCHOLARSHIP FUND

(2018) Gift of Thad 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.

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.

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 Ruth S. and Alan L. Stein CC'52, P: BUS'85.

ALAN W. STEINBERG SCHOLARSHIP FUND

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

MRS. RICHARD STEINSCHNEIDER SCHOLARSHIP FUND

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

MICHAEL D. STEPHENS SCHOLARSHIP FUND

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

HELEN M. C. AND J. EDWARD STERN BIO-MEDICAL SCHOLARSHIP FUND

(1996) Gift of the J. Edward and Helen M.C. Stern Foundation.

HERBERT B. STERN SCHOLARSHIP FUND

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

WARREN AND SUSAN STERN FAMILY SCHOLARSHIP FUND

(2014) Gift of Warren R. Stern CC'74.

ARNOLD AND MATILE STIEFEL SCHOLARSHIP FUND

(1948) Bequest of Matile L. Stiefel.

MORTIMER AND HORTENSE STIEFEL FUND

(1988) Bequest of Hortense H. Stiefel

ROBERT S. (1959C) AND MARCIA B. STONE SCHOLARSHIP FUND

(1992) Gift of Robert S. Stone CC'59, P: CC'91; Chester I. Stone CC'67; and Phyllis B. Stone CC'91.

LUDWIG STROSS SCHOLARSHIP FUND

(1943) Gift of Ines Stross in memory of her husband, Ludwig Stross.

ARTHUR HAYS SULZBERGER SCHOLARSHIP FUND
(1963) Gift of Arthur H. Sulzberger CC 1913, '59 HON ^, P: CC'51.

OLON E. SUMMERFIELD FOUNDATION INC.,
SCHOLARSHIP FUND
(1956) Gift of the Solon E. Summerfield Foundation, Inc.

BERNARD AND MARJORIE SUNSHINE SCHOLARSHIP
(2002) Gift of Bernard Sunshine CC'46, P: CC'79, GSAS'83, GSAS'89, GSAS'91 and Marjorie H. Sunshine LS'69, P: CC'79, GSAS'83, GSAS'89, GSAS'91.

SURDNA FOUNDATION SCHOLARSHIP FUND
(1966) Gift of the Surdna Foundation, Inc.

SUSTAINABLE DEVELOPMENT SCHOLARSHIP
ENDOWMENT FUND
(2010) Gift of Joseph H. Ellis CC'64 and Barbara Ellis BC'64, GSAS'65.

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

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

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

AGNES CHI-CHEN LIN SZE COLUMBIA BUSINESS
SCHOOL CLASS OF 1945 SCHOLARSHIP FUND
(2015) Gift of Morgan Sze in memory of his mother, Agnes C. Lin Sze BUS'45.

T

THE LEAH G. AND CHRISTOPHER K. TAHBAZ FAMILY
SCHOLARSHIP FUND
(2015) Gift of Christopher K. Tahbaz CC'86, LAW'90.

DANIEL TAMKIN AND CINDY CARDINAL
SCHOLARSHIP FUND
(2009) Gift of Daniel S. Tamkin CC'81, P: CC'12 and Lucinda M. Cardinal BC'83, P: CC'12.

THE HU AND TANG FAMILY SCHOLARSHIP
(2019) Gift of Emily Nienchu Hu, M.D. CC'95.

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'22, GSAS'27.

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'21, LAW'23 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.

ARCHANA AND SURYA PRAKASH TEWARI GOLDMAN
SACHS SCHOLARSHIP
(2017) Gift of Pawan Tewari BUS'94, P: CC'20.

FRANKLIN A. THOMAS SCHOLARSHIP FUND
(2008) Gift of Franklin A. Thomas CC'56, LAW'63, '79 HON.

BRIAN AND SABINE THOMSON FAMILY SCHOLARSHIP
FUND
(2017) Gift of Brian J. Thomson CC'89.

EDGAR G. THOMSEN SCHOLARSHIP FUND
(1973) Bequest of Grace Brinkerhoff Thomassen in memory of her husband, Edgar G. Thomssen CC 1907.

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

THE ISABEL AND IRVING N. TOLKIN MEMORIAL
SCHOLARSHIP FUND
(1983) Gift of Isabel Tolkin ^ P: CC'54, CC'60, GSAPP'62 and various donors in memory of Isabel's husband, Irving N. Tolkin P: CC'54, CC'60, GSAPP'62, and later renamed in memory of Isabel and Irving.

LAURIE J. AND JEFFREY D. TOLKIN SCHOLARSHIP
FUND
(2000) Gift of Jeffrey D. Tolkin CC'79, LAW'81 and Laurie J. Tolkin BC'79, DM'83.

LILLIAN AND TRYGVE H. TONNESSEN SCHOLARSHIP
FUND
(1989) Gift of Trygve H. Tonnessen CC'39, GSAS'51.

ELIZA TRIPP MEMORIAL SCHOLARSHIP FUND
(1979) Bequest of W. Arthur Tripp CC 1909.

LOTTIE A. TRIPP SCHOLARSHIP FUND
(1979) Bequest of W. Arthur Tripp CC 1909.

MARGUERITE AND JOSEPH A. TRISKA MEMORIAL
SCHOLARSHIP FUND
(1983) Gift of Theodore H. Elliott.

TRUST BRIDGE PARTNERS SCHOLARSHIP FUND
(2009) Gift of Shujun Li.

KYRIAKOS TSAKOPOULOS SCHOLARSHIP FUND IN HONOR OF EUGENE ROSSIDES

(2005) Gift of Kyriakos Tsakopoulos CC'93 in honor of his grandfather, Kyriakos Tsakopoulos.

MARIA TSAKOS SCHOLARSHIP FUND

(2016) Gift of Nikolas P. Tsakos CC'85.

THE TUKMAN FAMILY SCHOLARSHIP FUND

(2007) Gift of Lois and Melvin Tukman P: CC'89, BUS'98.

25TH REUNION SCHOLARSHIP

(2017) Gift of various donors in honor of the twenty-fifth anniversary of their graduation.

ARTHUR S. TWITCHELL SCHOLARSHIP FUND

(1995) Bequest of Arthur C. Twitchell.

U

US STEEL SCHOLARSHIP FUND

(2002) Gift of USX.

V

VAN AMRINGE SCHOLARSHIP FUND IN COLUMBIA COLLEGE

(1957) Bequest of Emily Buch.

SAMUEL AND SUSAN VARGHESE FAMILY SCHOLARSHIP FUND

(2014) Gift of Tajar S. Varghese CC'01.

IVAN B. VEIT ENDOWMENT FUND

(2005) Bequest of Ivan B. Veit CC'28.

THE VIG FAMILY SCHOLARSHIP

(2019) Gift of Mary Vig CC'91.

SIGMUND AND MARY VIOLIN SCHOLARSHIP FUND

(1996) Gift of George A. Violin CC'63, SIPA'66, PS'67.

VISA FINANCIAL AID ENDOWMENT FUND

(1994) Proceeds from VISA credit card receipts.

VISCUSI (ANTHONY) SCHOLARSHIP GIFT

(1998) Gift of Anthony Viscusi CC'55, GSAS'58, P: CC'85, SIPA'90, SIPA '91.

WILLIAM F. VOELKER MEMORIAL SCHOLARSHIP FUND

(1976) Bequest of William F. Voelker CC'42, LAW'48 and gift of various donors in his memory.

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

LEO J. WALSH MEMORIAL SCHOLARSHIP FUND

(2006) Bequest of Leo J. Walsh CC'53, GSAS'56, GSAS'62.

WANG FAMILY SCHOLARSHIP FUND

(2009) Gift of Philip P. Wang CC'70, P: CC'18.

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'24, SEAS'26.

MORRIS W. WATKINS SCHOLARSHIP FUND

(1987) Gift of William E. Collin CC'24 ^ in honor of Morris W. Watkins CC'24, GSAS'28 ^.

ROBERT WATT SCHOLARSHIP FUND

(1976) Gift of various donors in memory of Robert W. Watt CC 1916.

LEONARD S. WEBER (CC '47) AND MORTON A. WEBER (CC '42) MEMORIAL SCHOLARSHIP

(2018) Bequest of Joan Weber in memory of her husband, Leonard S. Weber CC'47, and brother-in-law, Morton A. Weber CC'42.

DR. CHARLES A. WEBSTER INTERSCHOOL SCHOLARSHIP FUND

(1994) Gift of Charles A. Webster CC'40, PS'43 ^.

GEORGE E. WEIGL SCHOLARSHIP FUND

(1982) Bequest of George E. Weigl BUS'31.

JOSHUA H. AND DONNA WEINER SCHOLARSHIP FUND

(1998) Gift of Joshua H. Weiner CC'36 ^ and Donna Weiner W: CC'36.

ARTHUR S. AND MARIAN E. WEINSTOCK SCHOLARSHIP FUND

(1995) Gift of Arthur S. Weinstock CC'41^ and Marian E.K. Weinstock ^.

GEORGE J. AND FRANCES K. WEINSTOCK SCHOLARSHIP FUND

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

EDWARD S. WEISIK SCHOLARSHIP FUND

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

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

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

WEST END SCHOLARSHIP FUND

(1998) Gift of Katherine A. Gardner JRN'81; Kirk W. Michel BUS'79, P: BUS'15; and Joseph F. Spiegel.

H. A. WHEELER SCHOLARSHIP FUND

(1923) Gift of H. A. Wheeler Class of 1880 Arts and Mines.

JOHN VISSCHER WHEELER SCHOLARSHIP FUND

(1914) Bequest of Susan E. Johnson Hudson in memory of John V. Wheeler CC 1865.

THE JOHN AND MARY JO WHITE SCHOLARSHIP

(2008) Gift of John W. and Mary Jo White LAW'74, P: CC'08, LAW'15.

JOSEPH THOMAS WIDOWFIELD SCHOLARSHIP FUND

(1994) Bequest of Joseph T. Widowfield CC'83.

MARK HINCKLEY WILLES SCHOLARSHIP FUND

(1989) Gift of Mark H. Willes CC'63, BUS'67.

THE WILLNER FAMILY SCHOLARSHIP FUND

(2002) Gift of Jane and David Bloomgarden, and Joseph H. Willner PS'77.

GEORGE LEO WINGSHEE MEMORIAL SCHOLARSHIP FUND

(2004) Gift of Donna W. Loo P: CC'11, GS'16.

RICHARD E. WITTEN SCHOLARSHIP FUND

(2005) Gift of Richard E. Witten CC'75, P: CC'10, BUS'15, LAW'15.

WOLF FAMILY SCHOLARSHIP FUND

(2011) Gift of Sherri P. Wolf CC'90, P: CC'21 and Douglas R. Wolf CC'88, P: CC'21.

BEN D. WOOD SCHOLARSHIP FUND

(1986) Bequest of Benjamin D. Wood CC'22, GSAS'24.

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.

KENNETH AND THOMAS WRIGHT SCHOLARSHIP FUND

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

DAVID WU AND FRED WANG FUND

(2010) Gift of Fred W. Wang SEAS'95 and Weiming D. Wu SEAS'02.

X

XU FAMILY SCHOLARSHIP FUND

(2014) Gift of an anonymous donor.

LIU XU SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

Y

PHILIP C. YACOS MEMORIAL SCHOLARSHIP FUND

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

YAGODA FAMILY SCHOLARSHIP FUND

(2016) Gift of Scott R. Yagoda CC'86, LAW'92, P: CC'20.

FREDERIC AND ANNA YANG SCHOLARSHIP FUND

(2015) Gift of Hong A. Yang BUS'98 and Frederic S. Yang BUS'97.

YATRAKIS SCHOLARSHIP FUND

(2009) Gift of Demetrios P. Yatrakis CC'05, BUS'10.

ONG YEE SCHOLARSHIP FUND

(2010) Gift of Danny O. Yee CC'77, P: CC'15 and Stephanie W. Yee PS'82, P: CC'15.

KENNETH YIM FAMILY FUND

(2011) Gift of Kenneth K.L. Yim SEAS'73, BUS'75, P: CC'11, SEAS'10.

SAMUEL YIN SCHOLARSHIP FUND

(2005) Gift of Samuel Yin CC'76.

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

(2000) Gift of Samuel Yin CC'76.

THE WILLIAM H. YOKEL SCHOLARSHIP FUND

(2007) Bequest of William H. Yokel CC'44.

YOUNG ALUMNI SCHOLARSHIP FUND

(2016) Gift of young alumni from Columbia College.

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 and Amy H. Yu TC'07, TC'12, P: CC'21 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 and Amy H. Yu TC'07, TC'12, P: CC'21.

TUNG LI AND HUI HSI YUAN MEMORIAL SCHOLARSHIP FUND

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

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'22, LAW'24.

ZBT—STANLEY I. FISHEL, CC'34 SCHOLARSHIP FUND

(2004) Gift of Delta ZBT Corporation.

FRANK JOSEPH ZDENOVEC SCHOLARSHIP FUND

(1949) Bequest of Frank J. Zdenovec.

THE ZICKLER FAMILY SCHOLARSHIP FUND

(2008) Gift of Leo E. Zickler CC'58.

ZIENTS FAMILY SCHOLARSHIP FUND

(2015) Gift of Mary M. and Jeffrey D. Zients P: CC'17.

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 degree, all students must successfully complete the following:

- 124 points of academic credit,
- an overall GPA of 2.0 or higher,
- all the Core Curriculum courses and requirements, and
- one major or concentration

POINTS AND CREDIT

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

Courses may not be repeated for credit. If a student takes a course for a second time for some reason, both attempts will be reflected on the student's transcript, but only the grade received for the first attempt will be awarded credit (unless the grade for the first attempt was an F) and be factored into the student's overall GPA. Credit cannot be earned for courses taken in subjects and at the same level for which Advanced Standing credit (AP, IB, GCE, etc.) has been granted. For more information, see *Academic Regulations*—Placement and Advanced Standing (<http://bulletin.columbia.edu/columbia-college/regulations/#placementadvancedstandingtext>).

Students also cannot receive credit for courses taken previously, at Columbia or elsewhere, in which the content has been substantially duplicated. For example, credit cannot be earned for two first-term calculus courses, even if one is more theoretical in approach than the other; similarly, credit cannot be earned for two comparable terms of a science or foreign language even if one has a Barnard course number and the other a Columbia course number. In some courses, only partial credit may be counted toward the degree. Courses not listed in this Bulletin must be approved by the appropriate person or committee in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), since such courses might not bear College credit (e.g., MATH UN1003 College Algebra and Analytic Geometry). Students who have questions about whether degree credit may be earned in a course should consult with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

THE CORE CURRICULUM

The following required courses constitute the Columbia College Core Curriculum (p. 88). They include general education requirements in major disciplines and, except for Physical

Education, must be taken for a letter grade (i.e., the Pass/D/Fail option may not be applied):

Literature Humanities

HUMA CC1001 - HUMA CC1002	Masterpieces of Western Literature and Philosophy I and Masterpieces of Western Literature and Philosophy II
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Frontiers of Science

SCNC CC1000	Frontiers of Science
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University Writing

ENGL CC1010	University Writing
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Contemporary Civilization

COCI CC1101 - COCI CC1102	Introduction To Contemporary Civilization in the West I and Introduction To Contemporary Civilization In the West II
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Art Humanities

HUMA UN1121	Masterpieces of Western Art
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Music Humanities

HUMA UN1123	Masterpieces of Western Music
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Science Requirement

Two courses from the list of approved courses

Global Core Requirement

Two courses from the list of approved courses

Foreign Language Requirement

Four courses and the successful completion of the intermediate II level in a single language or the equivalent
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Physical Education

Two courses and a swimming test

Students are required to complete *Literature Humanities*, *University Writing*, and *Frontiers of Science* in the first year. Failure to complete these courses in the first year will result in the student being placed on academic probation.

Additionally, the College expects students to complete *Contemporary Civilization* in their sophomore year, and *Art Humanities* and *Music Humanities* by the end of junior year. For pedagogical reasons, the College considers *Literature Humanities* to be a pre-requisite for *Contemporary Civilization*; therefore, all Columbia College students must complete *Literature Humanities* before taking *Contemporary Civilization*. (Columbia Engineering students have been given an exception to this rule because of the structure of their curriculum.)

Courses in fulfillment of the Core Curriculum must be taken in Columbia College, with the exception of the Foreign Language requirement, which, in some instances and as determined by the relevant academic department at Columbia, may be satisfied at Barnard College. In general, students must fulfill the Global Core and Science Requirements with courses noted on the list of approved courses and may not petition for other courses taught at Columbia or Barnard to fulfill either requirement. Students may be able to petition the Committee on the Global Core for courses taken at a study abroad program to count towards the Global Core Requirement, after first meeting with their advising

dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

THE DEPARTMENTAL MAJOR OR CONCENTRATION

All students must complete either a major or a concentration as described in the departmental sections of this Bulletin. The purpose of the major or concentration requirement is to give each student the experience of doing sustained and advanced work, typically including individual research, in a field of special interest. A concentration consists of intensive study in one department involving the satisfaction of a variety of requirements; a major demands more course points or requirements than a major in order to provide further specialization and depth.

The choice of a major versus a concentration depends on the particular aims and needs of a student, as well as on the offerings of the particular department in which a student wishes to study.

It should be emphasized that neither the major nor the concentration is designed to produce professionally trained specialists, nor is it assumed that students will ultimately pursue employment in work that is directly related to the content of the coursework in their major or concentration. Rather, it is assumed that intensive study in an academic department or program, together with the successful completion of the Core Curriculum and the remaining degree requirements, will afford students a thoughtful liberal arts education and the requisite skills that will serve them well throughout their professional and personal lives.

The faculty members of each academic department determine the requirements for a major or concentration. It is the students' responsibility to ensure that they complete the major or concentration requirements that are in effect as of their sophomore year. Each department has one or more directors of undergraduate studies (DUS) (<http://www.college.columbia.edu/academics/majoradvising/>) to whom questions regarding the major or concentration should be directed.

All courses used to meet the requirements of a major or concentration, including related courses, must be taken for a letter grade—i.e., the Pass/D/Fail option may not be used for such courses. Some academic departments allow 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 check with the relevant academic department for both the minimum and maximum points allowed for a major and/or concentration, as well as for any restrictions on courses in which a student earns a grade of D or a mark of "Pass."

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

In the first and sophomore years, students should confer with faculty members in the department, advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), and advisers in the Center for Career Education (<http://www.careereducation.columbia.edu/>) while considering their choice of major or concentration. All students declare a major and/or concentration in their fourth term. Information about the process for declaring a major or concentration is sent to students in the spring of the sophomore year by the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

Interdisciplinary and Interdepartmental Majors and Concentrations

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

Independent majors or concentrations are not permitted for Columbia College students.

Special Concentrations

In certain cases, a program of study has been designated a "special concentration." While a special concentration may require a similar number of courses or points of credit as a departmental concentration does, a "special concentration" does not fulfill a degree requirement. Therefore, a special concentration can only be pursued as a second program of study, in addition to a major or concentration.

Double Majors/Concentrations

Most Columbia College students graduate with a single program of study — i.e., one major or one concentration. It is possible to declare a maximum of two programs of study — e.g., two majors, two concentrations, a major and a concentration, a major and a special concentration, or a concentration and a special concentration.

Students must complete their degree requirements within eight terms (including the terms that transfer students spent at other institutions), and students will not be awarded additional semesters for the purposes of completing an additional major or concentration.

If a student decides to pursue two programs of study, they may not both be owned by the same offering unit (department, institute, or center). For example, a student may not declare programs in Russian Language and Culture and in Slavic Studies, both of which are owned by the Department of Slavic Languages; similarly, a student may not declare programs in Mathematics and in Applied Mathematics, both of which are owned by the Department of Mathematics. All joint majors (e.g., Economics-Political Science) will be considered as owned by both offering units, so that a student may not, for example, major in both Political Science and Economics-Political Science.

If a student chooses to declare two programs of study, the student can, in certain situations, apply a single course to both programs (“double-counting”). There are three conditions under which students may apply a single course to two programs, and depending on the two programs declared, some or all of these conditions may apply:

1. If two programs both require the same coursework to teach fundamental skills needed for the field, those courses may be applied to both programs. The Committee on Instruction has defined that coursework as the following:

- (1) elementary and intermediate foreign language courses;
- (2) the calculus sequence (I through IV, or Honors A and B);
- (3) introductory courses in Statistics (STAT UN1101 or 1201);
- (4) the introductory course in computer programming (COMS W1004).

If faculty members feel that other courses should be included in this category, those courses would need to be approved for such purpose by the Committee on Instruction.

2. In addition to double-counting any fundamental courses enumerated above, a student pursuing two programs of study may apply a maximum of two classes to both programs, if applicable. Offering departments, institutes, or centers may choose to restrict the double-counting of particular courses, and such restrictions cannot be appealed.

3. In addition to those courses that can be double-counted as noted above, a maximum of two courses taken in the Core Curriculum can also be counted toward the requirements of a program of study (major, concentration, special concentration), if applicable. Offering departments, institutes, or centers may choose to restrict the double-counting of courses taken in the Core Curriculum, and such restrictions cannot be appealed.

REQUIREMENTS FOR TRANSFER STUDENTS

Columbia College offers transfer students the opportunity to experience a wide-ranging liberal arts education that includes its Core Curriculum and a broad range of majors and concentrations. To graduate from Columbia College, all transfer students must successfully complete the following:

- 124 points in academic credit,
- an overall GPA of 2.0 or higher,
- all Core Curriculum courses and requirements, and
- one major or concentration.

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* (<http://bulletin.columbia.edu/columbia-college/regulations/>)).

PLANNING AN ACADEMIC PROGRAM

When planning their program, all students are expected to consult with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) as well as with their departmental advisers. Advising deans in the Berick Center for Student Advising (<http://www.cc-seas.columbia.edu/csa/>) serve as the primary advisers for all general graduation requirements and monitor students’ progress toward completing the Core Curriculum. Directors of Undergraduate Studies (DUS) (<http://www.college.columbia.edu/academics/majoradvising/>), and other faculty representatives of the academic departments, serve as the primary advisers for completing the requirements for majors concentrations, and/or special concentrations.

The Berick Center for Student Advising (<http://www.cc-seas.columbia.edu/csa/>), located in 403 Lerner, is the first stop for students to discuss their advising needs as they create and reflect on their program of study at Columbia. Productive advising is built on a true partnership in which the student and the adviser work together. The spirit of an ideal advising partnership is one of mutual engagement, responsiveness, and dedication. Regular advising conversations—the fundamental building blocks of the partnership—enable an adviser to serve as a 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 dean using the online Comprehensive Advising Management System (<http://studentaffairs.columbia.edu/csa/appointments/>).

Though students are assigned an advising dean, students may make appointments with any of the advisers in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). Students who wish to change advisers permanently should not hesitate to make an appointment with Andrew Plaa, dean of advising, to have a new advising dean assigned to them.

To ensure successful planning, students should familiarize themselves with all academic opportunities in which they are interested. In particular, students should note that some majors and concentrations require that certain introductory courses be completed before the start of the junior year. Similarly, study abroad, professional programs, and graduate schools have a range of requirements that must be successfully completed at prescribed times during the undergraduate career. Specifically, students considering a major in the sciences should, in their first two years, focus on required introductory science courses in addition to Core requirements. Students considering a major in the humanities and social sciences should, in their first two years, take a combination of Core requirements and introductory level courses in the department(s) in which they are interested in majoring. Under no circumstances will students be granted more than 8 semesters to complete an additional concentration or major.

In addition, all students should:

1. become thoroughly familiar with the requirements for the degree and with the College regulations, including deadlines;
2. plan to complete *University Writing* (ENGL CC1010), *Frontiers of Science* (SCNC CC1000), *Masterpieces of Western Literature and Philosophy I & II* (HUMA CC1001-HUMA CC1002) during the first year, as well as *Introduction to Contemporary Civilization in the West* (COCI CC1101 -COCI CC1102) by the end of the sophomore year;
3. choose a major or concentration in their fourth term.

Students will either declare their major online or submit a paper form to the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner. Some majors and concentrations require departmental review, and students can only declare these majors after receiving approval by the department. A major or concentration may be changed at any time as long as the requisite departmental approval is received, the requirements have been or can be fulfilled, and the student can still graduate by the end of their eighth semester. If a different major or concentration is decided upon, a new form must be filed with the advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

Advising for First-Year Students

In the summer, each incoming student receives the *Academic Planning Guide for New Students*, which is designed to assist incoming students in planning and creating their academic programs. Incoming students should read the *Academic Planning Guide for New Students* prior to their first advising appointment. Students will receive information by email about opportunities to connect with their advising deans in the summer.

Each first-year student is preregistered for *Literature Humanities* as well as for *Frontiers of Science* or *University Writing*. (First-year students are pre-registered for either *Frontiers of Science* or *University Writing* in the fall term and take the other course in the spring term.)

All incoming students are expected to meet with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) during the summer (in person or by phone/internet), 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, 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 (<https://www.cc-seas.columbia.edu/csa/>) throughout their time at Columbia.

Supervised Independent Study

Supervised individual work on a special topic is available to qualified students as an alternative or as a supplement to courses

and seminars in the field of specialization. Students must develop a plan of study with a faculty adviser and then obtain the approval of the department. Progress reports are submitted as required. From one to six points of credit may be awarded for this work; the exact number of points is to be determined in consultation with the department.

Approval depends on the quality of the proposal, the student's qualifications, and the availability of an appropriate faculty adviser.

CORE CURRICULUM

The Center for the Core Curriculum

202 Hamilton
212-854-2453
core-curriculum@columbia.edu

The Core Curriculum is the cornerstone of the Columbia College education. The central intellectual mission of the Core is to provide all students with wide-ranging perspectives on significant ideas and achievements in literature, philosophy, history, music, art, and science.

Contemporary Civilization began in 1919 as a course on war and peace issues, and the creation of *Literature Humanities* followed in 1937. By 1947, *Art Humanities* and *Music Humanities* had been added, and a new course in *Asian Humanities* was introduced. The Global Core requirement, formerly Major Cultures, joined the Core in 1990, and *Frontiers of Science* in 2004. Though celebrated for their content, Core Curriculum courses are equally important for their small class format. Taught in seminars of approximately twenty-two students, these courses ensure that education at Columbia begins with an emphasis on active intellectual engagement. The small class sizes provide students with opportunities to develop intellectual relationships with faculty early on in their College career and to participate in a shared process of intellectual inquiry. In the Core Curriculum, the pursuit of better questions is every bit as important as the pursuit of better answers. The skills and habits honed by the Core—careful observation, close analysis, effective argument, imaginative comparison, and respect for a variety of ideas—provide a rigorous preparation for life as an engaged citizen in today's complex and changing world.

Committee on the Core Curriculum

Joanna Stalnaker
Associate Professor of French
Paul Brooke Program Chair for Literature Humanities
512 Philosophy; 212-854-4567
jrs2052@columbia.edu

Elaine Sisman
Anne Parsons Bender Professor of Music
Chair of Music Humanities
604 Dodge; 212-854-7728 es53@columbia.edu

Patricia Grieve
Nancy and Jeffrey Marcus Professor of the Humanities
Chair of the Committee on Global Core
305 Casa Hispánica; 212-854-4338
peg1@columbia.edu

David J. Helfand

Professor of Astronomy
Chair of Frontiers of Science
1008B Pupin Hall; 212-854-6876
djh@astro.columbia.edu

Lisa Hollibaugh
Dean of Academic Affairs
202 Hamilton Hall; 212-851-9814
lkh5@columbia.edu

Ivana Nikolic Hughes
Director, Frontiers of Science
Senior Lecturer in the Discipline of Chemistry
625 Pupin; 212-854-2202
ih2194@columbia.edu

Emmanuelle Saada
Professor of French and of History
Director of Undergraduate Studies
Director of the Center for French and Francophone Studies
Carnoy Family Program Chair for Contemporary Civilization
516 Philosophy
es2593@columbia.edu

Noam Elcott
Chair of Art Humanities
907 Schermerhorn; 212-854-7968
nme2106@columbia.edu

Larry Jackson
Associate Dean of Academic Affairs, Core Curriculum and Undergraduate Programs
202 Hamilton; 212-854-9625
lj2504@columbia.edu

James Valentini
Dean of Columbia College
208 Hamilton; 212-854-2443
jjv1@columbia.edu

Nicole B. Wallack
Senior Lecturer in the Discipline of English and Comparative Literature
Director of Undergraduate Writing Program
310 Philosophy; 212-854-3886
nw2108@columbia.edu

LITERATURE HUMANITIES

Chair for Literature Humanities

Prof. Joanna Stalnaker
512 Philosophy
212-854-4567
jrs2052@columbia.edu

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

HUMA CC1001-HUMA CC1002 Masterpieces of Western Literature and Philosophy II, popularly known as “Literature Humanities” or “Lit Hum,” is a year-long course that offers Columbia College students the opportunity to engage in intensive study and discussion of some of the most significant texts of Western culture. The course is not a survey, but a series of careful readings of literary works that reward both first encounters and long study. Whether classwork focuses on the importance of the text to literary history or on its significance to our contemporary culture, the goal is to consider particular conceptions of what it means to be human as well as the place of such conceptions in the development of critical thought.

The principal objectives of *Literature Humanities* are to teach students to analyze literary texts and to construct well-reasoned arguments. An interdepartmental staff of professorial and preceptorial faculty meets with groups of approximately twenty-two students for four hours a week in order to discuss texts by Homer, Sappho, Herodotus, Aeschylus, Sophocles, Aristophanes, Plato, Virgil, Ovid, Augustine, Dante, Montaigne, Shakespeare, Cervantes, Milton, Austen, Dostoevsky, Woolf, and Morrison, as well as Hebrew Scriptures and New Testament writings.

REGISTRATION PROCEDURE

All information concerning registration in *HUMA CC1001-HUMA CC1002 Masterpieces of Western Literature and Philosophy II* is included in the registration materials sent to students. All first-year students are preregistered in *Literature Humanities*.

All Core Curriculum courses, including *Literature Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Literature Humanities* after the Core drop deadline, which is also the end of the Change-of-Program period (p. 6). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA CC1001 Masterpieces of Western Literature and Philosophy I. 4 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 2019: HUMA CC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1001	001/85414	M W 8:10am - 10:00am 111 Carman Hall	Alan Ross	4	22/22
HUMA 1001	002/85415	M W 8:10am - 10:00am 301 Hamilton Hall	Kate Brassel	4	17/22
HUMA 1001	003/85416	M W 12:10pm - 2:00pm 309 Hamilton Hall	Dhananjay Jagannathan	4	22/22
HUMA 1001	004/85417	M W 12:10pm - 2:00pm 111 Carman Hall	Kate Brassel	4	20/22
HUMA 1001	005/85418	M W 12:10pm - 2:00pm 325 Pupin Laboratories	Jennifer Rhodes	4	22/22
HUMA 1001	006/85419	M W 12:10pm - 2:00pm 412 Pupin Laboratories	Gabriel Bloomfield	4	22/22
HUMA 1001	007/85420	M W 12:10pm - 2:00pm 315 Hamilton Hall	Deborah Martinsen	4	22/22
HUMA 1001	008/85421	M W 2:10pm - 4:00pm 301 Hamilton Hall	Cathy Popkin	4	22/22
HUMA 1001	009/85422	M W 2:10pm - 4:00pm 214 Pupin Laboratories	Alwin Franke	4	18/22
HUMA 1001	010/85423	M W 2:10pm - 4:00pm 307 Pupin Laboratories	Sahar Ullah	4	22/22
HUMA 1001	011/85424	M W 2:10pm - 4:00pm 325 Pupin Laboratories	Jennifer Rhodes	4	22/22
HUMA 1001	012/85425	M W 2:10pm - 4:00pm 313 Hamilton Hall	Joseph Howley	4	21/22
HUMA 1001	013/85426	M W 2:10pm - 4:00pm 425 Pupin Laboratories	Taarini Mookherjee	4	22/22
HUMA 1001	014/85427	M W 4:10pm - 6:00pm 325 Pupin Laboratories	Gabriel Bloomfield	4	21/22
HUMA 1001	015/85428	M W 4:10pm - 6:00pm 101 Knox Hall	William Burton	4	19/22
HUMA 1001	016/85429	M W 4:10pm - 6:00pm 425 Pupin Laboratories	Ashley Simone	4	22/22

HUMA 1001	017/85430	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Kimberly Takahata	4	21/22	HUMA 1001	037/85450	T Th 12:10pm - 2:00pm 301 Hamilton Hall	Karen Van Dyck	4	22/22
HUMA 1001	018/85431	M W 4:10pm - 6:00pm 309 Hamilton Hall	Larry Jackson	4	21/22	HUMA 1001	038/85451	T Th 12:10pm - 2:00pm 306 Hamilton Hall	Zachary Roberts	4	20/22
HUMA 1001	019/85432	M W 4:10pm - 6:00pm 313 Pupin Laboratories	Nancy Workman	4	22/22	HUMA 1001	039/85452	T Th 12:10pm - 2:00pm 111 Carman Hall	Sailakshmi Ramgopal	4	19/22
HUMA 1001	020/85433	M W 4:10pm - 6:00pm C01 Knox Hall	James Adams	4	22/22	HUMA 1001	040/85453	T Th 12:10pm - 2:00pm 206 Broadway Residence Hall	Yujhan Claros	4	21/22
HUMA 1001	021/85434	M W 4:10pm - 6:00pm C01 80 Claremont	Nassime Chida	4	22/22	HUMA 1001	041/85454	T Th 12:10pm - 2:00pm 309 Hamilton Hall	Hannah Weaver	4	20/22
HUMA 1001	022/85435	M W 6:10pm - 8:00pm C01 80 Claremont	Nassime Chida	4	22/22	HUMA 1001	042/85455	T Th 2:10pm - 4:00pm 309 Hamilton Hall	Edward Mendelson	4	21/22
HUMA 1001	023/85436	M W 6:10pm - 8:00pm 301 Hamilton Hall	Ana Fernandez Cebrian	4	21/22	HUMA 1001	043/85456	T Th 2:10pm - 4:00pm Schiff Earl Hall	Michael Paulson	4	21/22
HUMA 1001	024/85437	T Th 8:10am - 10:00am 309 Hamilton Hall	Wolfgang Mann	4	18/22	HUMA 1001	044/85457	T Th 2:10pm - 4:00pm 111 Carman Hall	Molly Murray	4	22/22
HUMA 1001	025/85438	T Th 8:10am - 10:00am 111 Carman Hall	Caio Ferreira	4	22/22	HUMA 1001	045/85458	T Th 2:10pm - 4:00pm 302 Hamilton Hall	Elisabeth Ladenson	4	16/22
HUMA 1001	026/85439	T Th 10:10am - 12:00pm C01 80 Claremont	Clemence Boulouque	4	21/22	HUMA 1001	046/85459	T Th 2:10pm - 4:00pm 424 Pupin Laboratories	Sarah Arkebauer	4	22/22
HUMA 1001	027/85440	T Th 10:10am - 12:00pm A-36 Union Theological Seminary	Usha Nathan	4	21/22	HUMA 1001	047/85460	T Th 2:10pm - 4:00pm 318 Hamilton Hall	Warren Kluber	4	22/22
HUMA 1001	028/85441	T Th 10:10am - 12:00pm 301 Hamilton Hall	Liza Knapp	4	22/22	HUMA 1001	048/85461	T Th 2:10pm - 4:00pm 222 Pupin Laboratories	Shulamit Shinnar	4	20/22
HUMA 1001	029/85442	T Th 10:10am - 12:00pm 327 Seeley W. Mudd Building	Paraskevi Martzavou	4	18/22	HUMA 1001	049/85462	T Th 4:10pm - 6:00pm 318 Hamilton Hall	Erica Drennan	4	22/22
HUMA 1001	030/85443	T Th 10:10am - 12:00pm 309 Hamilton Hall	Nicholas Dames	4	22/22	HUMA 1001	050/85463	T Th 4:10pm - 6:00pm 424 Pupin Laboratories	Sarah Arkebauer	4	22/22
HUMA 1001	031/85444	T Th 10:10am - 12:00pm 104 Knox Hall	Pier Mattia Tommasino	4	21/22	HUMA 1001	051/85464	T Th 4:10pm - 6:00pm Schiff Earl Hall	Will Glovinsky	4	14/22
HUMA 1001	032/85445	T Th 10:10am - 12:00pm 306 Hamilton Hall	Zachary Roberts	4	22/22	HUMA 1001	052/85465	T Th 4:10pm - 6:00pm 109 Hartley Hall	Sierra Eckert	4	22/22
HUMA 1001	033/85446	T Th 10:10am - 12:00pm Schiff Earl Hall	Joseph Albernaz	4	21/22	HUMA 1001	053/85466	T Th 4:10pm - 6:00pm 101 Knox Hall	Timothy Lundy	4	11/22
HUMA 1001	034/85447	T Th 10:10am - 12:00pm 1102 International Affairs Bldg	Sarah bin Tyeer	4	22/22	HUMA 1001	054/85467	T Th 4:10pm - 6:00pm 412 Pupin Laboratories	Zachary Domach	4	17/22
HUMA 1001	035/85448	T Th 10:10am - 12:00pm 109 Hartley Hall	Shulamit Shinnar	4	20/22	HUMA 1001	055/85468	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Rebecca Pawel	4	21/22
HUMA 1001	036/85449	T Th 12:10pm - 2:00pm 253 Engineering Terrace	Dalia Inbal	4	22/22	HUMA 1001	056/85469	T Th 6:10pm - 8:00pm 306 Hamilton Hall	Carina de Klerk	4	10/22
						HUMA 1001	057/85470	T Th 6:10pm - 8:00pm	Katherine McIntyre	4	22/22

HUMA 1001	061/85504	309 Hamilton Hall M W 2:10pm - 4:00pm	Lauren Robertson	4	22/22	HUMA 1002	013/11118	M W 2:10pm - 4:00pm Room TBA	Taarini Mookherjee	4	22/22
HUMA 1001	062/85505	402 International Affairs Bldg T Th 12:10pm - 2:00pm	Almudena Marin- Cobos	4	13/22	HUMA 1002	014/11120	M W 4:10pm - 6:00pm Room TBA	Gabriel Bloomfield	4	22/22
HUMA 1001	063/85506	109 Hartley Hall T Th 2:10pm - 4:00pm	Nolan Gear	4	21/22	HUMA 1002	015/11121	M W 4:10pm - 6:00pm Room TBA	William Burton	4	21/22
		206 Broadway Residence Hall				HUMA 1002	016/11122	M W 4:10pm - 6:00pm Room TBA	Ashley Simone	4	22/22
						HUMA 1002	017/11123	M W 4:10pm - 6:00pm Room TBA	Kimberly Takahata	4	22/22

HUMA CC1002 Masterpieces of Western Literature and Philosophy II. 4 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 2020: HUMA CC1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
HUMA 1002	001/11105	M W 8:10am - 10:00am Room TBA	Alan Ross	4	22/22	HUMA 1002	022/11128	M W 6:10pm - 8:00pm Room TBA	Nassime Chida	4	22/22
HUMA 1002	002/11107	M W 8:10am - 10:00am Room TBA	Kate Brassel	4	22/22	HUMA 1002	023/11129	M W 6:10pm - 8:00pm Room TBA	Ana Fernandez Cebrian	4	22/22
HUMA 1002	003/11108	M W 12:10pm - 2:00pm Room TBA	Dhananjay Jagannathan	4	22/22	HUMA 1002	024/11130	T Th 8:10am - 10:00am Room TBA	Wolfgang Mann	4	22/22
HUMA 1002	004/11109	M W 12:10pm - 2:00pm Room TBA	Kate Brassel	4	22/22	HUMA 1002	025/11131	T Th 8:10am - 10:00am Room TBA	Caio Ferreira	4	22/22
HUMA 1002	005/11110	M W 12:10pm - 2:00pm Room TBA	Jennifer Rhodes	4	22/22	HUMA 1002	026/11132	T Th 10:10am - 12:00pm Room TBA	Clemence Boulouque	4	22/22
HUMA 1002	006/11111	M W 12:10pm - 2:00pm Room TBA	Gabriel Bloomfield	4	22/22	HUMA 1002	027/11133	T Th 10:10am - 12:00pm Room TBA	Seth Kimmel	4	12/22
HUMA 1002	007/11112	M W 12:10pm - 2:00pm Room TBA	Allison Turner	4	22/22	HUMA 1002	028/11134	T Th 10:10am - 12:00pm Room TBA	Liza Knapp	4	22/22
HUMA 1002	008/11113	M W 2:10pm - 4:00pm Room TBA	Cathy Popkin	4	22/22	HUMA 1002	029/11135	T Th 10:10am - 12:00pm Room TBA	Paraskevi Martzavou	4	20/22
HUMA 1002	009/11114	M W 2:10pm - 4:00pm Room TBA	Alwin Franke	4	22/22	HUMA 1002	030/11136	T Th 10:10am - 12:00pm Room TBA	Nicholas Dames	4	22/22
HUMA 1002	010/11115	M W 2:10pm - 4:00pm Room TBA	Sahar Ullah	4	22/22	HUMA 1002	031/11137	T Th 10:10am - 12:00pm Room TBA	Pier Mattia Tommasino	4	22/22
HUMA 1002	011/11116	M W 2:10pm - 4:00pm Room TBA	Jennifer Rhodes	4	22/22	HUMA 1002	032/11138	T Th 10:10am - 12:00pm Room TBA	Zachary Roberts	4	22/22
HUMA 1002	012/11117	M W 2:10pm - 4:00pm Room TBA	Joseph Howley	4	22/22	HUMA 1002	033/11139	T Th 10:10am - 12:00pm Room TBA	Joseph Albernaz	4	16/22
						HUMA 1002	034/11140	T Th 10:10am - 12:00pm Room TBA	Sarah bin Tyeer	4	16/22

HUMA 1002	035/11141	T Th 10:10am - 12:00pm Room TBA	Shulamit Shinnar	4	22/22
HUMA 1002	036/11142	T Th 12:10pm - 2:00pm Room TBA	Dalia Inbal	4	22/22
HUMA 1002	037/11144	T Th 12:10pm - 2:00pm Room TBA	Karen Van Dyck	4	22/22
HUMA 1002	038/11145	T Th 12:10pm - 2:00pm Room TBA	Zachary Roberts	4	22/22
HUMA 1002	039/11147	T Th 12:10pm - 2:00pm Room TBA	Sailakshmi Ramgopal	4	22/22
HUMA 1002	040/11148	T Th 12:10pm - 2:00pm Room TBA	Yujhan Claros	4	22/22
HUMA 1002	041/11149	T Th 12:10pm - 2:00pm Room TBA	Hannah Weaver	4	13/22
HUMA 1002	042/11150	T Th 2:10pm - 4:00pm Room TBA	Edward Mendelson	4	22/22
HUMA 1002	043/11151	T Th 2:10pm - 4:00pm Room TBA	Michael Paulson	4	22/22
HUMA 1002	044/11152	T Th 2:10pm - 4:00pm Room TBA	Molly Murray	4	22/22
HUMA 1002	045/11153	T Th 2:10pm - 4:00pm Room TBA	Elisabeth Ladenson	4	11/22
HUMA 1002	046/11154	T Th 2:10pm - 4:00pm Room TBA	Sarah Arkebauer	4	22/22
HUMA 1002	047/11155	T Th 2:10pm - 4:00pm Room TBA	Warren Kluber	4	22/22
HUMA 1002	048/11156	T Th 2:10pm - 4:00pm Room TBA	Shulamit Shinnar	4	19/22
HUMA 1002	049/11157	T Th 4:10pm - 6:00pm Room TBA	Erica Drennan	4	21/22
HUMA 1002	050/11158	T Th 4:10pm - 6:00pm Room TBA	Sarah Arkebauer	4	22/22
HUMA 1002	051/11159	T Th 4:10pm - 6:00pm Room TBA	Will Glovinsky	4	13/22
HUMA 1002	052/11160	T Th 4:10pm - 6:00pm Room TBA	Sierra Eckert	4	22/22
HUMA 1002	053/11161	T Th 4:10pm - 6:00pm Room TBA	Timothy Lundy	4	11/22
HUMA 1002	054/11162	T Th 4:10pm - 6:00pm Room TBA	Zachary Domach	4	22/22
HUMA 1002	055/11163	T Th 4:10pm - 6:00pm Room TBA	Rebecca Pawel	4	21/22
HUMA 1002	056/11164	T Th 6:10pm - 8:00pm Room TBA	Carina de Klerk	4	12/22

HUMA 1002	057/11165	T Th 6:10pm - 8:00pm Room TBA	Katherine McIntyre	4	22/22
HUMA 1002	061/11166	M W 2:10pm - 4:00pm Room TBA	Lauren Robertson	4	22/22
HUMA 1002	062/11167	T Th 12:10pm - 2:00pm Room TBA	Almudena Marin-Cobos	4	16/22
HUMA 1002	063/11168	T Th 2:10pm - 4:00pm Room TBA	Nolan Gear	4	22/22

CONTEMPORARY CIVILIZATION

Chair for Contemporary Civilization

Prof. Emmanuelle M Saada

516 Philosophy

212-854-3691

es2593@columbia.edu

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

The central purpose of *COCI CC1101-COCI CC1102*

Introduction To Contemporary Civilization In the West II, also known as “*Contemporary Civilization*” or “CC”, is to introduce students to a range of issues concerning the kinds of communities—political, social, moral, and religious—that human beings construct for themselves and the values that inform and define such communities, in order to prepare students to become active and informed citizens. Founded in 1919 as a course on war and peace issues, *Contemporary Civilization* has evolved continuously while remaining a constant and essential element of the Columbia College curriculum. The course asks students to read closely texts in various traditions of argument and to construct arguments of their own, both in speech and in writing, about some of the explicit and implicit issues that these texts raise.

Both the form and the content of the course contribute to the achievement of its aims. The discussion format is intended to respond in a palpable way to the existence, in these traditions, of different and often conflicting points of view; to embody the possibility of reasoned discourse among people who hold disparate convictions; and to help students sharpen their own skills of thought and argument about matters of current personal and civic concern through participating in and extending the debates of the past. The *Contemporary Civilization* syllabus introduces students to a set of ideas and arguments that has played a formative role in the political and cultural history of our time, alerts them to ideas that have not held an influential role in that history, and acquaints them with some exemplars of critical thinking about alternative cultures, institutions, and practices.

Because *Contemporary Civilization* is a year-long course, readings are necessarily selective. While these readings change from time to time, the factors that lead to adoption of a text always

include historical influence, the presentation of ideas of enduring importance, and the demonstrated ability of a text to provoke productive discussion. Among the readings currently required in the course are the Bible, the Qur'an, and works by Plato, Aristotle, Augustine, Machiavelli, Descartes, Hobbes, Locke, Rousseau, Smith, Kant, Burke, Tocqueville, Mill, Marx, Darwin, Nietzsche, DuBois, Gandhi, Arendt, Fanon, and Foucault.

REGISTRATION PROCEDURE

All information concerning registration in *COCI CC1101-COCI CC1102 Introduction To Contemporary Civilization In the West II* is included in the registration materials sent to students. Students normally take Contemporary Civilization in their second year at Columbia.

All Core Curriculum courses, including *Contemporary Civilization*, must be taken for a letter grade. Students may not drop or withdraw from *Contemporary Civilization* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 6)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

COCI CC1101 Introduction To Contemporary Civilization in the West I. 4 points.

Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, 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 2019: COCI CC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1101	003/85352	M W 10:10am - 12:00pm 313 Hamilton Hall	Emily Rutherford	4	22/22
COCI 1101	004/85353	M W 10:10am - 12:00pm 109 Hartley Hall	Aubrey Gabel	4	20/22
COCI 1101	005/85354	M W 10:10am - 12:00pm 309 Hamilton Hall	Courtney Bender	4	21/22
COCI 1101	006/85355	M W 10:10am - 12:00pm 301 Hamilton Hall	Michael Stanislawski	4	22/22
COCI 1101	007/85356	M W 10:10am - 12:00pm 413 Hamilton Hall	Hannah Farber	4	21/22
COCI 1101	008/85357	M W 10:10am - 12:00pm 302 Hamilton Hall	Zachary Levine	4	22/22
COCI 1101	009/85358	M W 12:10pm - 2:00pm 306 Hamilton Hall	Jason Resnikoff	4	22/22

COCI 1101	010/85359	M W 12:10pm - 2:00pm 301 Hamilton Hall	Adam Leeds	4	21/22
COCI 1101	011/85360	M W 12:10pm - 2:00pm 313 Hamilton Hall	Charles McNamara	4	15/22
COCI 1101	012/85361	M W 12:10pm - 2:00pm 109 Hartley Hall	Ruairidh MacLeod	4	22/22
COCI 1101	013/85362	M W 12:10pm - 2:00pm 413 Hamilton Hall	Annie Pfeifer	4	22/22
COCI 1101	014/85363	M W 12:10pm - 2:00pm 206 Broadway Residence Hall	Vivek Yadav	4	18/22
COCI 1101	015/85364	M W 2:10pm - 4:00pm 402 Hamilton Hall	Dennis Tenen	4	22/22
COCI 1101	016/85365	M W 2:10pm - 4:00pm 318 Hamilton Hall	Joshua Simon	4	21/22
COCI 1101	017/85366	M W 2:10pm - 4:00pm 306 Hamilton Hall	Shamus Khan	4	22/22
COCI 1101	018/85367	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Nadia Urbinati	4	13/22
COCI 1101	019/85368	M W 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Marwa Elshakry	4	22/22
COCI 1101	020/85369	M W 2:10pm - 4:00pm 109 Hartley Hall	Ruairidh MacLeod	4	22/22
COCI 1101	021/85370	M W 2:10pm - 4:00pm 302 Hamilton Hall	Carol Rovane	4	22/22
COCI 1101	022/85371	M W 2:10pm - 4:00pm 111 Carman Hall	Julie Crawford	4	21/22
COCI 1101	023/85372	M W 4:10pm - 6:00pm 109 Hartley Hall	Ana Lee	4	22/22
COCI 1101	024/85373	M W 4:10pm - 6:00pm 306 Hamilton Hall	Sebastien Rivat	4	20/22
COCI 1101	025/85374	M W 4:10pm - 6:00pm 301 Hamilton Hall	Kathy Eden	4	22/22
COCI 1101	026/85375	M W 4:10pm - 6:00pm 302 Hamilton Hall	Richard John	4	20/22
COCI 1101	027/85376	M W 4:10pm - 6:00pm 707 Hamilton Hall	Lamyu Bo	4	21/22
COCI 1101	028/85377	M W 4:10pm - 6:00pm Schiff Earl Hall	Cesar Cabezas Gamarra	4	21/22
COCI 1101	029/85378	M W 4:10pm - 6:00pm 401 Hamilton Hall	Andrew McLaren	4	21/22
COCI 1101	030/85379	M W 4:10pm - 6:00pm 616 Hamilton Hall	Brooks Swett	4	21/22

COCI 1101 031/85380	M W 6:10pm - 8:00pm 206 Broadway Residence Hall	Michael Gottsegen	4	18/22	206 Broadway Residence Hall			
COCI 1101 032/85381	M W 6:10pm - 8:00pm 313 Hamilton Hall	David Ragazzoni	4	21/22	COCI 1101 052/85401	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Matthew Hart	4 22/22
COCI 1101 033/85382	T Th 8:10am - 10:00am 402 Hamilton Hall	Hengameh Ziai	4	22/22	COCI 1101 053/85402	T Th 4:10pm - 6:00pm 309 Hamilton Hall	Clement Godbarge	4 16/22
COCI 1101 034/85383	T Th 8:10am - 10:00am 315 Hamilton Hall	Benjamin Mueser	4	20/22	COCI 1101 054/85403	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Tunc Sen	4 22/22
COCI 1101 035/85384	T Th 10:10am - 12:00pm 402 Hamilton Hall	Thomas Dodman	4	19/22	COCI 1101 055/85404	T Th 4:10pm - 6:00pm 222 Pupin Laboratories	Caroline Marris	4 21/22
COCI 1101 036/85385	T Th 10:10am - 12:00pm 201 80 Claremont	Matthew Engelke	4	22/22	COCI 1101 056/85405	T Th 6:10pm - 8:00pm 316 Hamilton Hall	Gal Katz	4 21/22
COCI 1101 037/85386	T Th 10:10am - 12:00pm 405 Kent Hall	Luca Provenzano	4	19/22	COCI 1101 057/85407	T Th 6:10pm - 8:00pm 111 Carman Hall	Conor Cullen	4 18/22
COCI 1101 038/85387	T Th 10:10am - 12:00pm 214 Pupin Laboratories	Brittany Koffer	4	22/22	COCI 1101 061/85501	M W 10:10am - 12:00pm 111 Carman Hall	Daniel del Nido	4 22/22
COCI 1101 039/85388	T Th 10:10am - 12:00pm 111 Carman Hall	Neslihan Senocak	4	20/22	COCI 1101 062/85502	M W 2:10pm - 4:00pm 707 Hamilton Hall	Lamyu Bo	4 20/22
COCI 1101 040/85389	T Th 10:10am - 12:00pm C01 Knox Hall	Elaine van Dalen	4	15/22	COCI 1101 063/85503	T Th 10:10am - 12:00pm 601b Fairchild Life Sciences Bldg	Daniel del Nido	4 20/22
COCI 1101 041/85390	T Th 10:10am - 12:00pm 302 Hamilton Hall	Nicole Callahan	4	13/22	COCI 1101 064/15023	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Lars Heisenberg	4 22/22
COCI 1101 042/85391	T Th 2:10pm - 4:00pm 104 Knox Hall	Charly Coleman	4	22/22	COCI 1101 065/15024	M W 4:10pm - 6:00pm 411 Hamilton Hall	Michelle Chun	4 14/22
COCI 1101 043/85392	T Th 2:10pm - 4:00pm 325 Pupin Laboratories	Gal Katz	4	22/22	COCI 1101 066/15025	M W 6:10pm - 8:00pm 411 Hamilton Hall	Michelle Chun	4 12/22
COCI 1101 044/85393	T Th 2:10pm - 4:00pm 301 Hamilton Hall	Richard Billows	4	21/22	COCI CC1102 Introduction To Contemporary Civilization In the West II. 4 points.			
COCI 1101 045/85394	T Th 2:10pm - 4:00pm 522c Kent Hall	Karen Gover	4	20/22	<i>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.</i>			
COCI 1101 046/85395	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Susan Pedersen	4	22/22	Spring 2020: COCI CC1102			
COCI 1101 047/85396	T Th 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Catherine Evtuhov	4	22/22	Course Number	Section/Call Number	Times/Location	Instructor Points Enrollment
COCI 1101 048/85397	T Th 2:10pm - 4:00pm 511 Hamilton Hall	Nicole Callahan	4	20/22	COCI 1102 001/10981	M W 8:10am - 10:00am Room TBA	Awo Sumah	4 19/22
COCI 1101 049/85398	T Th 2:10pm - 4:00pm 509 Hamilton Hall	Tyrone Palmer	4	20/22	COCI 1102 002/10984	M W 8:10am - 10:00am Room TBA	Charles McNamara	4 18/22
COCI 1101 050/85399	T Th 4:10pm - 6:00pm 325 Pupin Laboratories	Phillip Polefrone	4	22/22	COCI 1102 003/10985	M W 10:10am - 12:00pm	Emily Rutherford	4 22/22
COCI 1101 051/85400	T Th 4:10pm - 6:00pm	Tillmann Taape	4	20/22				

COCI 1102 004/10986	Room TBA M W 10:10am - 12:00pm	Aubrey Gabel	4	21/22	COCI 1102 026/11065	M W 4:10pm - 6:00pm Room TBA	Richard John	4	22/22
COCI 1102 005/10987	Room TBA M W 10:10am - 12:00pm	Courtney Bender	4	22/22	COCI 1102 027/11066	M W 4:10pm - 6:00pm Room TBA	Lamyu Bo	4	22/22
COCI 1102 006/10988	Room TBA M W 10:10am - 12:00pm	Camille Robcis	4	22/22	COCI 1102 028/11067	M W 4:10pm - 6:00pm Room TBA	Cesar Cabezas Gamarra	4	21/22
COCI 1102 007/10989	Room TBA M W 10:10am - 12:00pm	Hannah Farber	4	22/22	COCI 1102 029/11068	M W 4:10pm - 6:00pm Room TBA	Andrew McLaren	4	20/22
COCI 1102 008/10990	Room TBA M W 10:10am - 12:00pm	Zachary Levine	4	21/22	COCI 1102 030/11069	M W 4:10pm - 6:00pm Room TBA	Brooks Swett	4	22/22
COCI 1102 009/10991	Room TBA M W 12:10pm - 2:00pm	Jason Resnikoff	4	22/22	COCI 1102 031/11070	M W 6:10pm - 8:00pm Room TBA	Michael Gottsegen	4	22/22
COCI 1102 010/11000	Room TBA M W 12:10pm - 2:00pm	Adam Leeds	4	12/22	COCI 1102 032/11071	M W 6:10pm - 8:00pm Room TBA	David Ragazzoni	4	22/22
COCI 1102 011/11001	Room TBA M W 12:10pm - 2:00pm	Charles McNamara	4	11/22	COCI 1102 033/11072	T Th 8:10am - 10:00am Room TBA	Hengameh Ziai	4	22/22
COCI 1102 012/11002	Room TBA M W 12:10pm - 2:00pm	Ruairidh MacLeod	4	22/22	COCI 1102 034/11073	T Th 8:10am - 10:00am Room TBA	Benjamin Mueser	4	22/22
COCI 1102 013/11003	Room TBA M W 12:10pm - 2:00pm	Annie Pfeifer	4	22/22	COCI 1102 035/11074	T Th 10:10am - 12:00pm Room TBA	Thomas Dodman	4	19/22
COCI 1102 014/11004	Room TBA M W 12:10pm - 2:00pm	Vivek Yadav	4	22/22	COCI 1102 036/11075	T Th 10:10am - 12:00pm Room TBA	Matthew Engelke	4	21/22
COCI 1102 015/11005	Room TBA M W 2:10pm - 4:00pm	Dennis Tenen	4	22/22	COCI 1102 037/11076	T Th 10:10am - 12:00pm Room TBA	Luca Provenzano	4	14/22
COCI 1102 016/11006	Room TBA M W 2:10pm - 4:00pm	Joshua Simon	4	22/22	COCI 1102 038/11077	T Th 10:10am - 12:00pm Room TBA	Luke MacInnis	4	22/22
COCI 1102 017/11007	Room TBA M W 2:10pm - 4:00pm	Samuel Abrams	4	14/22	COCI 1102 039/11078	T Th 10:10am - 12:00pm Room TBA	Neslihan Senocak	4	22/22
COCI 1102 018/11008	Room TBA M W 2:10pm - 4:00pm	Andrew Nathan	4	22/22	COCI 1102 040/11081	T Th 10:10am - 12:00pm Room TBA	Elaine van Dalen	4	22/22
COCI 1102 019/11009	Room TBA M W 2:10pm - 4:00pm	Marwa Elshakry	4	22/22	COCI 1102 041/11082	T Th 10:10am - 12:00pm Room TBA	Nicole Callahan	4	20/22
COCI 1102 020/11010	Room TBA M W 2:10pm - 4:00pm	Ruairidh MacLeod	4	22/22	COCI 1102 042/11083	T Th 2:10pm - 4:00pm Room TBA	Manan Ahmed	4	22/22
COCI 1102 021/11044	Room TBA M W 2:10pm - 4:00pm	Carol Rovane	4	22/22	COCI 1102 043/11084	T Th 2:10pm - 4:00pm Room TBA	Gal Katz	4	22/22
COCI 1102 022/11045	Room TBA M W 2:10pm - 4:00pm	Julie Crawford	4	22/22	COCI 1102 044/11085	T Th 2:10pm - 4:00pm Room TBA	Richard Billows	4	22/22
COCI 1102 023/11054	Room TBA M W 4:10pm - 6:00pm	Ana Lee	4	22/22	COCI 1102 045/11086	T Th 2:10pm - 4:00pm Room TBA	Karen Gover	4	22/22
COCI 1102 024/11055	Room TBA M W 4:10pm - 6:00pm	Sebastien Rivat	4	22/22	COCI 1102 046/11087	T Th 2:10pm - 4:00pm Room TBA	Roosevelt Montas	4	21/22
COCI 1102 025/11064	Room TBA M W 4:10pm - 6:00pm	Kathy Eden	4	22/22	COCI 1102 047/11088	T Th 2:10pm - 4:00pm Room TBA	Catherine Evtuhov	4	22/22

COCI 1102 048/11089	T Th 2:10pm - 4:00pm Room TBA	Nicole Callahan	4	16/22
COCI 1102 049/11090	T Th 2:10pm - 4:00pm Room TBA	Tyrone Palmer	4	22/22
COCI 1102 050/11091	T Th 4:10pm - 6:00pm Room TBA	Phillip Polefrone	4	22/22
COCI 1102 051/11092	T Th 4:10pm - 6:00pm Room TBA	Tillmann Taape	4	16/22
COCI 1102 052/11093	T Th 4:10pm - 6:00pm Room TBA	Matthew Hart	4	22/22
COCI 1102 053/11094	T Th 4:10pm - 6:00pm Room TBA	Clement Godborge	4	22/22
COCI 1102 054/11095	T Th 4:10pm - 6:00pm Room TBA		4	17/22
COCI 1102 055/11096	T Th 4:10pm - 6:00pm Room TBA	Caroline Marris	4	22/22
COCI 1102 056/11097	T Th 6:10pm - 8:00pm Room TBA	Gal Katz	4	22/22
COCI 1102 057/11098	T Th 6:10pm - 8:00pm Room TBA	Conor Cullen	4	14/22
COCI 1102 061/11099	M W 10:10am - 12:00pm Room TBA	Daniel del Nido	4	16/22
COCI 1102 062/11100	M W 2:10pm - 4:00pm Room TBA	Lamyu Bo	4	20/22
COCI 1102 063/11101	T Th 10:10am - 12:00pm Room TBA	Daniel del Nido	4	17/22
COCI 1102 064/11102	T Th 6:10pm - 8:00pm Room TBA	Lars Heisenberg	4	22/22
COCI 1102 065/11103	M W 4:10pm - 6:00pm Room TBA	Michelle Chun	4	14/22
COCI 1102 066/11104	M W 6:10pm - 8:00pm Room TBA	Michelle Chun	4	12/22

ART HUMANITIES

Chair of Art Humanities

Prof. Noam Elcott
907 Schermerhorn
212-854-7968
nme2106@columbia.edu

Art Humanities Website (<https://arthum.college.columbia.edu/>)

HUMA UN1121 Masterpieces of Western Art, or “*Art Humanities*”, has been a degree requirement for all College students and an integral part of the Core Curriculum since 1947. It teaches students how to look at, think about, and engage in critical discussion of the visual arts. It is not a historical survey,

but an analytical study of a limited number of monuments and artists. The course focuses on the formal structure of works of architecture, sculpture, painting, and other media, as well as the historical contexts in which these works were made and understood. Among the topics included in the syllabus are the Parthenon, Amiens Cathedral, and works by Raphael, Michelangelo, Bruegel, Bernini, Rembrandt, Goya, Monet, Picasso, Wright, Le Corbusier, Pollock, and Warhol. In addition to discussion-based class meetings, all sections of Art Humanities make extensive use of the vast resources of New York City through field trips to museums, buildings, and monuments. A sophisticated website is an integral part of the course and can be viewed at <http://learn.columbia.edu/mc/arthum/index.html> (<http://learn.columbia.edu/mc/arthum/>).

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. 6)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA UN1121 Masterpieces of Western Art. 3 points.

Discussion and analysis of the artistic qualities and significance of selected works of painting, sculpture, and architecture from the Parthenon in Athens to works of the 20th century.

Fall 2019: HUMA UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	001/10578	M W 8:40am - 9:55am 608 Schermerhorn Hall	Erhan Tamur	3	20/22
HUMA 1121	002/10374	M W 10:10am - 11:25am 604 Schermerhorn Hall	Francesco Cassini	3	21/22
HUMA 1121	003/10376	M W 10:10am - 11:25am 607 Schermerhorn Hall	Alexandra Helprin	3	19/22
HUMA 1121	004/10579	M W 10:10am - 11:25am 608 Schermerhorn Hall	Joseph Woldman	3	20/22
HUMA 1121	005/10378	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Alessandra Di Croce	3	21/22
HUMA 1121	006/10379	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Alexandra Helprin	3	20/22

HUMA 1121	007/10380	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Xiaohan Du	3	22/22	HUMA 1121	024/10412	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Emma Le Pouesard	3	19/22
HUMA 1121	008/10381	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Alessandra Di Croce	3	22/22	HUMA 1121	025/10413	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Laura Biascochea	3	17/22
HUMA 1121	009/10382	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Martina Mims	3	22/22	HUMA 1121	026/10414	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Susan Sivard	3	21/22
HUMA 1121	010/10383	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Alex Weintraub	3	21/22	HUMA 1121	027/10415	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Charlotte Gorant	3	20/22
HUMA 1121	011/10384	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Natalie McCann	3	21/22	HUMA 1121	028/10416	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Gwen Unger	3	18/22
HUMA 1121	012/10385	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Irina Oryshkevich	3	22/22	HUMA 1121	029/10417	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Janina Marshall	3	18/22
HUMA 1121	013/10386	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Alex Weintraub	3	19/22	HUMA 1121	031/16192	M W 7:40pm - 8:55pm 604 Schermerhorn Hall	Seher Agarwala	3	15/22
HUMA 1121	014/10387	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Susannah Blair	3	21/22	HUMA 1121	032/16194	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Elizabeth Perkins	3	22/22
HUMA 1121	015/10388	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	James Chamberlain	3	21/22	HUMA 1121	033/16195	T Th 11:40am - 12:55pm 604 Schermerhorn Hall	Eliza Butler	3	22/22
HUMA 1121	016/10404	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Molly Allen	3	21/22	HUMA 1121	035/16197	T Th 11:40am - 12:55pm 608 Schermerhorn Hall	Michael Sanchez	3	22/22
HUMA 1121	017/10405	M W 5:40pm - 6:55pm 604 Schermerhorn Hall	Nicholas Frobes-Cross	3	22/22	HUMA 1121	037/16199	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Gillian Young	3	22/22
HUMA 1121	018/10406	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Molly Allen	3	22/22	HUMA 1121	038/16200	T Th 5:45pm - 6:55pm 607 Schermerhorn Hall	Nicholas Morgan	3	16/22
HUMA 1121	019/10580	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Page Knox	3	22/22	HUMA 1121	039/16193	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Heather Woolley	3	21/22
HUMA 1121	020/10408	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Eliza Butler	3	22/22	HUMA 1121	040/16215	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Leah Werier	3	21/22
HUMA 1121	021/10409	T Th 10:10am - 11:25am 607 Schermerhorn Hall	David Sledge	3	22/22	Spring 2020: HUMA UN1121					
HUMA 1121	022/10410	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Michael Sanchez	3	22/22	HUMA 1121	001/12870	M W 8:40am - 9:55am 608 Schermerhorn Hall	Xiaohan Du	3	21/21
HUMA 1121	023/10411	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Sophia Merkin	3	21/22	HUMA 1121	002/12872	M W 8:40am - 9:55am 604 Schermerhorn Hall	Joseph Woldman	3	21/21

HUMA 1121	003/12880	M W 10:10am - 11:25am 608 Schermerhorn Hall	Dawn Delbanco	3	21/21	HUMA 1121	020/12899	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Heather Woolley	3	21/21
HUMA 1121	004/12881	M W 10:10am - 11:25am 604 Schermerhorn Hall	Noam Elcott	3	21/21	HUMA 1121	021/12900	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Caroline Wamsler	3	21/21
HUMA 1121	005/12883	M W 10:10am - 11:25am 607 Schermerhorn Hall	Holger Klein	3	21/21	HUMA 1121	022/12901	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Alexandra Helprin	3	21/21
HUMA 1121	006/12884	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Erhan Tamur	3	21/21	HUMA 1121	023/12902	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Diane Bodart	3	21/21
HUMA 1121	007/12886	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Martina Mims	3	21/21	HUMA 1121	024/12903	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Eliza Butler	3	21/21
HUMA 1121	008/12887	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Kelly Presutti	3	21/21	HUMA 1121	025/12905	T Th 11:40am - 12:55pm 607 Schermerhorn Hall	Eliza Butler	3	21/21
HUMA 1121	009/12888	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Alex Weintraub	3	21/21	HUMA 1121	026/12906	T Th 11:40am - 12:55pm 608 Schermerhorn Hall	Alexandra Helprin	3	21/21
HUMA 1121	010/12889	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	David Sledge	3	21/21	HUMA 1121	027/12907	T Th 11:40am - 12:55pm 604 Schermerhorn Hall	Sophia Merkin	3	21/21
HUMA 1121	011/12890	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Alessandra Di Croce	3	21/21	HUMA 1121	028/12909	T Th 1:10pm - 2:25pm 608 Schermerhorn Hall	Gwen Unger	3	21/21
HUMA 1121	012/12891	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Alex Weintraub	3	21/21	HUMA 1121	029/12911	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Emma Le Pouesard	3	21/21
HUMA 1121	013/12892	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Molly Allen	3	21/21	HUMA 1121	030/12912	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Michael Sanchez	3	21/21
HUMA 1121	014/12893	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Alessandra Di Croce	3	21/21	HUMA 1121	031/12913	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Michael Sanchez	3	21/21
HUMA 1121	015/12894	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Susannah Blair	3	21/21	HUMA 1121	032/12914	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Michael Waters	3	21/21
HUMA 1121	016/16749	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Eszter Polonyi	3	21/21	HUMA 1121	033/12915	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Laura Biascochea	3	21/21
HUMA 1121	017/12895	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Molly Allen	3	21/21	HUMA 1121	034/12916	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Natalie McCann	3	21/21
HUMA 1121	018/12896	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Sandrine Larrive-Bass	3	21/21	HUMA 1121	035/12917	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Nicholas Morgan	3	21/21
HUMA 1121	019/12897	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Lucas Cohen	3	21/21	HUMA 1121	036/12918	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Hannah Friedman	3	21/21

HUMA 1121	037/12919	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Janina Marshall	3	21/21
HUMA 1121	038/12920	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Lorenzo Vigotti	3	21/21
HUMA 1121	039/12921	T Th 7:40pm - 8:55pm 607 Schermerhorn Hall	Irina Oryshkevich	3	21/21
HUMA 1121	040/12922	T Th 7:40pm - 8:55pm 608 Schermerhorn Hall	James Chamberlain	3	21/21

MUSIC HUMANITIES

Chair of Music Humanities

Prof. Elaine Sisman

604 Dodge Hall

212-854-7728

es53@columbia.edu (gg2024@columbia.edu)

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

The focus of Music Humanities is on the many forms of the Western musical imagination in art music, through works studied in their historical and cultural contexts. The specific goals of the course are to awaken and encourage active, critical, and comparative listening practices, to provide tools to respond verbally to a variety of musical idioms, and to create engagement with the debates about the character and purposes of music that have occupied composers and musical thinkers since ancient times. The extraordinary richness of musical life in New York is an integral part of the course.

The course moves chronologically from the Middle Ages to the present, examining the choices and assumptions of composers, their patrons, audiences, and performers, and exploring what we can and can't know about how music of the past may have sounded. Students' critical perceptions and articulate responses to the music, and to the source readings that are a hallmark of the Core, will be a vital part of the class.

REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1123 Masterpieces of Western Music is included in the registration materials sent to students. It is the expectation of the College that all students complete *Music Humanities* by the end of their third year.

All Core Curriculum courses, including *Music Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Music Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 6)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA UN1123 Masterpieces of Western Music. 3 points.

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

Fall 2019: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10418	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	002/10419	M W 8:40am - 9:55am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	003/10420	M W 8:40am - 9:55am 622 Dodge Building	Julia Hamilton	3	24/25
HUMA 1123	004/10421	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	005/10422	M W 10:10am - 11:25am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	006/10423	M W 10:10am - 11:25am 716 Hamilton Hall	Julia Doe	3	25/25
HUMA 1123	007/10424	M W 1:10pm - 2:25pm 622 Dodge Building	Elaine Sisman	3	24/25
HUMA 1123	008/10425	M W 1:10pm - 2:25pm 716 Hamilton Hall	Christopher Washburne	3	25/25
HUMA 1123	009/10426	M W 2:40pm - 3:55pm 404 Dodge Building	Walter Frisch	3	22/25
HUMA 1123	010/10427	M W 2:40pm - 3:55pm 405 Dodge Building	Sean Colonna	3	25/25
HUMA 1123	011/10428	M W 2:40pm - 3:55pm 716 Hamilton Hall	Jonathan Ligrani	3	22/25
HUMA 1123	012/10429	M W 4:10pm - 5:25pm 404 Dodge Building	Mariusz Kozak	3	22/25
HUMA 1123	013/10430	M W 4:10pm - 5:25pm 405 Dodge Building	Madeleine Turner	3	21/25
HUMA 1123	014/10431	M W 4:10pm - 5:25pm 716 Hamilton Hall	William Dougherty	3	23/25
HUMA 1123	015/10432	M W 6:10pm - 7:25pm 404 Dodge Building	Rachel Chung	3	24/25
HUMA 1123	016/10433	M W 6:10pm - 7:25pm 405 Dodge Building	Audrey Amsellem	3	21/25
HUMA 1123	017/10434	M W 6:10pm - 7:25pm 716 Hamilton Hall	Mike Ford	3	15/25
HUMA 1123	018/10435	T Th 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	24/25
HUMA 1123	019/10436	T Th 8:40am - 9:55am 622 Dodge Building	Thomas Fogg	3	23/25

HUMA 1123	020/10437	T Th 10:10am - 11:25am 404 Dodge Building	Thomas Fogg	3	25/25			404 Dodge Building		
HUMA 1123	021/10438	T Th 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	25/25	HUMA 1123	010/11206	M W 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	022/10439	T Th 10:10am - 11:25am 716 Hamilton Hall	Marilyn McCoy	3	24/25	HUMA 1123	011/11207	M W 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	023/10440	T Th 1:10pm - 2:25pm 404 Dodge Building	Joshua Navon	3	25/25	HUMA 1123	012/11208	M W 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	024/10441	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Sonja Wermager	3	24/25	HUMA 1123	013/11209	M W 4:10pm - 5:25pm 405 Dodge Building	3	24/24
HUMA 1123	025/10442	T Th 2:40pm - 3:55pm 404 Dodge Building	Magdalena Baczeska	3	25/25	HUMA 1123	014/11210	M W 4:10pm - 5:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	026/10443	T Th 2:40pm - 3:55pm 405 Dodge Building	Gabrielle Ferrari	3	23/25	HUMA 1123	015/11211	M W 6:10pm - 7:25pm 404 Dodge Building	3	24/24
HUMA 1123	027/10444	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Saad Haddad	3	23/25	HUMA 1123	016/11212	M W 6:10pm - 7:25pm 405 Dodge Building	3	24/24
HUMA 1123	028/10445	T Th 4:10pm - 5:25pm 404 Dodge Building	Joshua Navon	3	25/25	HUMA 1123	017/11213	M W 6:10pm - 7:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	029/10446	T Th 4:10pm - 5:25pm 405 Dodge Building	Anne Levitsky	3	23/25	HUMA 1123	018/11215	T Th 8:40am - 9:55am 405 Dodge Building	3	24/24
HUMA 1123	030/10447	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Mark Saccomano	3	22/25	HUMA 1123	019/11214	T Th 8:40am - 9:55am 622 Dodge Building	3	24/24
HUMA 1123	031/10448	T Th 6:10pm - 7:25pm 404 Dodge Building	Demetrius Shahmehri	3	21/25	HUMA 1123	020/11216	T Th 10:10am - 11:25am 404 Dodge Building	3	24/24
HUMA 1123	032/10449	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Ryan Pratt	3	24/25	HUMA 1123	021/11217	T Th 10:10am - 11:25am 405 Dodge Building	3	24/24
Spring 2020: HUMA UN1123						HUMA 1123	022/11218	T Th 10:10am - 11:25am 716 Hamilton Hall	3	24/24
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	HUMA 1123	023/11219	T Th 1:10pm - 2:25pm 404 Dodge Building	3	24/24
HUMA 1123	001/11175	M W 8:40am - 9:55am 404 Dodge Building		3	24/24	HUMA 1123	024/11220	T Th 1:10pm - 2:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	002/11176	M W 8:40am - 9:55am 405 Dodge Building		3	24/24	HUMA 1123	025/11221	T Th 2:40pm - 3:55pm 404 Dodge Building	3	24/24
HUMA 1123	003/11177	M W 8:40am - 9:55am 622 Dodge Building		3	24/24	HUMA 1123	026/11222	T Th 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	004/11178	M W 10:10am - 11:25am 404 Dodge Building		3	24/24	HUMA 1123	027/11223	T Th 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	005/11179	M W 10:10am - 11:25am 405 Dodge Building		3	24/24	HUMA 1123	028/11224	T Th 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	006/11180	M W 10:10am - 11:25am 716 Hamilton Hall		3	24/24	HUMA 1123	029/11225	T Th 4:10pm - 5:25pm 405 Dodge Building	3	24/24
HUMA 1123	007/11184	M 1:10pm - 2:25pm 622 Dodge Building		3	24/24	HUMA 1123	030/11226	T Th 4:10pm - 5:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	008/11185	M W 1:10pm - 2:25pm 716 Hamilton Hall		3	24/24	HUMA 1123	031/11227	T Th 6:10pm - 7:25pm 404 Dodge Building	3	24/24
HUMA 1123	009/11205	M W 2:40pm - 3:55pm		3	24/24					

HUMA 032/11228 T Th 6:10pm - 3 24/24
1123 7:25pm
716 Hamilton Hall

EXEMPTION FROM MUSIC HUMANITIES

Although all Columbia students are expected to take *Music Humanities*, there are some students who enter with exceptional musical backgrounds that may qualify them for exemption. Exemption from *Music Humanities* may be obtained by passing an Exemption Exam. In the case of transfer students, exemption may also be obtained by filing a course substitution request.

Exemption Exam

The Exemption Exam is offered on the first Friday of the fall semester by the Music Department (621 Dodge Hall). Students who matriculate in the spring semester should take the exam in the following fall term. Students may take the exam only once during their first year at Columbia. If they do not pass the exam, they must enroll in a section of *Music Humanities*.

Course Substitution

In addition to the Exemption Exam, students with approved transfer credit have the option of requesting exemption on the basis of a similar music course passed with a grade of B or higher at another college or university. This exemption must be requested during the student's first semester at Columbia. Petitions submitted in subsequent semesters will not be considered by the Center for the Core Curriculum.

FRONTIERS OF SCIENCE

Chair of Frontiers of Science

Prof. David J. Helfand
1008B Pupin Hall
212-854-6876
djh@astro.columbia.edu

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

SCNC CC1000 Frontiers of Science and *SCNC CC1100 Frontiers of Science: Discussion* is a one-semester course that integrates modern science into the Core Curriculum. The course includes lectures and seminar sections. On Mondays throughout the semester, each of Columbia's leading scientists present a mini-series of lectures. During the rest of the week, senior faculty and Columbia post-doctoral science fellows (research scientists selected for their teaching abilities) lead seminar sections limited to twenty-two students to discuss the lecture and its associated readings, and 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	Intensive Organic Chemistry I
- CHEM UN2046	(Lecture) and Intensive Organic Chemistry II (Lecture) (formerly CHEM W3045-CHEM W3046)

PHYS UN1601	Physics, I: Mechanics and
- PHYS UN1602	Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism

PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Students wishing to petition to postpone should do so in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) 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. 6)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

SCNC CC1000 Frontiers of Science. 4 points.

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 2019: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/85413	M 10:30am - 12:00pm 147 Horace Mann Bldg	Ivana Hughes	4	533/570

Spring 2020: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SCNC 001/11079 M 10:30am - Ivana 4 567/570
1000 12:00pm Hughes
Room TBA

UNIVERSITY WRITING

Director of the Undergraduate Writing Program

Dr. Nicole B. Wallack
310 Philosophy
212-854-3886
nw2108@columbia.edu

Undergraduate Writing Program Office

310 Philosophy
212-854-3886
uwp@columbia.edu

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

ENGL CC1010 University Writing is designed to help undergraduates read and write essays in order to participate in the academic conversations that form Columbia's intellectual community. The course gives special attention to the practices of close reading, rhetorical analysis, research, collaboration, and substantive revision. By writing multiple drafts of essays typically ranging from three to ten pages, students will learn that writing is a process of forming and refining their ideas and their prose. Rather than approaching writing as an innate talent, the course teaches writing as a unique skill that can be practiced and developed. Each section of University Writing has a theme. None presume that students will arrive with any background in that area.

COURSES OF INSTRUCTION

ENGL CC1010 University Writing. 3 points.

University Writing helps undergraduates engage in the conversations that form our intellectual community. By reading and writing about scholarly and popular essays, students learn that writing is a process of continual refinement of ideas. Rather than approaching writing as an innate talent, this course teaches writing as a learned skill. We give special attention to textual analysis, research, and revision practices. University Writing offers the following themed sections, all of which welcome students with no prior experience studying the theme. Students interested in a particular theme should register for the section within the specified range of section numbers:

UW: Contemporary Essays (sections from 001 to 099): Features contemporary essays from a variety of fields.

UW: Readings in American Studies (sections in the 100s): Features essays that explore the culture, history, and politics that form American identity.

UW: Readings in Gender and Sexuality (sections in the 200s): Features essays that examine relationships among sex, gender, sexuality, race, class, and other forms of identity.

UW: Readings in Film and Performing Arts (sections in the 300s): Features essays that analyze a particular artistic medium (music, theater, film, photography...).

UW: Readings in Human Rights (sections in the 400s): Features essays that investigate the ethics of belonging to a community and issues of personhood, identity, representation, and action to recognize and protect human rights.

UW: Readings in Data and Society (sections in the 500s): Features essays that study how our data-saturated society challenges conceptions of cognition, autonomy, identity, and privacy.

UW: Readings in Medical-Humanities (sections in the 600s): Features essays that explore the disciplines of biomedical ethics, advocacy, and medical anthropology, to challenge our basic assumptions about medicine, care, sickness, and health.

UW: Readings in Law and Justice (sections in the 700s): Features essays that study core questions of law and justice that shape individuals' lives, institutional structures, and public policy.

University Writing for International Students (sections in the 900s): Open only to international students, these sections emphasize the transition to American academic writing cultures through the study of contemporary essays from a variety of fields.

For further details about these themes, please visit: <http://www.college.columbia.edu/core/uwp/> (<http://www.college.columbia.edu/core/uwp/>).

Fall 2019: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/17906	M W 8:40am - 9:55am 307 Mathematics Building	Adrian Muoio	3	14/14
ENGL 1010	003/13543	M W 8:40am - 9:55am 201d Philosophy Hall	Patrick Moran	3	13/14
ENGL 1010	006/13544	M W 10:10am - 11:25am 307 Mathematics Building	Amanda Lowe	3	14/14
ENGL 1010	007/13545	M W 10:10am - 11:25am 408a Philosophy Hall	Montana Ray	3	14/14

ENGL 1010	012/13593	M W 1:10pm - 2:25pm 201b Philosophy Hall	Neda Jebelli	3	13/14	ENGL 1010	102/13561	M W 8:40am - 9:55am 408a Philosophy Hall	Katrina Dzyak	3	13/14
ENGL 1010	013/13546	M W 1:10pm - 2:25pm 307 Mathematics Building	Laura Gruszka	3	14/14	ENGL 1010	110/13562	M W 11:40am - 12:55pm 307 Mathematics Building	Sheila Byers	3	14/14
ENGL 1010	014/13595	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Meredith Tracey	3	12/14	ENGL 1010	134/13563	T Th 11:40am - 12:55pm 401 Hamilton Hall	Alec Joyner	3	12/14
ENGL 1010	018/13547	M W 2:40pm - 3:55pm 201b Philosophy Hall	Julie Moon	3	13/14	ENGL 1010	145/13564	T Th 2:40pm - 3:55pm 502 Northwest Corner	B. Alston	3	14/14
ENGL 1010	019/13548	M W 2:40pm - 3:55pm 408a Philosophy Hall	Ilana Gilovich	3	13/14	ENGL 1010	147/13565	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Raffi Wartanian	3	12/14
ENGL 1010	021/13549	M W 4:10pm - 5:25pm 408a Philosophy Hall	Emma Styles- Swaim	3	13/14	ENGL 1010	223/13566	M W 4:10pm - 5:25pm 106b Lewisohn Hall	Mia Florin- Sefton	3	14/14
ENGL 1010	027/13550	T Th 8:40am - 9:55am 307 Mathematics Building	Emily Kuntz	3	14/14	ENGL 1010	229/13567	T Th 8:40am - 9:55am 201b Philosophy Hall	Evyan Gailey	3	14/14
ENGL 1010	028/13551	T Th 8:40am - 9:55am 408a Philosophy Hall	Rachel Rueckert	3	14/14	ENGL 1010	231/13568	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	13/14
ENGL 1010	040/13552	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Emily Foster	3	13/14	ENGL 1010	243/13569	T Th 5:40pm - 6:55pm 224 Pupin Laboratories	Sarah Rosenthal	3	13/14
ENGL 1010	041/13553	T Th 1:10pm - 2:25pm 307 Mathematics Building	Christine Klippenstein	3	14/14	ENGL 1010	311/13570	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Abby Schroering	3	14/14
ENGL 1010	042/13554	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Allen Durgin	3	14/14	ENGL 1010	330/14061	T Th 10:10am - 11:25am 201b Philosophy Hall	Alessia Palanti	3	13/14
ENGL 1010	044/13555	T Th 2:40pm - 3:55pm 307 Mathematics Building	Charlee Dyloff	3	14/14	ENGL 1010	335/13571	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Anne Potter	3	14/14
ENGL 1010	048/13556	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Kiley Bense	3	14/14	ENGL 1010	339/13572	T Th 1:10pm - 2:25pm C01 80 Claremont	Catherine Suffern	3	13/14
ENGL 1010	050/13557	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Peter Kalal	3	14/14	ENGL 1010	346/13573	T Th 4:10pm - 5:25pm 502 Northwest Corner	Samuel Grabiner	3	13/14
ENGL 1010	052/13558	T Th 5:40pm - 6:55pm 307 Mathematics Building	Andrea Penman- Lomeli	3	14/14	ENGL 1010	404/13574	M W 10:10am - 11:25am 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	053/13559	T Th 5:40pm - 6:55pm 313 Pupin Laboratories	Veronica Belafi	3	11/14	ENGL 1010	417/13575	M W 2:40pm - 3:55pm 411 Hamilton Hall	Chloe Howe Haralambous	3	14/14
ENGL 1010	060/13560	M W 5:40pm - 6:55pm 307 Mathematics Building	Theresa Lin	3	14/14	ENGL 1010	422/13576	M W 4:10pm - 5:25pm 253 Engineering Terrace	John Fitzgerald	3	14/14
ENGL 1010						ENGL 1010	424/13577	M W 5:40pm - 6:55pm 318 Hamilton Hall	Rachel Finn- Lohmann	3	14/14

ENGL 1010	438/13578	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Shannon Hubbard	3	14/14	ENGL 1010	003/14335	M W 8:40am - 9:55am Room TBA	Adrian Muoio	3	13/14
ENGL 1010	505/13579	M W 10:10am - 11:25am 201d Philosophy Hall	Brianna Williams	3	14/14	ENGL 1010	014/20088	M W 1:10pm - 2:25pm Room TBA	Laura Gruszka	3	13/14
ENGL 1010	520/13580	M W 4:10pm - 5:25pm 201b Philosophy Hall	Joseph Fisher	3	13/14	ENGL 1010	015/14336	M W 1:10pm - 2:25pm Room TBA	Meredith Tracey	3	14/14
ENGL 1010	533/13581	T Th 10:10am - 11:25am 401 Hamilton Hall	Adrianna Munson	3	11/14	ENGL 1010	017/14337	M W 2:40pm - 3:55pm Room TBA	Neda Jebelli	3	14/14
ENGL 1010	536/13582	T Th 11:40am - 12:55pm 502 Northwest Corner	Reid Sharpless	3	13/14	ENGL 1010	018/14338	M W 2:40pm - 3:55pm Room TBA	Charlee Dyroff	3	14/14
ENGL 1010	609/13583	M W 11:40am - 12:55pm 106b Lewisohn Hall	Antoinette Cooper	3	14/14	ENGL 1010	019/14339	M W 2:40pm - 3:55pm Room TBA	Emily Foster	3	14/14
ENGL 1010	634/14065	T Th 10:10am - 11:25am 408a Philosophy Hall	Kristie Schlauraff	3	14/14	ENGL 1010	026/14340	M W 5:40pm - 6:55pm Room TBA	Julia Sirmons	3	14/14
ENGL 1010	637/13584	T Th 11:40am - 12:55pm 337 Seeley W. Mudd Building	Kelley Hess	3	14/14	ENGL 1010	027/14341	M W 5:40pm - 6:55pm Room TBA	Peter Kalal	3	14/14
ENGL 1010	649/13585	T Th 4:10pm - 5:25pm 307 Mathematics Building	Christopher Williams	3	13/14	ENGL 1010	029/14342	T Th 8:40am - 9:55am Room TBA	Julie Moon	3	14/14
ENGL 1010	708/14059	M W 11:40am - 12:55pm 201d Philosophy Hall	Valeria Tsygankova	3	14/14	ENGL 1010	030/14343	T Th 8:40am - 9:55am Room TBA	Rachel Rueckert	3	12/14
ENGL 1010	725/13586	M W 5:40pm - 6:55pm 522c Kent Hall	Brett Mcmillan	3	13/14	ENGL 1010	042/14350	T Th 1:10pm - 2:25pm Room TBA	Christine Klippenstein	3	14/14
ENGL 1010	915/13587	M 1:10pm - 2:25pm 106b Lewisohn Hall	Andrew Slater	3	14/14	ENGL 1010	046/14353	T Th 2:40pm - 3:55pm Room TBA	Kiley Bense	3	14/14
ENGL 1010	915/13587	W 1:10pm - 2:25pm 308a Lewisohn Hall	Andrew Slater	3	14/14	ENGL 1010	049/14354	T Th 4:10pm - 5:25pm Room TBA	Montana Ray	3	14/14
ENGL 1010	926/13588	M W 5:40pm - 6:55pm 424 Kent Hall	Amber Paulen	3	13/14	ENGL 1010	050/14355	T Th 4:10pm - 5:25pm Room TBA	Elizabeth McIntosh	3	14/14
ENGL 1010	932/13589	Th 10:10am - 11:25am 212a Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	052/14361	T Th 5:40pm - 6:55pm Room TBA	Theresa Lin	3	2/14
ENGL 1010	932/13589	T 10:10am - 11:25am 602 Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	053/14356	T Th 5:40pm - 6:55pm Room TBA	Sarah Ward	3	8/14
ENGL 1010	951/13590	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Eva Dunskey	3	14/14	ENGL 1010	054/14357	T Th 5:40pm - 6:55pm Room TBA	Andrea Penman-Lomeli	3	2/14
Spring 2020: ENGL CC1010						ENGL 1010	105/14663	M W 10:10am - 11:25am Room TBA	Katrina Dzyak	3	14/14
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	ENGL 1010	108/14664	M W 11:40am - 12:55pm Room TBA	Sheila Byers	3	14/14
ENGL 1010	001/14333	M W 8:40am - 9:55am Room TBA	Aidan Levy	3	14/14	ENGL 1010	135/14665	T Th 11:40am - 12:55pm Room TBA	Alec Joyner	3	14/14
ENGL 1010	002/14334	M W 8:40am - 9:55am Room TBA	Jeremy Stevens	3	6/14	ENGL 1010	143/14666	T Th 2:40pm - 3:55pm Room TBA	Allen Durgin	3	14/14
						ENGL 1010	144/14667	T Th 2:40pm - 3:55pm Room TBA	B. Alston	3	12/14

ENGL 1010	147/14668	T Th 4:10pm - 5:25pm Room TBA	Raffi Wartanian	3	13/14
ENGL 1010	221/14670	M W 4:10pm - 5:25pm Room TBA	Mia Florin-Sefton	3	14/14
ENGL 1010	228/14671	T Th 8:40am - 9:55am Room TBA	Evyan Gainey	3	14/14
ENGL 1010	233/14672	T Th 10:10am - 11:25am Room TBA	Frances Wood	3	14/14
ENGL 1010	251/14673	T Th 5:40pm - 6:55pm Room TBA	Sarah Rosenthal	3	14/14
ENGL 1010	310/14687	M W 11:40am - 12:55pm Room TBA	Abby Schroering	3	14/14
ENGL 1010	313/14691	M W 1:10pm - 2:25pm Room TBA	Samuel Grabiner	3	14/14
ENGL 1010	332/15052	T Th 10:10am - 11:25am Room TBA	Alessia Palanti	3	14/14
ENGL 1010	339/14692	T Th 1:10pm - 2:25pm Room TBA	Catherine Suffern	3	14/14
ENGL 1010	341/14693	T Th 1:10pm - 2:25pm Room TBA	Milan Terlunen	3	14/14
ENGL 1010	404/15053	M W 10:10am - 11:25am Room TBA	Rebecca Wisor	3	14/14
ENGL 1010	416/14696	M W 2:40pm - 3:55pm Room TBA	Chloe Howe Haralambous	3	14/14
ENGL 1010	422/14697	M W 4:10pm - 5:25pm Room TBA	John Fitzgerald	3	13/14
ENGL 1010	425/14698	M 5:40pm - 6:55pm Room TBA	Rachel Finn-Lohmann	3	13/14
ENGL 1010	438/14701	T Th 11:40am - 12:55pm Room TBA	Thomas Wetmore	3	14/14
ENGL 1010	507/14705	M W 10:10am - 11:25am Room TBA	Brianna Williams	3	14/14
ENGL 1010	523/14706	M W 4:10pm - 5:25pm Room TBA	Joseph Fisher	3	14/14
ENGL 1010	536/14707	T Th 11:40am - 12:55pm Room TBA	Reid Sharpless	3	14/14
ENGL 1010	540/14708	T Th 1:10pm - 2:25pm Room TBA	Adrianna Munson	3	14/14
ENGL 1010	611/14709	M W 11:40am - 12:55pm Room TBA	Antoinette Cooper	3	14/14
ENGL 1010	631/15054	T Th 10:10am - 11:25am Room TBA	Kristie Schlauff	3	14/14
ENGL 1010	637/14710	T Th 11:40am - 12:55pm Room TBA	Kelley Hess	3	14/14

ENGL 1010	648/14711	T Th 4:10pm - 5:25pm Room TBA	Christopher Williams	3	11/14
ENGL 1010	706/14712	M W 10:10am - 11:25am Room TBA	Ami Yoon	3	14/14
ENGL 1010	709/14713	M W 11:40am - 12:55pm Room TBA	Lauren Horst	3	13/14
ENGL 1010	720/15055	M W 4:10pm - 5:25pm Room TBA	Valeria Tsygankova	3	14/14
ENGL 1010	724/14714	M W 5:40pm - 6:55pm Room TBA	Brett Mcmillan	3	14/14
ENGL 1010	912/14731	M W 1:10pm - 2:25pm Room TBA	Eva Dunskey	3	14/14
ENGL 1010	934/14732	T Th 10:10am - 11:25am Room TBA	Hannah Kauders	3	4/14
ENGL 1010	945/14734	T Th 2:40pm - 3:55pm Room TBA	Andrew Slater	3	14/14

WRITING CENTER

The Undergraduate Writing Program sponsors The Writing Center (<http://www.college.columbia.edu/core/uwp/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:

Office of Academic Planning and Administration
202 Hamilton
212-851-9814
cc-academic@columbia.edu

The Foreign Language Requirement Website (<http://www.college.columbia.edu/core/classes/fl.php>)

The foreign language requirement forms part of Columbia College's mission to prepare students to be tomorrow's conscientious and informed citizens. Knowledge of another's language and literature is the most important way to begin to know a country and people. The study of a foreign language:

1. Introduces students to world cultures, also making them aware of their own culture within that context;
2. Informs students of the differences in structure, grammar, and syntax that distinguish languages from each other, and clarifies the intimate links between language and cultural meaning;

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. 477)
- **Filipino**
Language Resource Center
- **Finnish**
Germanic Languages
- **French**
French and Romance Philology
- **German**
Germanic Languages
- **Greek, Classical and Modern**
Classics
- **Hebrew**
Middle Eastern, South Asian, and African Studies
- **Hindi-Urdu**
Middle Eastern, South Asian, and African Studies
- **Hungarian**
Italian
- **Italian**
Italian
- **Japanese**
East Asian Languages and Cultures
- **Korean**
East Asian Languages and Cultures
- **Latin**
Classics
- **Persian**
Middle Eastern, South Asian, and African Studies
- **Polish**
Slavic Languages
- **Portuguese**
Latin American and Iberian Cultures
- **Pulaar**
Middle Eastern, South Asian, and African Studies
- **Punjabi**
Middle Eastern, South Asian, and African Studies
- **Romanian**
Language Resource Center
- **Russian**
Slavic Languages
- **Sanskrit**
Middle Eastern, South Asian, and African Studies

- **Spanish**
Latin American and Iberian Cultures
- **Swahili**
Middle Eastern, South Asian, and African Studies
- **Swedish**
Germanic Languages
- **Tamil**
Middle Eastern, South Asian, and African Studies
- **Tibetan**
East Asian Languages and Cultures
- **Turkish, Modern**
Middle Eastern, South Asian, and African Studies
- **Ukrainian**
Slavic Languages
- **Vietnamese**
East Asian Languages and Cultures
- **Wolof**
Middle Eastern, South Asian, and African Studies
- **Yiddish**
Germanic Languages
- **Yoruba**
Language Resource Center
- **Zulu**
Language Resource Center

GLOBAL CORE REQUIREMENT

Chair of the Global Core Requirement

Prof. Patricia Grieve
302 Casa Hispánica
212-854-4338
peg1@columbia.edu

General Information

Academic Affairs
202 Hamilton
212-851-9814
cc-academic@columbia.edu

Global Core Requirement Website (<http://www.college.columbia.edu/core/classes/gc/>)

The Global Core requirement asks students to engage directly with the variety of civilizations and the diversity of traditions that, along with the West, have formed the world and continue to interact in it today. Courses in the Global Core typically explore the cultures of Africa, Asia, the Americas, and the Middle East in an historical context. These courses are organized around a set of primary materials produced in these traditions and may draw from texts or other forms of media, as well as from oral sources or performance, 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.

FALL 2019 APPROVED COURSES

As Fall 2019 schedules become available, more courses will be added to this list. Please check back for additional updates. Last updated on November 8, 2019.

African-American Studies

AFAS UN1001	Introduction to African-American Studies
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Anthropology

ANHS GU4001	The Ancient Empires
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Art History and Archaeology

AHUM UN2604	Art In China, Japan, and Korea
AHUM UN2901	Masterpieces of Indian Art and Architecture

Center for the Core Curriculum

AFCV UN1020	African Civilizations
LACV UN1020	Primary Texts of Latin American Civilization

Center for the Study of Ethnicity and Race

CSER UN3922	Race and Representation in Asian American Cinema
CSER UN3926	Latin Music and Identity
CSER UN3928	Colonization/Decolonization

Classics

CLCV UN3059	WORLDS OF ALEXANDER THE GREAT
GRKM UN3935	Hellenism and the Topographical Imagination (formerly GRKM UN3920 "The World Responds to the Greeks")

Colloquia and Interdepartmental Seminars

INSM UN3920	Nobility and Civility
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Comparative Literature and Society

CPLS GU4111	World Philology (Effective Spring 2017)
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Committee on Global Thought

CGTH UN3401	Seminar in Global Thought: Inquiries into an Interconnected World (Effective beginning Fall 2018)
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Dance- Barnard

DNCE BC3567 Dance of India (Effective beginning Fall 2018)

East Asian Languages and Cultures

ASCE UN1359 Introduction to East Asian Civilizations: China

ASCE UN1361 Introduction to East Asian Civilizations: Japan

ASCE UN1365 Introduction to East Asian Civilizations: Tibet

ASCE UN1367 Introduction to East Asian Civilizations: Vietnam (Effective beginning Fall 2017)

AHUM UN1400 Colloquium on Major Texts: East Asia

EAAS UN3322 East Asian Cinema (Effective Spring 2017)

EAAS UN3338 Cultural History of Japanese Monsters (Effective Fall 2019)

EAAS UN3844 Culture, Health and Healing in East Asia (Effective Fall 2019)

HSEA GU4222 China's Global Histories: People, Space, and Power (Effective beginning Fall 2019)

HSEA GU4880 History of Modern China I

Economics

ECON GU4325 Economic Organization and Development of Japan

Film Studies

FILM UN2296 Arab and African Filmmaking (Effective Fall 2019)

French

CLFR GU4716 FRANCOPHONE ROMANCE LOVE, SEX, INTIMACY IN THE FRENCH COLONIAL WORLD (Effective Fall 2019)

Germanic Languages

GERM UN3780 Berlin/Istanbul: Migration, Culture, Values (GER)

History

HIST UN2377 INTERNATIONAL & GLOBAL HISTORY SINCE WWII (Effective Spring 2017)

HIST UN2580 THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA (Effective Fall 2017)

HIST UN2618 The Modern Caribbean

HIST UN2719 History of the Modern Middle East (formerly HIST W3719)

HIST UN2772 West African History

HSME UN2810 History of South Asia I: al-Hind to Hindustan (formerly HSME W3810)

HIST UN3298 Popular Culture in Modern African History (Effective beginning Fall 2019)

Latin American and Iberian Cultures

SPJS UN3303 Jewish Culture in Translation in Medieval Iberia

SPAN UN3349 Hispanic Cultures I: Islamic Spain through the Colonial Period

SPAN UN3350 Hispanic Cultures II: Enlightenment to the Present

Linguistics

LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC (Effective Fall 2019)

Middle Eastern, South Asian, and African Studies

AHUM UN1399 Colloquium on Major Texts: Middle East and South Asia (formerly AHUM UN3399, new course number effective Fall 2018)

ASCM UN2003 Introduction to Islamic Civilization

ASCM UN2357 Introduction to Indian Civilization

MDES UN2650 Gandhi and His Interlocutors (Effective beginning Spring 2015)

MDES UN3000 Theory and Culture

CLME UN3928 Arabic Prison Writing

MDES UN3445 Societies & Cultures Across the Indian Ocean (Effective beginning Fall 2013)

CLME GU4241 Sufism: Primary Texts and Contexts

MDES GU4259 Arabic War Narrative (Effective beginning Fall 2019)

CLME GU4262 Themes in the Arabic Novel (Effective Fall 2018)

Music

AHMM UN3321 Introduction To the Musics of India and West Asia

Religion

RELI UN2305 Islam

RELI UN2308 Buddhism: East Asian

RELI UN3521 Muslim Masculinities (Effective beginning Spring 2019)

RELI GU4215 Hinduism Here (Effective beginning Fall 2019)

RELI GU4304 Krishna (Effective Fall 2017)

Slavic Languages

SLCL UN3001 Slavic Cultures

Sociology

SOCI UN3324 Global Urbanism

SPRING 2020 APPROVED COURSES

As Spring 2020 schedules become available, more courses will be added to this list. Please check back for additional updates. Last updated on February 20, 2020.

Anthropology

ANTH UN1008 The Rise of Civilization

ANTH UN3465 Women and Gender Politics in the Muslim World

ANTH UN3821 Native America

Art History and Archaeology

AHIS UN2119 Rome Beyond Rome: Roman Art and Architecture in a Global Perspective

AHUM UN2604 Art In China, Japan, and Korea

AHUM UN2901 Masterpieces of Indian Art and Architecture

Center for the Core Curriculum

AFCV UN1020 African Civilizations

LACV UN1020 Primary Texts of Latin American Civilization

Center for the Study of Ethnicity and Race

CSER UN1010 Introduction to Comparative Ethnic Studies

Classics

CSGM UN3567 Thessaloniki Down the Ages

CLCV GU4411 Egypt in the Classical World (Effective beginning Spring 2020)

Colloquia and Interdepartmental Seminars

INSM UN3921 Nobility and Civility II

Committee on Global Thought

CGTH UN3402 Topics in Global Thought: Global 20-Youth in an Interconnected World (Effective beginning Spring 2019)

Comparative Literature and Society

CLGM UN3110 The Ottoman Past in the Greek Present

CLGM UN3920 WORLD RESPONDS TO THE GREEKS

CPLS UN3454 Blood/Lust: Staging the Early Modern Mediterranean [in English]

Dance- Barnard

DNCE BC2565 World Dance History

East Asian Languages and Cultures

ASCE UN1359 Introduction to East Asian Civilizations: China

ASCE UN1361 Introduction to East Asian Civilizations: Japan

ASCE UN1363 Introduction to East Asian Civilizations: Korea

AHUM UN1400 Colloquium on Major Texts: East Asia

EAAS UN3116 Supernatural in East Asia (Effective beginning Spring 2020)

AHUM UN3830 Colloquium On Modern East Asian Texts

EAAS GU4233 Sonic Modernity in East Asia (Effective beginning Spring 2020)

EARL GU4310 Life-Writing in Tibetan Buddhist Literature

HSEA GU4816 Comparing Indigeneities (Effective beginning Spring 2020)

English and Comparative Literature

CLEN UN3360 Theaters of Gods and Heroes (Effective beginning Spring 2020)

ENGL UN3851 Indian Writing in English (Effective beginning Spring 2019)

CLEN GU4644 Revolution in/on the Caribbean

History

HIST UN1004 Ancient History of Egypt

HIST UN2336 Everyday Communism (Effective beginning Spring 2020)

HIST UN2661 LATIN AMERICAN CIVILIZATION II

HIST UN2764 East African History

HSME UN2811 South Asia: Empire and Its Aftermath (formerly HIST UN2811)

HIST UN2881 Vietnam in the World

HIST UN3779 Africa and France

HSEA UN3898 The Mongols in History

HIST GU4811 Encounters with Nature: The History of Environment and Health in South Asia and Beyond

Jewish Studies

JWST GU4145 Introduction to Israeli Cinema (Effective beginning Spring 2020)

Latin American and Iberian Cultures

SPAN UN3349 Hispanic Cultures I: Islamic Spain through the Colonial Period

PORT UN3350 Lusophone Africa and Afro Brazilian Culture

SPAN UN3350 Hispanic Cultures II: Enlightenment to the Present

SPAN UN3361 Artistic Humanity (Effective beginning Spring 2017)

PORT UN3490 Brazilian Society and Civilization (Effective beginning Fall 2017)

Middle Eastern, South Asian, and African Studies

MDES UN1001 Critical Theory: A Global Perspective (Effective beginning Spring 2018)

AHUM UN1399 Colloquium on Major Texts: Middle East and South Asia

ASCM UN2008 Contemporary Islamic Civilization

MDES UN3260 Rethinking Middle East Politics

CLME GU4226 Arabic Autobiography: Global Dimensions

CLME GU4231 Cold War Arab Culture

CLME GU4272 (formerly CLME UN3221- change of course number effective Spring 2020)

Music

AHMM UN3320 Introduction to the Musics of East Asia and Southeast Asia

Religion

RELI UN2309 Hinduism

RELI UN3407 Muslims in Diaspora (Effective beginning Spring 2016; formerly RELI V3307)

RELI UN2405 Chinese Religious Traditions (Same as RELI UN2307)

RELI GU4204 Religions of the Iranian World (Effective Spring 2020)

Slavic Languages

GEOR GU4042 Cultural History: A Georgian Case Study (Effective beginning Spring 2017)

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 4, 2020.

African-American Studies

AFAS UN1001 Introduction to African-American Studies

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 UN3300 Pre-Columbian Histories of Native America

ANTH UN3465 Women and Gender Politics in the Muslim World

ANTH V3525 Introduction to South Asian History and Culture

ANTH UN3821 Native America

ANTH V3892 Contemporary Central Asia (formerly ANTH V2029)

ANTH UN3933 Arabia Imagined

ANTH UN3947 Text, Magic, Performance

ANHS GU4001 The Ancient Empires

ANTH G4065 Archaeology of Idols

Art History and Archaeology

AHIS UN2119 Rome Beyond Rome: Roman Art and Architecture in a Global Perspective (Effective beginning Spring 2018)

AHIS UN2600 Arts of China

AHIS UN2500 The Arts of Africa

AHUM UN2604 Art In China, Japan, and Korea

AHUM UN2800 Arts of Islam: The First Formative Centuries (circa 700-1000) (Effective beginning Fall 2017 semester)

AHUM UN2802 Arts of Islam: Realignments of Empire and State (ca. 1000-1400) (Effective Spring 2017)

AHUM UN2901 Masterpieces of Indian Art and Architecture

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 W3832 Sacred Landscapes of the Ancient Andes (Effective beginning Spring 2016)

AHIS Q4570 Andean Art and Architecture (formerly AHIS G4085)

AHIS GU4584 Critical Approaches to Persianate Painting (effective beginning Spring 2019)

Center for the Core Curriculum

AFCV UN1020 African Civilizations

LACV UN1020 Primary Texts of Latin American Civilization

Center for the Study of Ethnicity and Race

CSER UN1010 Introduction to Comparative Ethnic Studies

CSER W3510 Novels of Immigration, Relocation, and Diaspora (Also offered as ENGL GU4650, effective Spring 2017)

CSER UN3922 Race and Representation in Asian American Cinema

CSER UN3926 Latin Music and Identity

CSER UN3928 Colonization/Decolonization

CSER W3961 (Wealth and Poverty in America)

Classics

CLCV UN2441 Egypt in the Classical World (Effective beginning Spring 2018)

CLCV UN3059 WORLDS OF ALEXANDER THE GREAT (Effective beginning Spring 2017)

CLCV W3111 Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)

CLCV W3244 Global Histories of the Book (Effective beginning Fall 2015)

CSGM UN3567	Thessaloniki Down the Ages (Effective Spring 2017)
CLGM UN3920	WORLD RESPONDS TO THE GREEKS (formerly "The World Responds to the Greeks: Greece Faces East")
GRKM UN3935	Hellenism and the Topographical Imagination (formerly GRKM UN3920 "The World Responds to the Greeks")
CLCV GU4411	Egypt in the Classical World (Effective beginning Spring 2020)
Colloquia and Interdepartmental Seminars	
INSM UN3920	Nobility and Civility
INSM UN3921	Nobility and Civility II
INSM C3940	Science Across Cultures
INSM W3950	Friendship in Asian and Western Civilization
Comparative Literature and Society	
CLGM UN3110	The Ottoman Past in the Greek Present (Effective beginning Spring 2018)
CPLS UN3333	East/West Frametale Narratives
CPLS UN3454	Blood/Lust: Staging the Early Modern Mediterranean [in English]
CLGM UN3920	WORLD RESPONDS TO THE GREEKS
CPLS W3945	Transnational Memory Politics and the Culture of Human Rights (Effective beginning Spring 2014)
CPLS W3955	The West in Global Thought
CPLS UN3956	Postcolonial Narrative and the Limits of the Human
CPLS W4100	Andalusian Symbiosis: Islam and the West (Effective beginning Fall 2014)
CPLS GU4111	World Philology (Effective Spring 2017)
Committee on Global Thought	
CGTH UN3401	Seminar in Global Thought: Inquiries into an Interconnected World (Effective beginning Fall 2018)
CGTH UN3402	Topics in Global Thought: Global 20-Youth in an Interconnected World (Effective beginning Spring 2019)
Dance- Barnard	
DNCE BC3567	Dance of India (Effective beginning Fall 2018)
DNCE BC2565	World Dance History (Effective beginning Spring 2019)
East Asian Languages and Cultures	
ASCE UN1002	
ASCE UN1359	Introduction to East Asian Civilizations: China

ASCE UN1361	Introduction to East Asian Civilizations: Japan
ASCE UN1363	Introduction to East Asian Civilizations: Korea
ASCE UN1365	Introduction to East Asian Civilizations: Tibet
ASCE UN1367	Introduction to East Asian Civilizations: Vietnam (Effective beginning Fall 2017)
AHUM UN1400	Colloquium on Major Texts: East Asia
EAAS UN2342	Mythology of East Asia
EAAS UN3116	Supernatural in East Asia (Effective beginning Spring 2020)
EAAS UN3121	Minority Literature in Modern China (Offered Fall 2018 as a one-time course)
EAAS UN3122	Modern Chinese Poetry in a Global Context (Offered Spring 2020 as a one-time course)
EAAS UN3322	East Asian Cinema (Effective Spring 2017)
EAAS UN3338	Cultural History of Japanese Monsters (Effective Fall 2019)
EAAS V3350	Japanese Fiction and Film (Effective beginning Fall 2014)
AHUM UN3830	Colloquium On Modern East Asian Texts (Colloquium on Modern East Asian Texts)
EAAS UN3844	Culture, Health and Healing in East Asia (Effective beginning Fall 2019)
HSEA Q3870	Japan Before 1600 (Effective beginning Spring 2015; formerly HSEA W4870)
EAAS UN3927	China in the Modern World
EARL W4127	Mediations, Perceptions, Words: Poetry in Buddhist Literature (Effective beginning Spring 2016)
EAAS W4160	Cultures of Colonial Korea (Effective beginning Spring 2014; formerly EAAS G4160)
HSEA GU4222	China's Global Histories: People, Space, and Power (Effective beginning Fall 2019)
EAAS GU4277	Japanese Anime and Beyond: Gender, Power and Transnational Media
EARL GU4310	Life-Writing in Tibetan Buddhist Literature
EARL GU4312	Tibetan Sacred Space (in Comparative Context) (Effective beginning Spring 2018 semester)
EAAS GU4233	Sonic Modernity in East Asia (Effective beginning Spring 2020)
HSEA GU4816	Comparing Indigeneities (Effective beginning Spring 2020)

HSEA GU4822 Troubled Islands of the Indo Pacific
(Effective beginning Spring 2017)

HSEA GU4847 Modern Japan (Effective beginning
Fall 2017)

HSEA W4866 Competing Nationalisms in East
Asia: Representing Chinese and
Tibetan Relations in History
(Effective beginning Fall 2015)

HSEA GU4880 History of Modern China I

Economics

ECON GU4325 Economic Organization and
Development of Japan

English and Comparative Literature

CLEN UN3360 Theaters of Gods and Heroes
(Effective beginning Spring 2020)

CLEN S3829 (Effective beginning Summer 2020)

ENGL UN3851 Indian Writing in English (Effective
beginning Spring 2019)

CLEN UN3933 Postcolonial Literature (Effective
beginning Fall 2018)

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)

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 and African Filmmaking
(Effective Fall 2019)

FILM S4215D Contemporary Global
Documentary (Effective beginning
Summer 2019)

French and Romance Philology

CLFR UN3716 Francophone Romance : Love and
Desire in French Colonial and Post-
Colonial Literatures

CLFR GU4716 FRANCOPHONE ROMANCE
LOVE, SEX, INTIMACY IN THE
FRENCH COLONIAL WORLD
(Effective beginning Fall 2019)

Germanic Languages

GERM UN3780 Berlin/Istanbul: Migration, Culture,
Values (GER)

History

HIST UN1004 Ancient History of Egypt

HIST W1054 Introduction to Byzantine History
(Effective beginning Spring 2016)

HIST UN2336 Everyday Communism (Effective
beginning Spring 2020)

HIST UN2377 INTERNATIONAL & GLOBAL
HISTORY SINCE WWII
(Effective Spring 2017)

HIST UN2444 The Vietnam War (Effective
beginning Spring 2017)

HIST UN2580 THE HISTORY OF UNITED
STATES RELATIONS WITH
EAST ASIA (Effective beginning
Fall 2017)

HIST UN2618 The Modern Caribbean

HIST UN2657 Medieval Jewish Cultures (formerly
HIST W3657)

HIST UN2660 Latin American Civilization I

HIST UN2661 LATIN AMERICAN
CIVILIZATION II

HIST UN2701 Ottoman Empire (formerly
HIST W3701)

HIST UN2719 History of the Modern Middle East
(formerly HIST W3719)

HSWM UN2761 Gender and Sexuality in African
History (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: al-Hind
to Hindustan (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 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 GU4811	Encounters with Nature: The History of Environment and Health in South Asia and Beyond (Effective beginning Spring 2017 semester)
Italian	
ITAL GU4022	The Qur'an in Europe (Effective beginning Fall 2017)
Jewish Studies	
JWST GU4145	Introduction to Israeli Cinema (Effective beginning Spring 2020)
Latin American and Caribbean Studies	
LCRS UN3500	Latin American Cities (Effective beginning Spring 2017)
Latin American and Iberian Cultures	
SPJS UN3303	Jewish Culture in Translation in Medieval Iberia ((Effective beginning Fall 2017 semester))
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
PORT UN3350	Lusophone Africa and Afro Brazilian Culture
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present
SPAN UN3361	Artistic Humanity (Effective beginning Spring 2017)
PORT UN3490	Brazilian Society and Civilization (Effective beginning Fall 2017 semester)
SPAN UN3490	Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations
SPAN W3491	Latin American Humanities II: From Modernity to the Present [In English]
Linguistics	
LING UN3102	Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC (Effective beginning Fall 2019)
Middle Eastern, South Asian, and African Studies	
MDES UN1001	Critical Theory: A Global Perspective (Effective beginning Spring 2018)

AHUM UN1399	Colloquium on Major Texts: Middle East and South Asia (formerly AHUM UN3399, new course number effective Fall 2018)
ASCM V2001	Introduction to Major Topics in the Civilizations of the Middle East and India
ASCM UN2003	Introduction to Islamic Civilization
ASCM UN2008	Contemporary Islamic Civilization
MDES UN2030	Major Debates in the Study of Africa
MDES W2041	Introduction to Indian Philosophy (Effective beginning Spring 2015)
ASCM UN2357	Introduction to Indian Civilization
MDES UN2650	Gandhi and His Interlocutors (Gandhi and His Interlocutors; Effective beginning Spring 2015)
MDES UN3000	Theory and Culture
CLME W3032	Colonialism: Film, Fiction, History & Theory
HSME UN3044	From Colonial to Global Health (Effective beginning Fall 2017 semester)
MDES UN3121	Literature and Cultures of Struggle in South Africa (Effective beginning Spring 2017)
MDES UN3130	East Africa and the Swahili Coast
CLME UN3221	Arabic Literature As World Literature (Effective beginning Fall 2017 semester- course number changed to CLME GU4272 beginning Spring 2020)
MDES UN3260	Rethinking Middle East Politics (Effective beginning Spring 2017)
MDES UN3445	Societies & Cultures Across the Indian Ocean (Effective beginning Fall 2013)
CLME UN3928	Arabic Prison Writing
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 and Contexts
CLME G4261	Popular Islam: Asia and Africa
MDES GU4259	Arabic War Narrative (Effective beginning Fall 2019)
CLME GU4262	Themes in the Arabic Novel (Effective beginning Fall 2018)
CLME GU4272	(was formerly CLME UN3221-change of course number effective Spring 2020)
MDES G4326	The Armenian Genocide and the Holocaust: Memory and Representation
MDES GU4637	Cinema and Colonialism in South Asia (Effective beginning Spring 2018)
Music	
MUSI UN2020	Salsa, Soca, and Reggae: Popular Musics of the Caribbean
MUSI V2430	Listening and Sound in Cross-Cultural Perspective (Effective beginning Fall 2014; formerly MUSI W4430)
AHMM UN3320	Introduction To the Musics of East Asia and Southeast Asia
AHMM UN3321	Introduction To the Musics of India and West Asia
MUSI GU4466	Sound and Image in Modern East Asian Music (Effective Spring 2017)
Religion	
RELI UN2205	Buddhism: Indo-Tibetan (effective Fall 2016)
RELI UN2305	Islam
RELI UN2306	Intro to Judaism (Effective beginning Fall 2018)
RELI UN2307	Chinese Religious Traditions
RELI UN2308	Buddhism: East Asian
RELI UN2309	Hinduism
RELI V2335	Religion in Black America: An Introduction (formerly RELI V2645)
RELI UN3303	Judaism and Translation in the Medieval and Early Modern Mediterranean (effective Spring 2017)
RELI UN3407	Muslims in Diaspora (Effective beginning Spring 2016; formerly RELI V3307)
RELI UN3425	Judaism and Courtly Literature in Medieval and Early Modern Iberia and Italy (Effective beginning Fall 2016)
RELI Q3511	Tantra in South Asia, East Asia & the West (Effective beginning Spring 2015; formerly RELI V3411)
RELI UN3521	Muslim Masculinities (Effective beginning Spring 2019)

RELI 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 GU4322	Exploring the Sharia: Topics in Islamic Law (Effective beginning Fall 2018)
RELI GU4418	On African Theory: Religion, Philosophy, Anthropology (Effective beginning Spring 2019)
Slavic Languages	
SLCL UN3001	Slavic Cultures
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
GEOR GU4042	Cultural History: A Georgian Case Study (Effective beginning Spring 2017)
CLRS W4190	Race, Ethnicity, and Narrative, in the Russian/Soviet Empire
Sociology	
SOCI UN3324	Global Urbanism
Theatre	
THTR UN3154	Theatre Traditions in a Global Context (formerly THTR UN3000)

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 (<http://ogp.columbia.edu/>). Last updated on February 20, 2020.

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))

Latin American and Caribbean Studies (Global Scholars Program)

LCRS OC3501 Latin American Cities (Effective beginning Summer 2017)

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)

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))

Reid Hall in Paris

AHIS OC4652 The Black Voices of Black Model: New Perspectives for the Histories of Art (Effective beginning Summer 2019)

CLEN OC3245 Black Americans and the City of Light: A Seminar (effective Summer 2020)

FILM OC4225 Arab & African Filmmaking (Effective beginning Summer 2019)

FREN OC3719 Violence by and against Women (Effective beginning Spring 2019)

FREN OC3817 Black Paris (Effective Spring 2017; taught in Paris)

FREN OC3821 "Blackness" in French: from Harlem to Paris and Beyond ((Effective beginning Summer 2018))

WMST OC3550 Women and Society - The Sex Trade Economy (Effective Spring 2016, will not be offered Spring 2018; taught in Paris)

SCIENCE REQUIREMENT

General Information:

Academic Affairs
202 Hamilton
212-851-9814
cc-academic@columbia.edu

Science Requirement Website (<http://www.college.columbia.edu/core/classes/science.php>)

The objective of the science component of Columbia College's Core Curriculum is identical to that of its humanities and social science counterparts, namely to help students "to understand the civilization of their own day and to participate effectively in it." The science component is intended specifically to provide students with the opportunity to learn what kinds of questions are asked about nature, how hypotheses are tested against experimental or observational evidence, how results of tests are evaluated, and what knowledge has been accumulated about the workings of the natural world.

Three courses bearing at least 3 points each (for a total of at least 10 points) must be completed to meet this portion of the Core Curriculum. All courses used to satisfy the science requirement must be taken for a letter grade.

Students normally take *SCNC CC1000 Frontiers of Science* in their first year in the term in which they are not taking *ENGL CC1010 University Writing*.

For the remainder of the requirement, students may choose any two courses from the list of approved courses below. These courses may be taken in the same department or in different departments. However, at least one course must be taken in the Departments of Astronomy; Biological Sciences; Chemistry; Earth and Environmental Sciences; Ecology, Evolution, and Environmental Biology; Physics; or Psychology.

Students who wish to request an exception to these policies must petition the Committee on Science Instruction (<http://www.college.columbia.edu/academics/petitions/>) (202 Hamilton) **prior** to their final term at the College.

GUIDELINES FOR COURSES APPROVED FOR THE SCIENCE REQUIREMENT

Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.

Students who wish to have a course not included on the lists below count toward fulfilling the science requirement must petition the Committee on Science Instruction (202 Hamilton) **prior** to registration for the term in which they intend to take the course.

Students should pay careful attention to the prerequisites and instructor approvals required for certain courses. Prerequisite and instructor approval requirements can be found in the course descriptions for each course located in specific departments' sections of this bulletin.

While students are not required to complete a two-term sequence, students may choose to do so. For this reason, the Committee on Science Instruction has indicated recommended sequences below. Unless otherwise noted, the first course in the sequence must be taken before the second course in the sequence.

COURSES DESIGNED FOR NONSCIENCE MAJORS

Astronomy

ASTR UN1234	The Universal Timekeeper: Reconstructing History Atom by Atom
ASTR UN1403	Earth, Moon and Planets (Lecture)
ASTR UN1404	Stars, Galaxies and Cosmology (Lecture)
ASTR UN1420	Galaxies and Cosmology
ASTR UN1404 - ASTR BC1753	Stars, Galaxies and Cosmology (Lecture) and Life in the Universe
ASTR UN1453	Another Earth
ASTR UN1610	Theories of the Universe: From Babylon to the 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 (Lecture) and Stars, Galaxies and Cosmology (Lecture)
ASTR UN1403 - ASTR UN1420	Earth, Moon and Planets (Lecture) and Galaxies and Cosmology
ASTR UN1403 - ASTR UN1836	Earth, Moon and Planets (Lecture) and Stars and Atoms
ASTR BC1753 - ASTR UN1404	Life in the Universe and Stars, Galaxies and Cosmology (Lecture)
ASTR BC1753 - ASTR BC1754	Life in the Universe and Stars, Galaxies, and Cosmology
Biology	
BIOL UN1002	Theory and Practice of Science: Biology
BIOL UN1130	Genes and Development
Computer Science	
COMS W1001	Introduction to Information Science
COMS W1002	Computing in Context
Earth and Environmental Engineering	
EAEE E2100	A better planet by design
Earth and Environmental Sciences	
EESC UN1001	Dinosaurs and the History of Life: Lectures and Lab
EESC UN1003	Climate and Society: Case Studies
EESC UN1011	Earth: Origin, Evolution, Processes, Future
EESC UN1030	Oceanography
EESC UN1053	Planet Earth
EESC UN1201	Environmental Risks and Disasters
EESC UN1401	Dinosaurs and the History of Life: Lectures

EESC UN1411	Earth: Origin, Evolution, Processes, Future: Lectures
EESC UN1600	Earth Resources and Sustainable Development

Ecology, Evolution, and Environmental Biology

EEEB UN1001	Biodiversity
EEEB UN1011	Behavioral Biology of the Living Primates
EEEB UN1010	Human Origins and Evolution
EEEB S1115Q	The Life Aquatic
Recommended Sequences:	
EEEB UN1001 - EEBB UN3087	Biodiversity and Conservation Biology (see Additional Courses Approved for the Sequence Requirement)
EEEB UN1010 - EEBB UN1011	Human Origins and Evolution and Behavioral Biology of the Living Primates

Electrical Engineering

ELEN E1101	The digital information age
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Food Studies

FSEB UN1020	Food and the Body (This course is offered through the Ecology, Evolution, and Environmental Biology Department)
FSPH UN1100	FOOD, PUBLIC HEALTH & PUBLIC POLICY

Mathematics

PHIL UN3411	Symbolic Logic
PHIL GU4424	Modal Logic

Physics

PHYS UN1001	Physics for Poets
PHYS UN1018	Weapons of Mass Destruction
PHYS UN1111	Origins and Meaning (Effective beginning Fall 2018)

Psychology

PSYC UN1001	The Science of Psychology
PSYC UN1010	Mind, Brain and Behavior (Effective Fall 2018, this course will no longer be offered. For students who took this course before Fall 2018, it may be used to partially satisfy the Science Requirement.)

Science

SCNC UN1212	Foundations of Science
SCNC UN1800	Energy and Energy Conservation (This course is offered through the Chemistry Department)

Statistics

STAT UN1001	Introduction to Statistical Reasoning
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ADDITIONAL COURSES APPROVED FOR THE SCIENCE REQUIREMENT

Most of the following courses have required prerequisites and/or require instructor approval. Prerequisite and instructor approval requirements can be found in the course descriptions for each course located in specific departments' sections of the on-line bulletin.

Astronomy ^{ASTR}

Any 3-point course numbered 2000 or higher

Biology ^{BIOL}

Any 3-point course numbered 2000 or higher

Chemistry ^{CHEM}

CHEM UN1403 General Chemistry I (Lecture)

CHEM UN1404 General Chemistry II (Lecture)

CHEM UN1500 General Chemistry Laboratory

CHEM UN1604 Intensive General Chemistry (Lecture)

CHEM UN1507 Intensive General Chemistry Laboratory

Any course numbered 3000 or higher

Computer Science ^{COMS}

COMS W1004 Introduction to Computer Science and Programming in Java

COMS W1005 Introduction to Computer Science and Programming in MATLAB

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists (Effective beginning Spring 2017)

COMS W1007 Honors Introduction to Computer Science

Any 3-point course numbered 3000 or higher

Earth and Environmental Sciences ^{EESC}

EESC UN2100 Earth's Environmental Systems: The Climate System

EESC UN2200 Earth's Environmental Systems: The Solid Earth System

EESC UN2300 Earth's Environmental Systems: The Life System

EESC UN2330 Science for Sustainable Development

Any course numbered 3000 or higher

Ecology, Evolution, and Environmental Biology ^{EEEB}

EEEB UN2001 Environmental Biology I: Elements to Organisms

EEEB UN2002 Environmental Biology II: Organisms to the Biosphere

EEEB UN3087 Conservation Biology

Any course numbered 3000 or higher except W4321 and W4700

History - Applied Math ^{HSAM}

HSAM UN2901 Data: Past, Present, and Future (Effective beginning Spring 2018)

Mathematics ^{MATH}

Any 3-point MATH course numbered 1100 or higher

CSPH GU4801 Mathematical Logic I

CSPH GU4802 Math Logic II: Incompleteness

Physics ^{PHYS}

PHYS UN1201 General Physics I

PHYS UN1202 General Physics II

PHYS UN1401 Introduction To Mechanics and Thermodynamics

PHYS UN1402 Introduction To Electricity, Magnetism, and Optics

PHYS UN1403 Introduction to Classical and Quantum Waves

PHYS UN1601 Physics, I: Mechanics and Relativity

PHYS UN1602 Physics, II: Thermodynamics, Electricity, and Magnetism

Any 3-point course numbered 2000 or higher

Psychology ^{PSYC}

With prior departmental approval, 3- and 4-point courses numbered in the 22xx, 24xx, 32xx, 34xx, 42xx, and 44xx, as well as some additional courses, may partially fulfill the Science Requirement.

Statistics ^{STAT}

Any 3-point course except STAT W3997

SPECIAL SUMMER PROGRAM

The following special program fulfills two of the three terms of the science requirement.

Earth Institute Center for Environmental Sustainability EICES

Summer Ecosystem Experiences for Undergraduates (SEE-U).
Locations change yearly and there is rolling admissions.*

* Please check with EICES for details: <http://eices.columbia.edu/education-training/see-u/>

SUMMER SESSION COURSES

Students who wish to take summer courses may do so through the Summer Session offered by the School of Continuing Education. For policies regarding summer study, see the Academic Regulations— (<http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollegertext>) Summer Study (<http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollegertext>) 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 (<http://www.college.columbia.edu/academics/courseselection/>).

PHYSICAL EDUCATION REQUIREMENT

General Information

Physical Education Department
Dodge Physical Fitness Center

212-854-3439

Physical Education Website (<http://perec.columbia.edu/>) (<http://www.perec.columbia.edu>)

Successful completion of two physical education courses is required for the degree. All students are also required to pass a swim test or take beginning swimming for one term to fulfill the swim requirement. A waiver of the swim test requirement may be granted if a student has a disability certified by Columbia Health that precludes swimming. Students may also request waivers and accommodations on the grounds of religious observance or gender identity/expression. All requests for waivers and accommodations are reviewed by the director of physical education.

Students may not register for more than one section of physical education each term.

To pass the course, students must fulfill the attendance and participation requirements outlined by each section and available on the physical education website. **Students who are absent more than the permissible number of times are given a mark of W (Withdrawal), unless they complete and file a drop form by the official deadline to drop a course.**

No more than 4 points of physical education courses may be counted toward the degree. One course of the physical education requirement may be a Barnard Physical Education course. Two courses of the physical education requirement may be a Barnard Dance/ Studio Technique course.

A student who intends to participate in an intercollegiate sport should register for the appropriate section of PHED UN1005 Intercollegiate Athletics. Intercollegiate athletes who attend regularly receive 1 point of credit up to a maximum of 4. Student athletes who leave the team in mid-term but still wish to receive academic credit must notify the Physical Education Office and be placed in another physical education course to complete the attendance requirement. Student athletes are also responsible for fulfilling the swim requirement.

ELIGIBILITY FOR INTERCOLLEGIATE ATHLETICS

Any student in the College who is pursuing the undergraduate program or a combined program toward a first degree is eligible for intercollegiate athletics. To be eligible for athletic activities, the student must make appropriate progress toward the degree as defined by the NCAA, the Ivy League, and Columbia University. These criteria are monitored by the Center for Student Advising and certified by the Office of the Registrar.

Questions about athletic eligibility should be referred to the appropriate advising dean or the compliance office in the Department of Intercollegiate Athletics and Physical Education.

For more information, visit www.gocolumbiaions.com (<http://www.gocolumbiaions.com>).

ACADEMIC REGULATIONS

POINTS PER TERM

Full-term enrollment at Columbia College is defined as an academic program carrying 12–18 points of credit. The average load for a Columbia College student is 15–16 points per term.

All Columbia College students are expected to be full-time students and must therefore be registered for a minimum of 12 points of credit per term. Students may not enroll in more than 18 points of credit unless they petition and receive permission to do so. First-year students and transfer students may not petition to register for more than 18 points in their first semester.

Students are not permitted to enroll as part-time students, and any student who has not registered for at least 12 points by the end of the Change of Program period (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>) may be withdrawn from Columbia College. Students in their final term may petition the Committee on Academic Standing to register for fewer than 12 points if they will complete their degree that term, and should consult with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). They will still be considered full-time students with Columbia College and be responsible for all relevant tuition and fees.

ATTENDANCE

Students are expected to attend all class meetings, laboratory periods and other required events for each course in which they are registered. Instructors may take attendance into account in assessing a student's performance and may require a certain level of attendance for passing a course. Students are held accountable for absences incurred owing to late enrollment. For additional information, see Columbia University Policies (<http://bulletin.columbia.edu/columbia-college/university-policies/>)—Religious Holidays (<http://bulletin.columbia.edu/columbia-college/university-policies/>).

LENGTH OF CANDIDACY

Students are normally permitted eight terms in which to earn the Bachelor of Arts (B.A.) degree at Columbia College. Students may continue to work for the degree past the eighth term only with permission from the Committee on Academic Standing and must first discuss such requests with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). Study beyond the eighth term is only granted for students who have found themselves in emergent circumstances beyond their control which have prevented them from completing the degree in eight terms. Study beyond the eighth term is not granted for the purposes of changing or adding a major or concentration.

REGULATIONS FOR TRANSFER STUDENTS

Regulations on Transfer Credit

In order to receive the Columbia College degree, transfer students must complete a minimum of 60 points while enrolled in the College (including credits earned on Columbia-sponsored study abroad programs). Transfer students may apply a maximum of 64 points toward advanced standing at the College. Credit granted on the basis of Advanced Placement, International Baccalaureate and other standardized examinations are counted toward the 64-point maximum, as are credits earned on study-abroad programs outside of Columbia. Credit is not granted for college courses taken while in high school.

Credit Toward the Degree and Core/Major Requirements

Transfer students receive credit for non-Columbia courses that are substantially similar to Columbia College courses only when the grades received are C- or better. Transfer students must supply course descriptions and syllabi for all courses to be considered for transfer credit. Once a transfer student is admitted, a credit review is conducted by the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) and a tentative credit evaluation is sent to the student. A final credit evaluation is conducted once the student has matriculated in Columbia College and has submitted a final official transcript, as well as course descriptions and syllabi, to their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), where all appropriate approvals will be coordinated with the relevant academic departments.

Degree Completion

Transfer students are expected to graduate in eight terms, including terms completed before entering Columbia. Extended time is not granted. Under no circumstances will extended time be granted to enable a student to finish a particular major or concentration. Therefore, transfer students should be especially careful when planning their academic schedule and are strongly urged to do so with the guidance of their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) and the relevant departmental director of undergraduate studies (<http://www.college.columbia.edu/academics/majoradvising/>).

Some majors may be difficult for transfer students to complete due to the number of credits required, the specific course sequencing, and the number of terms remaining for transfer students to complete all Core and major requirements. There is no guarantee that a transfer student can complete every major and concentration offered, and all transfer students must declare a major or concentration that they are capable of completing in the time available to them while at Columbia College.

PROGRESS TOWARD THE DEGREE

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

Academic Probation

Students may be placed on academic probation for the following reasons: completing fewer than the required minimum of 12 points of credit in a term; earning a term or cumulative grade point average below 2.0; failing a Core Curriculum class; or failing to make satisfactory progress toward the degree (i.e., taking an average of 15.5 points per term).

Students who do not make adequate progress toward the degree will be placed on academic probation. Adequate progress toward the degree is defined according to cumulative earned credits, as noted in the following chart:

Semester	Points for typical progress	Threshold for academic probation
1	12	<12
2	31	<24
3	46	<38
4	62	<52
5	77	<70
6	93	<88
7	108	<106
8	124	

Students are expected to complete their degrees in eight semesters. Students who fall short of the number of credits listed in the column titled “Threshold for Academic Probation” will be placed on academic probation. The advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) offer support to help students on academic action return to good standing.

Students and parents/guardians are notified when students are placed on academic probation or suspension. The advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) are available to provide support to help students on academic action return to good standing.

Students may not appeal the actions of academic warning or academic probation. The action of academic warning does not remain on a student’s record. The action of academic probation remains on a student’s record.

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

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

EXAMINATIONS

Midterm Examinations

Midterm examinations are scheduled by each instructor, based on the pedagogical structure of a course. Therefore, while many midterm exams may be scheduled around the mid-point of a term (e.g., late October or mid-March), midterm exams may also fall earlier or later in the term, and a course may require multiple midterm exams. Students should carefully examine the syllabus of each course in which they are registered for details about required midterm exams.

Final Examinations

Final examinations are given at the end of each term. The Projected University Examination Schedule provides a tentative guide to final examinations and is available online (https://ssol.columbia.edu/?tran%5b1%5d_tran_name=scel/).

The definitive schedule of final examinations is usually available in early November for the fall term and early April for the spring term. Exams are scheduled according to a University-wide Final Exam Schedule (https://ssol.columbia.edu/?tran%5b1%5d_tran_name=scel/) available shortly after midterms. Prior to its availability, students and faculty should consult the Projected Exam Schedule (<https://ssol.columbia.edu/>). Students may access their individual exam schedule in SSOL by clicking on “Schedule,” then “My Exam Schedule.”

Students who have trouble locating a class on either list should contact the instructor to make sure the class has an exam.

Rescheduling Exams

Examinations are not rescheduled in order to accommodate students’ travel plans. Students should not make travel plans for

holidays or breaks until they are certain that they will be present for all required exams.

Under certain rare circumstances, it may be necessary for an instructor to reschedule an exam. Any day or time changed in appointed final exam times must be agreed upon with members of the class. All students unable to take the exam at the new agreed-upon time must be given a make-up exam at a time that they are able to attend.

Student Examination Conflicts

Students may request a change of schedule for a final exam under either of the following two circumstances:

1. if a student is enrolled in two or more classes whose final exams are scheduled by the Master University Examination Schedule to be held at the same time;
2. if a student has three exams scheduled on any given calendar day (i.e., between 9:00 a.m. and 10:00 p.m. on the same calendar date).

Students in either circumstance should meet with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) *no later than two weeks 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. Makeup examinations are not guaranteed for any student who does not take or does not finish a final exam.

Incompletes

Students facing grave medical, personal, or family emergencies at the time of a final exam may petition the Committee on Academic Standing for permission to complete the final exam or paper at a later date. Students will receive a temporary mark of IN (Incomplete) until the work is completed. For more information, see the Grades (<http://bulletin.columbia.edu/columbia-college/regulations/#grades>) section of this Bulletin.

GRADES

Columbia College uses the following system of grading: A, excellent; B, good; C, fair; D, poor but passing; F, failure (a final grade, not subject to reexamination). The grades of A, B, and C may be modified by a plus or minus. Pass (P) is awarded when students receive a C- or higher in a course which they have elected to take on a Pass/D/Fail basis, or when they have passed a course that is offered only on a Pass/Fail basis.

The Committee on Instruction of Columbia College has instructed the Registrar to calculate a cumulative grade point average for external purposes, such as official transcripts. The Registrar also calculates term and cumulative grade point averages

for internal purposes, such as determining eligibility for the Dean's List.

When the Registrar computes a student's Columbia College grade point average, only grades earned while enrolled in Columbia College in the Fall and Spring terms (including Columbia-owned study abroad programs), and in the Columbia School of Professional Studies in the Summer Sessions, 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. Instructors are not informed of the student's grading option decision.

Courses used to meet the stated degree requirements (except those only given on a Pass/Fail basis) may not be taken for a Pass/D/Fail grade. All Core Curriculum courses (i.e., *Literature Humanities*, *University Writing*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*), as well as courses for the Global Core Requirement, Science Requirement, and Foreign Language Requirement must be taken for a letter grade.

All courses used to meet the requirements of a major or concentration, including related courses, must also be taken for a letter grade, with the possible exception – to be determined by the relevant academic department or program – of the first one-term course taken by the student in his or her eventual major.

All students registered in Columbia College during the regular academic year may elect one course each term during the regular academic year to take on a Pass/D/Fail basis (in addition to any courses that are graded only on a Pass/Fail basis). Students who do not utilize both Pass/D/Fail options during the academic year may elect, in the summer immediately following, to take one Summer Session course on a Pass/D/Fail basis. No more than one course may be designated to be taken on a Pass/D/Fail basis at any point in a given semester.

Students who wish to exercise the Pass/D/Fail grading option may designate in Student Services Online (SSOL) (<https://ssol.columbia.edu/>) a single course for the grade of Pass/D/Fail until the Pass/D/Fail deadline specified on the *Academic Calendar*, i.e., November 14 in Fall 2019 and March 26 in Spring 2020. After that deadline, students seeking to exercise the Pass/D/Fail grading option must petition the Committee on Academic Standing for an exception. Students should consult their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) about the petition process.

In order to encourage students to engage more fully in the courses they elect to take for a grade of Pass/D/Fail, students are allowed to uncover a grade of Pass in SSOL (<https://ssol.columbia.edu/>) until the end of the Change of Program period of the following semester. Students have until the end of the Change of Program period in the spring semester to uncover the grade of a course taken in the previous fall term, and until the end of the change of program period in the fall semester to uncover the grade of a course taken in the previous spring or summer term. Seniors who graduate in May have until June 1 to uncover the grade of a course taken in their final spring semester. Students who wish to uncover a grade of Pass can do so in Student Services Online (SSOL) (<https://ssol.columbia.edu/>).

The grade of Pass is not included in the calculation of grade point averages; the grades of D and Fail are included in the calculation of grade point averages.

The Grade of D

No more than six points of credit earned with the grade of D may be credited toward the degree in any academic year, and no more than a cumulative total of 12 points of credit earned with the grade of D may be credited toward the 124 credits required for the degree credit. The grade of D is awarded only for courses listed in this Bulletin and for other courses taken while the student is enrolled in Columbia College. The decision as to whether or not a D may be used to satisfy the requirements for a major or concentration is made in each relevant academic department. 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 (<http://bulletin.columbia.edu/columbia-college/academic-honors-prizes-fellowships/>)).

The Mark of W (Withdrawal)

Columbia College students are not permitted to have a course deleted from their academic records after the drop deadline (October 8 for Fall 2019 and February 25 for Spring 2020). If a student withdraws from a course after the drop deadline and no later than the Pass/D/Fail deadline (November 14 for Fall 2019 and March 26 for Spring 2020), the transcript will show a mark of W, indicating official withdrawal for that course. This is a permanent mark and will remain on the transcript even if the student repeats the course. Students will earn no points of academic credit for classes in which they receive the mark of W. In any given semester, the mark of W precludes the attainment of Dean's List status (see *Academic Honors, Prizes, and Fellowships*—

Dean's List (<http://bulletin.columbia.edu/columbia-college/academic-honors-prizes-fellowships/>)).

Students may not drop or withdraw from a Core Curriculum course (i.e., *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, and *University Writing*) after the Core drop deadline (which is also the end of the Change of Program period (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>)). This policy does not apply to courses taken to fulfill the Global Core, science, or foreign language requirements.

Students may not withdraw from any course after the Pass/D/Fail deadline. After that point, a student will receive the letter grade earned in the course.

When considering the option to withdraw from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given term. Students who do not earn at least 12 points per term may face academic probation, suspension, or dismissal. Students who do not make adequate progress toward the degree (an average of 15.5 points per term) may also face academic probation, suspension, or dismissal.

To withdraw from a class, students must first meet with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner, to discuss their plans and then submit a Columbia College Acknowledgment of Course Withdrawal form to their advising dean.

Failure to attend classes or unofficial notification to the instructor does not 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.

The Mark of AR (Administrative Referral)

A mark of AR is given to students as a temporary mark in circumstances when a student's irregular academic behavior in a course merits something other than grades A through F. The mark of AR is designed to allow an instructor a temporary submission until an appropriate permanent grade can be submitted. A grade of AR will alert the appropriate advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), who will follow up with the instructor to help determine what final grade is appropriate. Ultimately, the instructor of a course has authority over the final grade awarded.

A mark of AR is also used when a student applies for an Incomplete. If the Incomplete is approved, the instructor will submit a mark of AR for the student, which will subsequently be altered to an IN by the Berick Center for Student Advising.

The Mark of IN (Incomplete)

An IN is a temporary grade designation granted by the Committee on Academic Standing for students who, due to extenuating circumstances, cannot complete their coursework or

are unable to take a final examination. The only reasons for which an IN will be granted are incapacitating illness (as certified by a healthcare practitioner or by Columbia Health), grave personal or family emergency, or circumstances of comparable gravity.

In order to receive the mark of IN, students must first speak with their advising deans and then file a petition with the Committee on Academic Standing. Petition forms are available in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). For classes that require a final paper or project, petitions must be submitted no later than the last day of classes. For classes that require a final examination, petitions must be submitted no later than the day before the exam.

To be granted an IN, students should have completed all work for the relevant class with the exception of the final paper, project or exam. If a student has additional uncompleted work in the class in addition to the final paper, project or exam, an IN will not be granted.

Students may not arrange unofficial incompletes or extended deadlines with their instructors; any incomplete must be officially approved by the Committee on Academic Standing. If an instructor is willing to entertain an incomplete, pending approval by the Committee on Academic Standing, the instructor should submit a temporary mark of AR, along with a contingency grade that the student should be given if the assignments still outstanding are not completed in the time allotted for an approved incomplete.

Students who are granted an IN are assigned a deadline for completion of the incomplete paper or project or a date by which a deferred examination must be taken. Those who fail to meet the assigned deadline or who miss the deferred examination will receive the contingency grade indicated by the instructor. All other marks of IN that remain unresolved by the end of one calendar year will be converted to the contingency grade. Questions about incompletes may be directed to the advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

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 (<http://bulletin.columbia.edu/columbia-college/academic-honors-prizes-fellowships/>)).

The Mark of R (Registration Credit)

The R credit option is available only to Columbia College seniors. Students who wish to audit a class can request permission from the Committee on Academic Standing in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) to take a course for R credit. No point credit is given for R credit, and the GPA is unaffected by the mark of R. Students who take a course for R credit must have the permission of the instructor, in addition to that of the Committee on Academic Standing. Students may be required to complete certain work as specified by

that instructor. The exact nature of the work should be determined by the instructor when the student petitions for an R for the course. An instructor may fail a student who has not completed assigned work. The deadline for registering for R credit is the same deadline to elect the Pass/D/Fail option for a class, as specified on the *Academic Calendar* in this Bulletin. Registering for R credit is allowed only when:

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

The Mark of YC (Year Course)

A mark of YC is given at the end of the first term of a course in which the full year's work must be completed before a qualitative grade is assigned. The grade given at the end of the second term is the grade for the entire course. 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 (<http://bulletin.columbia.edu/columbia-college/academic-honors-prizes-fellowships/>)).

Report of Grades

Grades are available on Student Services Online (SSOL) (<https://ssol.columbia.edu/>) on the first business day after they are submitted by the instructor. Paper and electronic transcripts may be ordered by currently enrolled students via SSOL. Students who find discrepancies in or have questions about their records should contact their academic advisor.

LANGUAGE PLACEMENT EXAMINATIONS

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

ADVANCED STANDING

Entering first-year students are subject to all rules for first-year students, regardless of the number of credits earned from approved advanced standing programs.

The College grants up to one semester (16 points) of college-level work completed before matriculation at Columbia College. This work may be done under the College Board Advanced Placement (AP) Program, GCE Advanced Level Examinations, International Baccalaureate Examination, or other national systems.

Advanced credit is awarded upon completion of the first year at Columbia. The actual determination of advanced credit is made after students matriculate in accordance with departmental and College policies. Students wishing to arrange such credit must meet with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) and provide the relevant transcript/certificate.

Entering first-year students are not granted credit for courses taken at other colleges before their graduation from secondary school. Students may receive a maximum of 6 points of credit for college courses taken after graduation from secondary school and prior to matriculation at Columbia. In order to receive this credit, students must submit an official university or college transcript and the syllabus for each relevant course to their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). Final determination will be made by the dean of advising.

Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. Nor may students receive credit for two exams that cover the same material (e.g., Calculus AP and Mathematics GCE Advanced Level Exam). In some cases, credit is awarded only when students successfully complete 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 (<http://bulletin.columbia.edu/columbia-college/regulations/>).

ADVANCED PLACEMENT (AP) EXAMINATIONS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a high school curriculum prior to matriculation at Columbia.

College Board Advanced Placement (AP) scores cannot be used toward exemption from any of the Core Curriculum courses, the Global Core Requirement, or the Science Requirement; however, scores may be used toward satisfying the Foreign Language Requirement (see *The Core Curriculum*—Foreign Language Requirement (<http://bulletin.columbia.edu/columbia-college/core-curriculum/foreign-language-requirement/>)). Each year, individual departments review the College Board AP curriculum and determine appropriate placements, credit, and/or exemptions.

Students entering in the 2019–2020 academic year may be awarded AP credit for the following subjects and should refer

to the relevant department sections in this Bulletin for specific information on credit granted, placement, and exemptions:

Subject	Department
Biology	Biological Sciences
Chemistry	Chemistry
Computer Science	Computer Science
Economics	Economics
English	English and Comparative Literature
French	French and Romance Philology
German	German Languages
Government and Politics	Political Science
History	History
Italian	Italian
Latin	Classics
Mathematics	Mathematics
Physics	Physics
Psychology	Psychology
Spanish	Latin American and Iberian Cultures
Statistics	Statistics

International Baccalaureate

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a high school curriculum prior to matriculation at Columbia.

Entering students are granted six points of credit for each score of six or seven in International Baccalaureate (IB) Higher Level examinations, if taken in disciplines offered as undergraduate programs at Columbia College.

Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. For further information, students should consult with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

BRITISH ADVANCED LEVEL EXAMINATIONS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a high school curriculum prior to matriculation at Columbia.

Entering students are granted six points of credit for each grade of A or B on British Advanced Level examinations, if taken in disciplines offered as undergraduate programs at Columbia College.

Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work

already completed. For further information, students should consult with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

OTHER NATIONAL SYSTEMS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a high school curriculum prior to matriculation at Columbia.

Pending review by the appropriate academic department at Columbia, students who complete secondary school work in other national systems may be granted credit in certain disciplines for sufficiently high scores. For further information, students should consult with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

COURSES TAKEN IN OTHER COLUMBIA UNDERGRADUATE SCHOOLS

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

The Fu Foundation School of Engineering and Applied Science

A maximum of four courses offered by Columbia Engineering and Applied Science may be taken on a space-available basis. The four-course limit does not apply to students in the Combined Plan program (<http://undergrad.admissions.columbia.edu/learn/academiclife/engineering/combined-plan-program/>). This limit also does not apply to courses offered by the Computer Science Department.

COURSES TAKEN IN THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Courses offered by the Graduate School of Arts and Sciences may be taken by qualified undergraduates with the permission of the instructor of the course and in consultation with the director of undergraduate studies in the department in which the course is taught. If students would like to take such graduate-level courses in fulfillment of a requirement for a major or concentration, then they should also consult with the director of undergraduate studies in the department of their major or concentration.

COURSES TAKEN IN OTHER DIVISIONS OF THE UNIVERSITY

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

Students who wish to take such a course and not count it toward the 124 points necessary for the undergraduate degree must

receive the permission of their advising dean from the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). In either instance, students must follow the policies established by the various professional schools, must have the permission of the instructor of the course they wish to take, and in some instances, must have the permission of the school in which the course is offered. Following is a list of schools and programs that allow undergraduates to register for courses, with their policies regarding the enrollment of Columbia College students. Students who wish to take a course in a Columbia school not listed below should first consult with their advising dean in the Berick Center for Student Advising (<https://cc-seas.columbia.edu/csa/>).

Graduate School of Architecture, Planning and Preservation

Lectures offered by the Graduate School of Architecture, Planning and Preservation may be taken on a space-available basis by qualified undergraduates. Undergraduates are not permitted to enroll in any seminars or studio courses.

School of the Arts

Graduate courses offered by the School of the Arts may be taken on a space-available basis by qualified undergraduates.

Graduate School of Business

Courses offered by the Graduate School of Business that are designed specifically for undergraduates can be found in *Departments, Programs, and Courses*—Business. Other Business School courses may only be taken on a space-available basis by seniors who have completed the required prerequisites. Students must follow the cross-registration guidelines of the Business School. Please note that registration deadlines for these classes are often earlier than the College registration and Change of Program periods.

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. The School of Professional Studies sponsors the Summer Session at Columbia. For additional information on taking courses at Columbia during the summer, please see the Summer Study (<http://bulletin.columbia.edu/columbia-college/regulations/#summerstudy>) section.

School of International and Public Affairs

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

School of Journalism

Courses offered by the School of Journalism may be taken on a space-available basis. Students must have signed permission from the School of Journalism's Office of the Associate Dean for Faculty and Academic Affairs (<https://journalism.columbia.edu/contact-us?type=96/>), Pulitzer Hall.

Law School

Normally, students are not allowed to enroll in courses offered through the Law School. Exceptions to this policy may be granted under the following circumstances:

1. Law School courses may be taken by students in the 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. A small number of seniors are permitted to enroll in one or two seminars, selected by Law School faculty. Information about such opportunities will be shared with students as it becomes available.

Mailman School of Public Health

Courses offered by the Mailman School of Public Health may be taken by qualified undergraduates on a space-available basis with the permission of the department in which the course is taught. Students must complete the Public Health Cross Registration Application Form and receive signed permission from the department, as well as 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 (<https://cc-seas.columbia.edu/csa/>), 403 Lerner, before proceeding to register for the course at the Registrar's Office, 205 Kent.

School of Social Work

Courses offered by the School of Social Work may be taken on a space-available basis.

Teachers College

Normally, students are not allowed to enroll in courses offered by Teachers College. Exceptions to this policy may be granted under the following circumstances:

1. Courses that are not offered at Columbia but are deemed by the student's faculty adviser as essential to a student's undergraduate program of study. Students should submit a petition (<http://www.college.columbia.edu/academics/petitions/>) to the associate dean of Academic Affairs, Core Curriculum, and Undergraduate Programs of Columbia College, 202 Hamilton.
2. Instrumental music instruction course (e.g., piano). In this instance, students are charged per credit for the course over and above their Columbia tuition. Students should submit

a petition (<http://www.college.columbia.edu/academics/petitions/>) to Andrew Plaa, Dean of Advising in the Berick Center for Student Advising (<https://cc-seas.columbia.edu/csa/>), 403 Lerner.

SUMMER STUDY

Columbia Summer Session

Normally, credit for summer school is given to College students only for courses taken in the Columbia Summer Session. Students may apply a maximum of 16 points of credit earned during any Summer Session to the 124 credits needed for the degree, and students cannot take more than eight points in any Summer Session period or in overlapping periods.

All students registered in Columbia College during the regular academic year may elect one course each semester during the regular academic year on a Pass/D/Fail basis (in addition to any courses that are given only on a Pass/D/Fail basis). Students who do not utilize both Pass/D/Fail options during the academic year may elect, in the summer immediately following, to take one Summer Session course on a Pass/D/Fail basis. For additional information on and restrictions governing Pass/D/Fail credit, see the *Academic Regulations—Exams and Grades* (<http://bulletin.columbia.edu/columbia-college/regulations/#examsandgradetext>) section of this Bulletin.

Students who plan to take any summer courses toward their major or concentration must consult with the director of undergraduate studies of their major department. **Not all courses offered in the Summer Session are accepted by Columbia College for credit.** Students should also consult the annually updated List of Approved Summer Courses (<http://www.college.columbia.edu/academics/courseselection/>).

Summer School Classes Taken Outside Columbia

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

1. Obtain a copy of Columbia College's Pre-Approval for a Course Taken at Another U.S. Institution form, available in the Berick Center for Student Advising, (<https://cc-seas.columbia.edu/csa/>) 403 Lerner.
2. Carefully read the following procedures to apply for such credit. Please note that permission to take classes outside of Columbia is normally given only when a student has fallen behind in credits, when the student wishes to take a language course, or when the summer course is a prerequisite for a course that must be taken in the fall for the student's major or concentration. 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.

3. Discuss study plans with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).
4. Complete the approval request form, outlining their reasons for taking summer courses and listing the specific courses in which they wish to enroll. Once submitted to students' advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), requests are then reviewed by the Committee on Academic Standing, which determines whether or not summer school courses are approved for credit. It is strongly advised that students gain pre-approval prior to enrolling in courses at other institutions, as there is no guarantee that requests will be approved, and students will not be reimbursed for any expenditure.
5. Students may not receive credits for study abroad during the summer except in Columbia-sponsored programs or approved foreign-language, archaeology, and field-studies programs. Students seeking summer study abroad credits must receive permission from the Office of Global Programs (<http://www.ogp.columbia.edu/>), 606 Kent.
6. Students applying for summer school credit for courses that they wish to use in partial fulfillment of the science or Global Core requirements **must** submit the relevant course approval petition to their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) for approval by the appropriate faculty committee, prior to taking the course. Note that students can only petition to have non-Columbia study abroad courses count towards fulfilling the Global Core requirement. Approval to receive College credit for summer school courses does **not** ensure approval of the course to fulfill one of these requirements.

STUDY OUTSIDE COLUMBIA UNIVERSITY

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 (<http://bulletin.columbia.edu/columbia-college/study-abroad/#sponsoredprogramstext>), or for study in an approved exchange programs (<http://bulletin.columbia.edu/columbia-college/study-abroad/#internationalexchangetext>). Exceptions may be granted for study during the summer. See the Summer Study (<http://bulletin.columbia.edu/columbia-college/regulations/#summerstudy>) section for more information.

Matriculation at another institution renders students ineligible to continue at Columbia. Columbia College students who matriculate at another post-secondary institution and/or are considered a degree-seeking student at a college or university other than Columbia College will be withdrawn from Columbia with

no opportunity to return and complete the Columbia College degree.

COURSES TAKEN FOR GRADUATE SCHOOL CREDIT

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

1. The work must be in excess of the 124 points required for the B.A. degree.
2. The student must obtain the approval of both the graduate department(s) offering the course(s) and the undergraduate department in which he or she is majoring or concentrating.
3. A course used to fulfill a requirement for the B.A. degree may not be counted toward graduate credit.
4. The maximum amount of graduate credit that an undergraduate can earn 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 website Student Guide of the Graduate School of Arts and Sciences (<https://gsas.columbia.edu/student-guide/>).
5. Courses that a student completes while registered in the Columbia Summer Session may not be credited toward the completion of degree requirements in the Graduate School of Arts and Sciences.

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. Withdrawal is 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 encouraged 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 (<https://www.cc-seas.columbia.edu/csa/>) in writing. **Neither notification to instructors of a plan to withdraw nor failure to attend classes will constitute an official withdrawal from Columbia College and can result in failing grades in all courses.**

VOLUNTARY MEDICAL LEAVE OF ABSENCE

A medical leave is granted to a student whose health interferes with successful full-time study. A leave can be granted for a minimum of one term and a maximum of two years.

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 dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) 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 (<https://www.cc-seas.columbia.edu/csa/>).

Academic Standing and Transcript Notations

Students who leave in good academic standing will return in good academic standing; students who leave 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. If the date of withdrawal for a medical leave is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term. If the date of withdrawal for a leave begins after the Columbia College withdrawal deadline, individual courses will remain on the transcript.

Ordinarily, Columbia College students who are authorized to withdraw for medical reasons after the withdrawal deadline will receive a mark of W for each of their courses for the term. These notations indicate an authorized withdrawal from the courses. In rare cases, when a student must leave for medical reasons beyond the relevant deadline, a student and advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) 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 (<https://www.cc-seas.columbia.edu/csa/>) as well as the appropriate faculty member(s). Students should consult with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) for more details.

Students who have been approved for authorized Incompletes in the last semester before their medical leave must complete the work of each course upon their return to campus by the end of the Change of Program period. If the work is not completed by the end of the Change of Program period of the term in which the student returns, the grade may convert to the contingency grade or to an F. Due dates for incomplete work should be determined in consultation with the advising dean in the Berick Center for Student Advising upon notification of readmission.

When students depart after the Columbia College withdrawal deadline, they should be cognizant that they will likely fall behind in points necessary to remain in good academic standing in future semesters. To determine whether or not they will fall behind, students should remember that Columbia College students should complete an average of 15.5 points per term to remain in good academic standing. Students should consult with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) to learn whether or not they will fall below the "low points threshold" established for Columbia College students and, if so, work with their advising deans and departments to create a reasonable academic plan to ensure 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. Those points will not, however, count toward the Columbia degree.

If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.

READMISSION FROM MEDICAL LEAVE OF ABSENCE

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

- Fall term readmission – June 1
- Spring term readmission – November 1
- Summer term readmission – not permitted

In order to begin the readmission process, students must first discuss their plans with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) and then submit the following letters to their advising dean 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, made up of representatives of Columbia Health, the Berick Center for Student Advising, and other key offices meets in June and November to consider readmission requests for the Fall and Spring terms, respectively. Committee review is not guaranteed when 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 for final adjudication. Students may then be officially readmitted or denied readmission and will be notified of a decision by the Berick Center for Student Advising by letter and email.
2. Additional information is requested.
3. Readmission is denied. Students may reapply the following semester for readmission.

Once officially readmitted, students will be provided an online registration appointment in order to enroll for the coming term. Normally, students will be able to register in late August for the Fall and in mid-January for the Spring term. In addition, students who are guaranteed housing upon readmission may submit a housing application by following the instructions in their readmission letter. Students on leave cannot participate in housing lotteries until formally readmitted.

Students must address all financial or other obligations to the University that are still outstanding from when they took their leave. If holds have been placed on their registration, 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 he or she will be placed on another leave of absence.

Students are urged to meet with their advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) 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 (NON-MEDICAL)

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. Students considering a voluntary leave must discuss this option in advance with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

Voluntary leaves are granted for a period of one to four semesters. Students must be in good academic standing at the time of the leave, and must be able to complete their degree in a total of eight semesters.

When a leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for a medical leave is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term.

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 (<http://www.columbia.edu/cu/isso/>) to ensure that a leave will not jeopardize their ability to return to Columbia College.

To return to Columbia College, students must notify the Berick Center of Student Advising (<https://www.cc-seas.columbia.edu/csa/>) 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

dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

When an emergency family leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for an emergency family leave of absence is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term. Normally, if an emergency family leave begins after the Columbia College withdrawal deadline, the student's transcript will include all courses attempted, with each course receiving a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete for a course, and the remaining work for the course would have to be completed by the end of the Change of Program period of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, the contingency grade or a W will be inserted as the final grade.

To return to Columbia College, students must notify the Berick Center of Student Advising (<https://www.cc-seas.columbia.edu/csa/>) by June 1 for the Fall term or November 1 for the Spring term. Students must request readmission in writing and submit a statement describing their readiness to return. Once readmission is granted, housing will be guaranteed.

FAILURE TO GRADUATE

Students who fail to graduate and who have been withdrawn from the College must apply for readmission within a two-year period in order to have an opportunity to complete the degree. To apply for readmission, students must have successfully completed no fewer than 90 points of academic credit and earned a GPA of no less than 2.0. Students must fulfill the degree and major or concentration requirements in place at the point of original matriculation. Readmission will be predicated upon the assessment of the students' ability to successfully complete the degree within one calendar year. Inquiries regarding readmission should be directed to the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

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 (<https://www.cc-seas.columbia.edu/csa/>). Students should consult their advising dean 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 (<http://www.columbia.edu/cu/isso/>) to obtain a new visa certificate (form I-20 or form DS-2019).

Students may not take courses for transferable credit while on leave. If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.

DEGREE REQUIREMENTS

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

MODIFICATION OF REQUIREMENTS

The requirements for the degree may be modified or waived in individual cases only by the faculty Committee on Instruction acting for the Faculty of Columbia College. Students wishing to petition the Committee are advised to discuss their requests with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

THE COLUMBIA COLLEGE COMMITTEE ON ACADEMIC STANDING

The Columbia College Committee on Academic Standing (<https://www.cc-seas.columbia.edu/csa/cas/>) implements academic policies and regulations for Columbia College students as set forth by the faculty Committee on Instruction, the University Senate or the faculty as a whole. The Committee on Academic Standing (<https://www.cc-seas.columbia.edu/csa/cas/>) is expected to uphold the policies and regulations of the Committee on Instruction.

The Committee on Academic Standing (<https://www.cc-seas.columbia.edu/csa/cas/>) is composed of advising deans, an associate dean of advising and the dean of advising of the Berick Center for Student Advising.

REGISTRATION

Student Service Center

205 Kent

212-854-4400

registrar@columbia.edu

REGISTRATION AND ENROLLMENT

Registration is the systematic process that reserves seats in particular classes for eligible students. It is accomplished by following the procedures announced in advance of each term's registration period.

Enrollment is the completion of the registration process and affords the full rights and privileges of student status. It 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. In other cases, students may be required to attend the first few class sessions prior to official registration or to confirm official registration. Please check the course information in the *Departments, Programs, and Courses* section of this Bulletin and the registration instructions contained in the Directory of Classes for all of the approvals required.

To comply with current and anticipated Internal Revenue Service mandates, the University requires all students to report their Social Security numbers at the time of admission. **Newly admitted students who do not have Social Security numbers should obtain one well in advance of first registration.** International students should consult with the International Students and Scholars Office (<http://www.columbia.edu/cu/isso/>), located at 524 Riverside Drive (+1-212-854-3587) for more information.

According to University regulations, each person who completes registration is considered a student of the University during the term for which they register, unless the student's connection with the University is officially severed by withdrawal or otherwise. No student registered or enrolled in any school/college of the University shall at the same time be registered or enrolled in any other school/college, either of the University or of any other institution, without specific authorization from the dean/director of the school/college in which he or she is first registered.

The privileges of the University are not available to any student until they have completed registration. Typically, a student who is not officially registered for a University course may not attend the course; however, some courses may require students to attend the first few class sessions prior to official registration. Students are expected to register for courses during the time periods explicitly identified by the Office of the Registrar, and may be required to

obtain written consent of a faculty member or of the Committee on Academic Standing (<https://www.cc-seas.columbia.edu/csa/cas/>) to register at any time during an academic term.

Students are held accountable for absences incurred owing to late enrollment. The University reserves the right to withhold the privilege of registration or any other University privilege from any person with an unpaid debt to the University.

All Columbia College students must be registered for a minimum of 12 points of credit in any given semester. Each Columbia College student must be registered for at least 12 points of credit by the close of the Change of Program period, and those students who are registered for fewer than 12 points by this time will be withdrawn from the College. Graduating seniors who need fewer than 12 points of credit to complete their degree can petition the Committee on Academic Standing for permission to register for fewer than 12 points of credit, with the understanding that they will still be required to enroll as full-time students paying full-time tuition. Questions about registration should be directed to the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

Registration and Change of Program Instructions

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

REGISTERING FOR CLASSES

Registration for classes is by appointment online via Student Services Online (SSOL) (<https://ssol.columbia.edu/>). Some classes may be blocked for online registration and require written approval; students should check the Directory of Classes for approval information. Courses blocked from online registration require a completed Registration Adjustment Form, with all necessary approvals confirmed. 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 waitlist.

Students otherwise unable to register through SSOL must submit a completed Registration Adjustment form to the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), with all necessary approvals confirmed.

Students are allowed to register for a maximum of 18 points of credit in any given semester. Students may not register for courses whose meeting times overlap. Students are responsible for ensuring that their academic programs are in accordance with these policies. If students are accepted into courses through the waitlist mechanism so that their programs contain more than

18 points and/or overlapping courses, students are required to bring their enrollments into compliance with these registration policies by the end of the Change of Program period (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>), either by reducing their course registrations to 18 points or fewer, and/or by dropping courses that overlap with others.

The Committee on Academic Standing in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) is tasked with upholding the academic policies of the College and will make changes to students' registration if the students fail to ensure that their academic programs comply with these policies set by the faculty.

DROPPING COURSES

Students may drop a course online during their assigned registration appointments up until the drop deadline. With the exception of certain Core Curriculum courses (see below), the final dates for dropping courses are Tuesday, October 8 for Fall 2019 and Tuesday February 25 for Spring 2020.

Columbia College students are not permitted to remove a course from their academic record after the drop deadline. If a student withdraws from a course after the drop deadline and no later than the Pass/D/Fail deadline (November 14 for Fall 2019 and March 26 for Spring 2020), the course will remain on the transcript with a mark of W (indicating official withdrawal) for that course. The W is a permanent mark and will remain on the transcript even if the student repeats the course. Students will earn no points of academic credit for classes in which they receive the mark of W. In any given semester, the mark of W precludes the attainment of Dean's List status.

To withdraw from a class, students must first meet with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner, to discuss their plans. They must then submit a Columbia College Acknowledgment of Course Withdrawal form to their advising dean in the Berick Center for Student Advising. (<https://www.cc-seas.columbia.edu/csa/>)

Students may not withdraw from any course after the Pass/D/Fail deadline. After that point, students can only receive the letter grade earned in the course.

When considering the option to drop or withdraw from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given semester. Students who do not earn at least 12 points per term will be placed on academic probation, or be suspended or dismissed. Students who do not make adequate progress to the degree (an average of 15.5 points per term) will also face academic probation, suspension, or dismissal.

Neither failure to attend classes nor giving unofficial notification to the instructor 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

Students may not drop or withdraw from a Core Curriculum course (i.e., *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, and *University Writing*) after the Core drop deadline, which is also the end of the Change of Program Period (September 13 for Fall 2019 and January 31 for Spring 2020).

Note that the deadline to drop a Core Curriculum course is a different one from the deadline to drop other courses.

Students are not permitted to drop or withdraw from *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, or *University Writing* after the Core drop deadline without the approval of the Committee on Academic Standing. Students should consult their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) for more information on the petition process. Students should refer to the Core Curriculum website (<http://www.college.columbia.edu/core/reg/>) for more information.

Students can be placed on academic probation if they fail to complete certain Core classes in their first or second year. Students considering dropping a Core class should consult their advising dean before taking any action.

This deadline for Core Curriculum courses does not apply to courses taken to fulfill the Global Core, Science, or Foreign Language requirements. Students wishing to drop courses counting toward the Global Core, Science, and Foreign Language requirements are bound by the general drop deadlines listed on the Registrar's website (<http://registrar.columbia.edu/>), and on the *Academic Calendar* in this Bulletin.

CHANGING GRADING OPTIONS

Students may elect to change their course grading options from letter grading to Pass/D/Fail or from Pass/D/Fail to letter grading by Thursday, November 14 for Fall 2019 and by Thursday, March 26 for Spring 2020. The Pass/D/Fail grading option cannot be applied to certain courses required for the degree, and students should refer to *Academic Regulations*—Exams and Grades listed in this Bulletin for more information regarding this grading option.

STUDY ABROAD

GLOBAL ENGAGEMENT

The Columbia University Center for Undergraduate Global Engagement (UGE) develops, coordinates, implements, and collaborates with other units at Columbia to support academic and co-curricular opportunities—including study abroad, global internships, global service-learning, global research and global courses on campus and abroad—for global learning and engagement for all undergraduates during their Columbia University journey; and works closely with faculty in their global research and teaching to ensure visibility and access to opportunities that build global awareness and the accomplishment of global competencies. UGE enhances access and support for undergraduates to global opportunities and brings students and faculty together in a central location that creates a hub of global activity at Columbia, allowing students to better connect and learn about potential programs; faculty and staff to share their global and regional expertise and advice; and for the collaborative development, implementation and assessment of new and existing undergraduate global programs and opportunities for global engagement across Columbia and around the world.

C (<https://global.undergrad.columbia.edu/>) **enter for Undergraduate Global Engagement**
606 Kent
212-854-2559
uge@columbia.edu

Studying in a foreign country for a semester, a full year, or sometimes a summer, represents a significant enhancement to the Columbia College education. Study abroad expands the walls of the institution and offers students the opportunity to gain first-hand experience of the larger global community of which we are all members. Students engaged in international study discover insights into other cultures, develop new perspectives, and learn to reflect on how their own culture has shaped their understanding of the world. Students interested in studying abroad should visit the C (<http://www.ogp.columbia.edu/>) enter for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), 606 Kent, as early as possible to discuss their academic goals and to develop a plan for integrating international study into their curriculum.

ELIGIBILITY

The College maintains the authority over students' participation in study abroad programs and upholds standards for all potential candidates. To be eligible for participation in a Columbia-approved study abroad program, students must meet the following criteria:

- Have a minimum GPA of 3.0;
- Make progress toward finishing the Core Curriculum;

- Complete the Core foreign language requirement (i.e., satisfactory completion of the intermediate sequence). Some programs require one or two courses beyond this level, so students may also need to complete advanced language prerequisites;
- Demonstrate academic interest by completing at least one course pertaining to the country or region where the student intends to study;
- Maintain good academic 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 American institutions, or through direct application to foreign universities. Such studies may be approved for one to two terms in the junior year or during any summer term.

CREDIT AND GRADING

Students who enroll in the following Columbia-sponsored programs receive direct Columbia credit for their courses. The grades earned in their studies are reflected on their official transcripts and cumulative GPA:

- Columbia in Paris
- The Berlin Consortium for German Studies
- The Kyoto Center for Japanese Studies
- Columbia in Kenya
- Columbia in London
- Consortium for Advanced Studies in Cuba

Credit from outside approved programs is certified as transfer credit toward the degree when the student returns to the College and upon receipt of appropriate transcripts and other supporting materials. Grades earned during participation in outside approved programs are not reflected on the transcript or the cumulative GPA. College transfer students should note that they are permitted no more than 60 points of outside credit (see *Academic Regulations*—Regulations for Transfer Students).

All students are reminded that the final 30 credits required for the degree must be taken while enrolled in the College for study on Columbia's New York campus or on one of the Columbia-sponsored programs abroad. Any exceptions require special permission from the Committee on Academic Standing.

In addition, the following conditions apply for study abroad:

1. No credit is granted for courses in business, education, journalism, or other subjects that, at Columbia, are typically taught in professional schools.
2. Transfer credit is not awarded for courses taken on a Pass/Fail basis in outside programs. The minimum grade necessary for transfer of credit is C-.

STUDY ABROAD CLEARANCE

Students must be cleared to study on approved programs by the C (<http://www.ogp.columbia.edu/>)enter for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), 606 Kent, by October 1 for the spring semester and by March 1 for the fall semester/academic year. Students must register with this office before November 15 for the spring semester and April 15 for the fall semester/academic year.

UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

All matriculated undergraduates who wish to participate in Columbia-Led, Columbia-Facilitated and/or Recognized international travel must first be cleared to participate in such program and are then *required* to obtain School Sponsorship (<https://travelpolicy.undergrad.columbia.edu/>) at least 4 weeks prior to departure, in accordance with the Undergraduate International Travel Policy (<https://www.cc-seas.columbia.edu/travelpolicy/policy/>).

TUITION AND FINANCES

While abroad, students remain enrolled at the College; tuition is paid to Columbia. Columbia, in turn, pays the academic costs of the overseas program. Students are financially responsible for room, board, and any other miscellaneous costs. Students receiving financial aid at Columbia remain eligible for aid when they study abroad with Columbia's approval.

Students may direct financial aid and study abroad inquiries to the Financial Aid and Educational Financing (<https://cc-seas.financialaid.columbia.edu/>), 618 Lerner; 212-854-3711; ugrad-finaid@columbia.edu.

Columbia College students who enroll in the Columbia-sponsored programs listed below have the same access to the financial aid they would have if they were enrolled in classes in New York. Students who plan to apply should consult with the C (<http://www.ogp.columbia.edu/>)enter for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), 606 Kent; 212-854-2559; uge@bulletin.columbia.edu (uge@columbia.edu) (ogp@columbia.edu).

AFRICA

Kenya: Columbia in Kenya Program

In partnership with Princeton University, Columbia has developed a field semester abroad program in Kenya on Tropical Biology and Sustainability. Operating during the spring semester, this global immersion experience gives students the opportunity to study ecology, evolutionary biology, conservation biology, environmental engineering, and sustainable development in the environmental hub of East Africa. Based at Princeton's Mpala Research Centre in central Kenya, and with support from Columbia's Global Center Africa in Nairobi, students also travel across Kenya to places such as the forested slopes of Mt. Kenya, the wildlife-rich savannas of

Laikipia, and the coffee and tea plantations of western Kenya. Students take four three-week course modules taught by Princeton and Columbia faculty who work in Kenya and other parts of East Africa.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@bulletin.columbia.edu (uge@columbia.edu) (ogp@columbia.edu).

EAST ASIA

Japan: The Kyoto Consortium for Japanese Studies

The Kyoto Consortium for Japanese Studies (KCJS) offers an intensive, two-semester academic program primarily for undergraduates who wish to do advanced work in Japanese language and Japanese studies. The program is open to qualified students who have completed two or more years of college-level Japanese at the time of enrollment. A limited number of students may be admitted for single semester study in the fall or spring.

The KCJS curriculum provides intensive Japanese language study and the opportunity to choose from a broad spectrum of social sciences and humanities courses on premodern and contemporary Japan. The program takes advantage of the numerous social and cultural resources of Kyoto by incorporating into the curriculum field trips, guest speakers, and research projects based on local field work.

For program information, students may consult <http://www.kcjs.columbia.edu> (<http://www.kcjs.columbia.edu/>) and email uge@bulletin.columbia.edu (uge@columbia.edu) (ogp@columbia.edu). Students are also advised to consult with the director of undergraduate studies (<http://www.college.columbia.edu/academics/dus/>) in the Department of East Asian Languages and Cultures (<http://ealac.columbia.edu/>).

EUROPE

France: Columbia in Paris

Established in 1966, the Columbia-Penn Program in Paris at Reid Hall offers semester, academic-year, and summer study-abroad options that challenge students to step outside the boundaries of a traditional French language program and use French as a means to further their understanding of their own area of study. Students with a good command of the French language refine their speaking and writing skills through intensive language training and by taking selected disciplinary courses taught in French specifically for the program at Reid Hall and in the French university system at partner institutions: Institut d'Etudes Politiques (Sciences Po), University of Paris I (Panthéon Sorbonne), University of Paris IV (Sorbonne), and University of Paris VII (Denis Diderot). Opportunities for participating in joint honors seminars and directed research are also available.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email [uge \(http://bulletin.columbia.edu/columbia-college/study-abroad/uge@columbia.edu\)](mailto:uge@bulletin.columbia.edu)@columbia.edu (ogp@columbia.edu).

Germany: The Berlin Consortium for German Studies

The Berlin Consortium for German Studies (BCGS) provides students with the opportunity to enroll in courses at the Freie Universität Berlin (FU Berlin) for the fall semester or a full academic year. The program begins with a six-week intensive language practicum which, in conjunction with a month-long homestay, prepares students for study at the FU Berlin. Upon completion of the practicum, students enroll in one course taught by the BCGS directors on a topic such as cultures, politics, history, literature, theater, or cinema; and for at least two, possibly more, FU Berlin courses for which they meet the prerequisites.

The FU Berlin offers a wide range of courses in the humanities, social sciences, and natural sciences. Students majoring in a variety of disciplines may choose from an array of appropriate courses.

For program information, students may consult <http://www.bcgscolumbia.edu> (<http://www.bcgscolumbia.edu/>) and email [uge \(http://bulletin.columbia.edu/columbia-college/study-abroad/uge@columbia.edu\)](mailto:uge@bulletin.columbia.edu)@columbia.edu (ogp@columbia.edu). Students are also advised to consult with the director of undergraduate studies (<http://www.college.columbia.edu/academics/dus/>) in the Department of Germanic Languages (<http://www.columbia.edu/cu/german/>).

Italy: Columbia in Venice

The Columbia in Venice program allows students to take up to two Columbia-taught interdisciplinary courses: a Global Core course *Nobility and Civility*, and an Italian Studies course *Boiardo and Ariosto*. The remaining courses that comprise the program include Italian language and one or two Venetian themed courses taught in English at Ca'Foscari University.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (reidhall@columbia.edu).

United Kingdom : Columbia in London Program

The Columbia in London Program operates under the direction of Columbia's Department of English and Comparative Literature, in partnership with Queen Mary University of London (QMUL), one of the UK's most prestigious academic institutions.

The program's Global Seminar, *London as Literature*, studies major works of English and Anglophone literature from all periods and genres in a London context. Each fall, the program will be led by one Columbia faculty member whose research directly engages the literary culture of London. That faculty member will offer a version of the global seminar that will enable participating

students to study literary texts in their immediate geographical and cultural settings, transforming their relationship to their objects of study and encouraging them to develop a wider range of reading practices and research methodologies. In addition to regular class meetings, the Global Seminar will involve regular outings to urban sites, designed to complement and enhance the readings and classroom discussions. Destinations will include the British Library, the British Museum, the Victoria and Albert Museum, the Tate Museums, the Globe Theater, and a host of other London cultural institutions.

In addition to the Global Seminar, students will also enroll alongside local students in courses offered by the host institution. QMUL offers programs across a broad range of disciplines, including physical and natural sciences, business and management, engineering, humanities, and social sciences.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (reidhall@columbia.edu).

United Kingdom: The Oxford/Cambridge Scholars Program

Columbia students interested in spending their junior year at Oxford or Cambridge should apply for admission to the Oxford/Cambridge Scholars Program during the first term of their sophomore year. Application to the program is made through the Center for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), where a preliminary selection of candidates is made. Designated candidates for admissions then apply to one of the participating colleges of Oxford or Cambridge. Criteria for admission include a very strong academic record at Columbia, as well as commitment to a chosen field of study. Application through the Columbia Oxford/Cambridge Scholars Program is the only way the College authorizes study at either university.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

LATIN AMERICA AND THE CARIBBEAN

Cuba: The Consortium for Advanced Studies in Cuba

The Consortium for Advanced Studies Abroad (CASA) program in Cuba is a collaborative initiative involving eight U.S. universities: Brown, Columbia, Cornell, Dartmouth, Johns Hopkins, Northwestern, University of Pennsylvania, and Vanderbilt University. CASA-Cuba provides students with a unique opportunity to have direct access to Cuba's leading institution of higher learning, the University of Havana, and to Casa de Las Américas, the Cuban government's premier research institution on Caribbean and Latin American studies, Cuban culture, and the arts. Comprehensive student services support the

academic and social experience. The program runs in both fall and spring semesters.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Summer study abroad provides a meaningful complement to the College curriculum and can help students prepare for semester- or year-long overseas programs.

Columbia College students who enroll in the Columbia-sponsored summer programs listed below earn direct credit for their courses.

AFRICA AND THE MIDDLE EAST

Jordan/Tunisia: The Middle Eastern and North African Studies Program in Amman and Tunis

This nine-week program allows students to strengthen their skills in Modern Standard Arabic while being introduced to the history in the intersecting regions of the Maghreb and the Middle East. Students take the equivalent of a year of Modern Standard Arabic and receive training in the dialects of the Mashrek and the Maghreb. The language program is complemented by a cultural and historical seminar featuring lectures by prominent specialists from Columbia University and partner institutions in the Middle East and North Africa.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

EAST ASIA

China: Columbia Summer in Beijing: Business Chinese

This ten-week program is based at Peking University and offers advanced Chinese language students an opportunity to gain firsthand experience in the language, culture, and customs that drive the economic development of the world's most populated nation. Students enroll in six weeks of intensive, personalized instruction in business Chinese language classes and four weeks of language practicum placements in Beijing offices of local/multinational companies.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

China: Columbia Summer in Beijing: Chinese Language

This nine-week program immerses students in Beijing and offers four levels of intensive Chinese language studies from first through fourth year. Reading, writing, speaking and listening are

emphasized in the classroom, in drill sections, and through private tutorials. Group excursions in and around Beijing and a week-long travel break give students insight into Chinese society and provide a variety of environments in which to practice language skills.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

China: Global Scholars Program: Adaptation to Changing Climates

The Global Scholars Program (GSP) in China consists of a spring course at Columbia, *Principles of Animal Behavior*, followed by a three-week field study course in China, *Behavioral Adaptation to Changing Climates*. Throughout the program, students will understand how animals cope with and adapt to changing environments. The program explores a broad range of topics in behavioral ecology, teaches hands-on research skills, and allows students to interact with government officials and students in China.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Japan: The Kyoto Consortium for Japanese Studies Program in Advanced and Classical Japanese

This six- or eight-week program offers intensive training in modern and classical Japanese for students who have completed at least one year or three years of Japanese, or the equivalent.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

EUROPE

France: Columbia Summer in Paris

The six-week program offers modules at several levels designed to allow students to work together in small classes to integrate language and cultural studies and to progress in French while using Paris as a learning lab for language, culture, and extracurricular activities.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

France : Columbia Summer Core in Paris: Art Humanities and Music Humanities

This six-week program enables students to complete two Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) courses, *Art Humanities* and *Music Humanities*, in Paris. The program emphasizes the musical and visual cultures of Paris. Day trips to important sites in the region, such as Chartres

and Giverny, will complement the excursions to monuments and musical performances within Paris.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

France : Columbia Summer Undergraduate Math Research Program in Paris

This six-week program provides for intensive mathematical research with students and faculty from Columbia and the Université Denis Diderot in Paris.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Germany : Columbia Summer Core in Berlin: Art Humanities and Music Humanities

This six-week program enables students to complete two Core Curriculum courses, *Art Humanities* and *Music Humanities*, in Berlin. The program emphasizes the musical and visual cultures of German. Two overnight excursions to important sites in Germany will compliment the excursions to monuments and musical performances within Berlin.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Greece: Columbia Summer in Greece: Athens Curatorial Project

This five-week program takes place in various locations in Greece and consists of an intensive curatorial workshop grounded in a seminar highlighting historical, anthropological, and literary approaches to aspects of Greek history and culture. It examines these through the organization of an art exhibition under the general theme of the environment.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Italy: Columbia Summer in Italy: Archaeological Fieldwork

This four-week program provides students with the unique opportunity to excavate at Hadrian's Villa, a UNESCO World Heritage site near Rome and the most important of Roman imperial villas. Students learn archaeological techniques at all levels and think critically about how excavation work allows for deeper insight into the social, political, economic, architectural and artistic history of classical antiquity.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Italy: Columbia Summer in Venice

This six-week program is based at Ca' Foscari University in Venice and uses an interdisciplinary approach to understanding Italian culture and society through study of its language, literature/film, art history and conservation, and economy. Students are given the opportunity to gain a deeper appreciation of the rich Venetian culture, traditions, and history.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

LATIN AMERICA

Mexico: Columbia Summer in Mexico City: Colonization and Decolonization

This four-week program in Mexico City gives students the opportunity to study the dynamics of civilizational contact, exchange, and conflict in the Americas. It offers the Center for the Study of Ethnicity and Race course "Colonization and Decolonization" in a moveable classroom setting to allow students access to sites of historical and architectural significance, including museums, archives, as well as meetings with local scholars and non-governmental organizations.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

SUMMER STUDY ABROAD APPROVAL

Students seeking to study abroad during the summer must be approved by the Center for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), 606 Kent. Transfer credit for summer classes taken abroad on outside programs is awarded only for foreign-language courses under these conditions:

- Credits for language study at the elementary and intermediate levels are awarded after the student takes a placement exam to determine his/her progress in the language. Advanced foreign-language instruction courses are accepted for academic credit upon review by the appropriate language department.
- The only non-language instruction courses eligible for credit are courses which will satisfy the major or concentration. The courses must be taken abroad in a foreign language and must receive departmental approval to satisfy major or concentration requirements.

Limited exceptions can be made for awarding credit for summer courses taught in English. College credit can be granted provided that the course offers a unique experience, such as a field-studies program or archaeological dig, where the study-abroad site functions as a constituent part of the course, and the program must be approved by the Center for Undergraduate

Global Engagement (<https://global.undergrad.columbia.edu/>). Departmental approval is required and the course must satisfy major or concentration requirements.

In order to provide the richest and most immersive experience possible to its students, Columbia has established a network of exchange agreements with international institutions. With an exchange agreement, Columbia students may study at a partner institution; in exchange, students from the foreign institution may study at Columbia. Students take regular courses alongside local students, live in campus housing, have an academic adviser, and have access to all university facilities and resources.

EXCHANGE PROGRAMS

Currently, Columbia has undergraduate exchanges with the following institutions:

- Bocconi University
- Boğaziçi University
- Hong Kong University of Science and Technology
- University College London
- University of Hong Kong
- Waseda University

Students who plan to apply to these programs should consult with the Center for Undergraduate Global Engagement (<https://global.undergrad.columbia.edu/>), 606 Kent; 212-854-2559; uge@columbia.edu (ogp@columbia.edu).

CREDIT AND GRADING

As with other types of study abroad programs, all academic work completed abroad counts toward the Columbia degree, and students may take classes toward the major with the department's approval.

TUITION AND FINANCES

Columbia College students who attend these exchange programs have the same access to financial aid they would have if they were enrolled in classes on Columbia's New York campus. Columbia students pay their usual Columbia tuition and are responsible for non-academic costs abroad.

Students may direct financial aid and study abroad inquiries to the Financial Aid and Educational Financing (<https://cc-seas.financialaid.columbia.edu/>), 618 Lerner; 212-854-3711; ugrad-finaid@columbia.edu.

SPECIAL PROGRAMS

Preprofessional Advising

Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>)
403 Lerner
212-854-6378
preprofessional@columbia.edu

Medical, dental, and other health professional schools prefer that undergraduates complete a four-year program of study toward the 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 (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) and the major or concentration.

MAJORS AND CONCENTRATIONS

There is no major preferred by medical school admissions committees. Students are encouraged to major or concentrate in any field that appeals to them. Students concentrating in a non-science area may wish to take one or two extra science courses to demonstrate their interest and aptitude in the sciences. Students should work closely with their advising deans (<https://www.cc-seas.columbia.edu/csa/>) and preprofessional advisers (<https://www.cc-seas.columbia.edu/preprofessional/>) from the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 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 those schools to which they intend to apply.

In addition to medical school course requirements, all medical schools currently require applicants to sit for the Medical College Admissions Test (MCAT) (<https://www.aamc.org/students/applying/mcat/>). A new format of this exam was introduced in Spring 2015, for which the recommended preparation is:

- 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 of Introductory Psychology;
- 1 semester of Biochemistry

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 (Lecture) and General Chemistry II (Lecture)
CHEM UN1500	General Chemistry Laboratory

Option 2: for students who place into the accelerated track:

CHEM UN1604	Intensive General Chemistry (Lecture)
CHEM UN1507 or CHEM UN1500	Intensive General Chemistry Laboratory General Chemistry Laboratory

Option 3: available to students depending on results of placement exam:

CHEM UN1507	Intensive General Chemistry Laboratory
CHEM UN2045 - CHEM UN2046	Intensive Organic Chemistry I (Lecture) and Intensive Organic Chemistry II (Lecture) (formerly CHEM W3045-W3046)
CHEM UN2545	Intensive Organic Chemistry Laboratory

Organic Chemistry

CHEM UN2443 - CHEM UN2444	Organic Chemistry I (Lecture) and Organic Chemistry II (Lecture) (formerly CHEM W3443-W3444)
CHEM UN2493 - CHEM UN2494	Organic Chemistry Laboratory I (Techniques) and Organic Chemistry Laboratory II (Synthesis)

Biology

BIOL UN2005 - BIOL UN2006	Introductory Biology I: Biochemistry, Genetics & Molecular Biology and Introductory Biology II: Cell Biology, Development & Physiology
BIOL UN2501	Contemporary Biology Laboratory (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
PHYS UN1291 - PHYS UN1292	General Physics Laboratory and General Physics Laboratory II

Option 2:

PHYS UN1401 - PHYS UN1402	Introduction To Mechanics and Thermodynamics and Introduction To Electricity, Magnetism, and Optics
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Or

PHYS UN1601 - PHYS UN1602	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism
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Also select one of the following laboratories:

PHYS UN1291 - PHYS UN1292	General Physics Laboratory and General Physics Laboratory II
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PHYS UN1493	Introduction to Experimental Physics
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PHYS UN1494	Introduction to Experimental Physics
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PHYS UN2699	Experiments in Classical and Modern Physics
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PHYS UN3081	Intermediate Laboratory Work
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Option 3:

PHYS UN2801 - PHYS UN2802	Accelerated Physics I and Accelerated Physics II
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Also select one of the following laboratories:

PHYS UN1493	Introduction to Experimental Physics
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PHYS UN1494	Introduction to Experimental Physics
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PHYS UN2699	Experiments in Classical and Modern Physics
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PHYS UN3081	Intermediate Laboratory Work
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Psychology

PSYC UN1001	The Science of Psychology
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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, it is not guaranteed that medical schools will accept this sequence in fulfillment of a biochemistry requirement.

- **Advanced Biology:** A small number of schools require more than one year of introductory biology and many of these recommend specific advanced level classes.
- **Social and Behavioral Science:** A number of schools have begun to add social and behavioral science courses into their requirements, including, but not limited to, psychology and sociology.

Students should note that medical schools' stated prerequisites are subject to change from year to year and it is the responsibility of students to confirm the prerequisite requirements for the medical schools to which they intend to apply. Most medical schools list their requirements in greater detail on their individual websites. More information can also be found from the Association of American Medical Colleges (AAMC) (<https://services.aamc.org/msar/home/#null>).

BARNARD COURSES

While it is preferred that students complete their premedical requirements with Columbia College courses, if they meet course prerequisites students may take premedical requirements at Barnard. However, the Columbia Biology and Chemistry Departments may not accept Barnard courses toward the major or concentration. Students should consult their departmental adviser well in advance of registering for a Barnard course.

STUDENTS WITH ADVANCED PLACEMENT

Advanced Placement (AP) credit is accepted by some schools, but not all. Students are responsible for monitoring the requirements of each school to which they intend to apply.

Generally, students with AP credit are strongly advised to take further courses in the field in which they have received such credit.

APPLICATION TO HEALTH PROFESSION PROGRAMS

Students must apply for admission to health profession schools more than one year in advance of the entry date. Students who are interested in going directly on to health profession schools following graduation should complete all prerequisite courses required for the Medical College Admissions Test (MCAT) by the end of the junior year. It is entirely acceptable — and often preferred — for students to take time between undergraduate and health profession school and thus to wait to apply to these schools for one or more years.

Students planning to apply to medical or dental school should be evaluated by the Premedical Advisory Committee prior to application. A Premedical Advisory Committee application is made available each year in December. For more information regarding this process, please consult with a preprofessional adviser (<https://www.cc-seas.columbia.edu/preprofessional/>) in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner preprofessional@columbia.edu.

CLINICAL AND RESEARCH EXPOSURE

Preprofessional Advising (<https://www.cc-seas.columbia.edu/preprofessional/>) maintains an online list of many different clinical volunteer and research opportunities across New York City and beyond. Exploration of the career and sustained interactions with patients is viewed by many medical schools as essential preparation and therefore students are strongly encouraged to spend time volunteering/working in clinical and research environments before applying to medical school.

ENGINEERING

The Combined Plan (3-2) Program

The Combined Plan (3-2) Program provides students with the opportunity to earn both the B.A. at Columbia College and the B.S. at The Fu Foundation School of Engineering and Applied Science in five years. Columbia College students must apply in their junior year to The Fu Foundation School of Engineering and Applied Science. In order to apply, students must have completed or be in the process of completing the pre-engineering courses including:

Mathematics

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
MATH UN1202	Calculus IV

Chemistry

CHEM UN1403	General Chemistry I (Lecture) (at a minimum)
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Physics

Select one of the following three sequences:

PHYS UN1401	Introduction To Mechanics and Thermodynamics
- PHYS UN1402	and Introduction To Electricity, Magnetism, and Optics
PHYS UN1601	Physics, I: Mechanics and Relativity
- PHYS UN1602	and Physics, II: Thermodynamics, Electricity, and Magnetism
PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Some programs require a third semester of Physics

Computer Science

Select one of the following four courses, depending on program:

ENGI E1006	Introduction to Computing for Engineers and Applied Scientists
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
COMS W1007	Honors Introduction to Computer Science

Economics

ECON UN1105	Principles of Economics
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Laboratory Requirement (choose one of the following)*:

PHYS UN1493	Introduction to Experimental Physics
PHYS UN1494	Introduction to Experimental Physics
CHEM UN1500	General Chemistry Laboratory

*Note that some majors require a specific lab in either Chemistry or Physics, or both

Students must also complete the requirements for a Columbia College major or concentration, as well as any additional pre-curricular requirements for the specific engineering major (see specific requirements on the Undergraduate Admissions (<http://undergrad.admissions.columbia.edu/apply/combined-plan/>) website). In the fourth and fifth years of study, to be completed at The Fu Foundation School of Engineering and Applied Science, requirements for the major at The Fu Foundation School of Engineering and Applied Science must be completed in consultation with the major adviser there. Students with more than 35 transfer credits are not eligible for the program. Housing and financial aid will be continued.

Each fall, Undergraduate Admissions conducts information sessions in which students meet with the Combined Plan Program administrator. For more information, students should contact their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner, or email combinedplan@columbia.edu.

The 4-1 Program at Columbia College

The 4-1 Program provides students in The Fu Foundation School of Engineering and Applied Science (SEAS) the opportunity to obtain a B.A. degree from Columbia College with one additional year of study after completion of four years of study and fulfillment of all requirements for the B.S. degree in engineering. SEAS students who are interested in the 4-1 Program must declare their interest in the spring of their sophomore year and plan their next three years of study with the program adviser. The fifth year of study commences in the fall semester and students are required to conclude their studies while enrolled for two full-time semesters.

The program is selective, and admission is based on the following factors:

1. Granting of the B.S. at SEAS at the end of the fourth year;
2. The fulfillment of the Columbia College Core Curriculum (<http://bulletin.columbia.edu/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 (<http://www.college.columbia.edu/academics/dus/>).

For more information, students may contact their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner.

THE INTERNATIONAL AFFAIRS FIVE-YEAR PROGRAM

The International Affairs Five-Year Program offers Columbia College students the opportunity to earn both B.A. and M.I.A. degrees in five years. Students apply to the program during their junior year through the School of International and Public Affairs Admissions Office (<https://sipa.columbia.edu/admissions/>) in the School of International and Public Affairs (SIPA) (<https://sipa.columbia.edu/>). Once admitted to the joint program, students complete their senior year at Columbia College, starting in the fall semester, but the bulk of courses taken are graduate-level ones acceptable to SIPA. Admission to the joint program does not constitute admission to SIPA.

To be eligible for the program, students must have been enrolled in Columbia College for at least four semesters by the end of the junior year; have completed a minimum of 93 credits; achieved competence in a modern foreign language; completed all Columbia College Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) requirements; and satisfied all major/concentration requirements, with the exception of six to eight credits, or two courses. These two courses may be taken during the senior year while completing the 24 points required by SIPA. Three points of SIPA requirements may be taken in the junior year. Summer courses between the junior and senior year may be considered. Students must receive the B.A. with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid.

For more information, students may contact their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner.

THE JUILLIARD SCHOOL

Exceptionally talented Columbia College students have access to instrumental, composition, and voice instruction at The Juilliard School through two distinct programs:

The Cross-Registration Program

Students can be invited to cross-register for weekly instrumental (classical and jazz), composition, and vocal instruction with the Juilliard faculty, after completing the formal application and successfully auditioning at Juilliard. Annual juries are held at the end of each academic year, which determine eligibility to continue in the program. Other types of ensembles or classes at Juilliard are generally not available for cross-registration.

Applicants to the cross-registration program may be first-year applicants or current students within Columbia College. Students

in the cross-registration program may participate in the program for up to four years of study and have the option of applying to the joint program in their junior year. Columbia College students interested in this program must submit a Juilliard Application for Admission (<https://undergrad.admissions.columbia.edu/apply/first-year/juilliard-exchange/>), including pre-screening materials.

The Joint BA/MM Program

Columbia College students already in the cross-registration program can apply to participate in the joint program that offers students the opportunity to earn a B.A. from Columbia and an M.M. from Juilliard in five years. (Voice candidates may need six years of study to complete the program depending on preparation). It is recommended that students interested in the program complement their cross-registration instruction with music classes and participation in ensembles at Columbia. However, cross-registration participants do not have any specific course requirements at Columbia in order to qualify for admission to the M.M. at Juilliard.

If admitted to begin the M.M. program at Juilliard during their senior year at Columbia College, students normally spend two subsequent years (three for voice majors) primarily at Juilliard, while finishing any remaining undergraduate requirements at Columbia College. Students receiving Columbia financial aid are subject to Juilliard's financial aid policies during their time at Juilliard, and are not eligible for aid from Columbia.

To plan accordingly, students who wish to pursue the joint program should consult with Alex España, Associate Dean, in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>). To apply, Columbia College students must have completed 94 points of coursework, including the Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) requirements and major or concentration requirements for the B.A. within three years, and have participated in the cross-registration program for at least one year.

Cross-registration participants interested in applying for the program must submit the Juilliard Application for Admission (<http://undergrad.admissions.columbia.edu/apply/first-year/juilliard-exchange/#juilliardjoint>) by the appropriate deadline. The pre-screening (if applicable) is waived. Live auditions are held at The Juilliard School in early March.

ACCELERATED INTERDISCIPLINARY LEGAL EDUCATION PROGRAM

The Accelerated Interdisciplinary Legal Education (AILE) Program provides Columbia College students with outstanding records the opportunity to earn both B.A. and J.D. degrees in six years. Selected students matriculate at the Law School after their junior year, having completed the required 93 points including the Columbia College Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) requirements and a concentration. Interested students must submit an application in the spring of their junior year to the Office of Preprofessional Advising (<https://www.cc->

[seas.columbia.edu/preprofessional/](https://www.cc-seas.columbia.edu/preprofessional/)) in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>).

Columbia College may nominate one or two juniors each year for consideration; the final admission determination is made by the Law School Admissions Committee. Transfer students and students with fewer than six semesters of study as Columbia College students on Columbia's New York campus (not abroad) before entering the Law School are not eligible for the program.

Prospective participants in this program must take the Law School Admission Test (LSAT) (<http://www.studentaffairs.columbia.edu/preprofessional/law/applying/lsat.php>) or Graduate Record Examination (GRE) no later than the February administration of the year of intended enrollment. After formal admission to the Law School, the students are withdrawn from the College. In the student's second and third years at the Law School, 12 points of coursework taken only at the Graduate School of Arts and Sciences must be completed. The courses must be approved beforehand by the student's preprofessional adviser. AILE candidates are required to apply for the B.A. degree the term before they expect to graduate.

Students should inform their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>) of their plans to graduate in order to be considered for honors and Phi Beta Kappa. AILE students receive Columbia College and Law School degrees at the same time. Once admitted to the Law School, students interested in financial aid and housing should apply through the Law School.

For more information, students may contact Preprofessional Advising (<https://www.cc-seas.columbia.edu/preprofessional/>), 403 Lerner, 212-854-6378; preprofessional@columbia.edu.

PUBLIC POLICY AND ADMINISTRATION FIVE-YEAR PROGRAM

The Graduate Program in Public Policy and Administration provides Columbia College students with the opportunity to earn both B.A. and M.P.A. degrees in five years. Students apply to the program during their junior year through the School of International and Public Affairs Admissions Office (<https://sipa.columbia.edu/admissions/program-admissions/miampa-admissions/>). Once admitted to the joint program, students complete their senior year at Columbia College, starting in the Fall semester, but the bulk of courses taken are graduate-level ones acceptable to SIPA. Admission to the joint program does not constitute admission to SIPA.

To be eligible for the program, students must have been enrolled in Columbia College for at least four semesters by the end of the junior year; completed a minimum of 93 credits; achieved competence in a modern foreign language; completed all College Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum/>) requirements; and satisfied all major/concentration requirements, with the exception of 6 to 8 credits,

or two courses. These two courses may be taken during the senior year while completing the 24 points required by SIPA. Three points of SIPA requirements may be taken in the junior year. Summer courses between the junior and senior year may be considered. Students must receive the B.A. with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid.

For more information, students may contact their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner.

COLUMBIA-HOWARD EXCHANGE PROGRAM

Columbia College offers students the opportunity to participate in a domestic exchange program with one of the most prominent historically black universities: Howard University in Washington, D.C. The program permits Columbia students to spend a semester or academic year at Howard. In exchange, it allows Howard students to spend a semester or academic year at Columbia.

Columbia students who participate in the program pay tuition to Columbia College and pay room and board expenses directly to Howard University.

Courses taken at Howard are treated as transfer credit. Transfer credit may be earned for approved courses in which students receive a letter grade of C- or higher. However, grades are not calculated into a student's grade point average. Courses taken to satisfy major requirements must be approved by the appropriate academic department.

To be eligible for participation, students should be in good standing with the College and have a cumulative GPA of 2.8 or higher. Interested students should submit applications by the first week of March for the fall semester and by the first week of November for the spring semester.

Applications and additional information may be obtained from the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa/>), 403 Lerner; 212-854-6378; csa@columbia.edu.

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

Starting with the Class of 2020, procedures regarding Latin Honors will be as follows: 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, 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 is the highest academic recognition awarded by the College. There is no separate consideration of honors for October or February graduates. The honor is noted on the diploma and transcript, but will not be announced before graduation because students' final semester grades are included in the GPA calculation. October and February graduates may ask the Registrar to add an honors notation to an already issued diploma.

The Committee on Honors, Awards, and Prizes considers both academic standing and disciplinary standing within the College when awarding College honors.

VALEDICTORIAN AND SALUTATORIAN

The Committee on Honors, Awards, and Prizes reviews the academic records of the most exceptional students nominated by the faculty for Valedictorian and Salutatorian. Selection is based not on GPA alone, but on the breadth, depth, rigor of academic program, high quality of academic achievement, departmental recommendations, and outstanding academic work beyond that which is required for the degree.

The Committee on Honors, Awards, and Prizes considers both academic standing and disciplinary standing within the College when awarding Valedictorian and Salutatorian.

DEPARTMENTAL HONORS

Departmental honors may be established and awarded by any Columbia College department or academic program, and is recorded on a student's final transcript. Students should consult with their director of undergraduate studies (<http://www.college.columbia.edu/academics/dus/>) no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May. Not all departments and programs offer departmental honors.

College guidelines for departmental honors include the following four criteria:

Departmental honors are awarded to no more than 10%, or, in small departments, one member, of the graduating majors (including all October, February, and May degrees);

A grade point average (GPA) of at least 3.6 in major courses is expected for a student to be considered for departmental honors;

An honors thesis or equivalent project of high quality should be required by each department or academic program in order to receive departmental honors;

Academic departments and programs consider both academic standing and disciplinary standing within the College when awarding departmental honors.

PHI BETA KAPPA

This academic society was founded in 1776 to recognize and celebrate friendship, morality, and learning. The Columbia College Delta chapter was formed in 1869. Each year, 10% of the senior class are inducted into Phi Beta Kappa (<https://www.pbk.org/web/>) by faculty who are members of the society. Two percent are elected in November and the other eight percent are elected in the spring. Selection is based not only on academic achievement, but also on evidence of intellectual promise, character, and achievement outside the classroom. Academic achievement is measured by strength and rigor of program, as well as by grades and faculty recommendations. Students may

not apply for Phi Beta Kappa nor may they solicit faculty for recommendations.

As with graduation honors, October and February graduates are considered along with May graduates. Election to Phi Beta Kappa is noted on a student's transcript.

The faculty Phi Beta Kappa selection committee considers both academic standing and disciplinary standing within the College when electing new members to the society.

While prizes are typically awarded annually, they are done so at the discretion of the respective selection committees. Hence, should a selection committee decide, in a particular year, that there are no suitable candidates; the prize will not be awarded. Unless otherwise noted, these prizes are awarded to Columbia College students only.

GENERAL PRIZES

ALUMNI ASSOCIATION ACHIEVEMENT AWARD

(1947) A trophy, in the form of a Columbia lion, awarded annually to the member of the senior class who is judged to be most outstanding for qualities of mind, character, and service to the College.

ALUMNI PRIZE

(1858) Awarded annually by the Alumni Association to the senior judged by classmates to be the most faithful and deserving.

CHARLES H. BJORKWALL PRIZE

(1937) Established by Ottilie Emma Bjorkwall in memory of her brother, Dr. Charles H. Bjorkwall. Awarded annually to a member of the senior class for unselfish service to the College community.

EDWARD SUTLIFF BRAINARD MEMORIAL PRIZE

(1920) Established by Miss Phebe Sutliff in memory of her nephew, Edward Brainard Sutliff, CC'21. Awarded annually to the member of the graduating class who is judged by classmates to be most worthy of distinction for qualities of mind and character.

JAMES CHRISTOPHER CARALEY MEMORIAL PRIZE

(1984) Established in memory of James Christopher Caraley, 1959–1979, CC'81, by his family and friends. Awarded annually to that member of the junior class who has demonstrated the greatest commitment to the value of preservation of the natural environment or of world peace and order.

ROBERT LINCOLN CAREY MEMORIAL PRIZE

(1967) A trophy, in the form of a lion, awarded annually by the Alumni Association to the senior who, through a combination of leadership qualities as exercised in the non-athletic extracurricular program of Columbia College and outstanding achievement in the academic program of the College, best exemplifies the ideals that Robert Lincoln Carey sought to engender in the students of Columbia College.

STANLEY I. FISHIEL/ZETA BETA TAU PRIZE

Established in honor of Stanley I. Fishiel, CC'34, who was president of ZBT while at Columbia and later national president,

and who believed in the important role fraternities can play in the development of undergraduates. Awarded to an undergraduate fraternity member who has demonstrated leadership, academic achievement, and participation in athletics or other campus activities.

RICHARD H. FOX MEMORIAL PRIZE

(1927) Established by Mr. and Mrs. Leon S. Fox in memory of their son, Richard H. Fox, CC'21. Awarded to the senior who, in the judgment of the King's Crown Advisory Committee, has shown to the College the greatest interest and helpfulness. The student must have participated in some nonathletic activities and must be one who combines intelligence with a kindly interest in his or her fellows.

ROBERT 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.

GENERAL ACADEMIC PRIZES

ALBERT ASHER GREEN MEMORIAL PRIZE

(1913) Established by Mr. and Mrs. Asher Green in memory of their son, Albert Asher Green, CC 1914. Awarded to the senior who has been a student in good standing in the College for at least three years and who has made the best record of scholarship.

DAVID B. TRUMAN ALUMNI AWARD

(1970) Established in honor of David B. Truman, former Dean of the College. A lion trophy donated annually by the Alumni Association to the Columbia College student who has made the most distinguished contribution to the academic affairs of the College.

PRIZES IN THE CORE CURRICULUM

JOSHUA A. FEIGENBAUM PRIZE IN LITERATURE HUMANITIES

(2004) Established by Joshua Feigenbaum and awarded to a student who is judged by the faculty to have exhibited excellence in Literature Humanities.

WALLACE A. GRAY PRIZE IN LITERATURE HUMANITIES

(2004) Established in memory of the late Professor Wallace Gray and awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Literature Humanities.

DEAN HAWKES MEMORIAL PRIZE IN THE HUMANITIES

(1943) Established by a committee of the Class of 1943 in memory of Dean Herbert E. Hawkes. Awarded annually to the member of the junior class who is judged to be the most deserving on the basis of work in the humanities.

JONATHAN THRONE KOPIT PRIZE IN LOGIC AND RHETORIC

(1997) Established by Mrs. Ina Cohen in memory of her husband, Jonathan Throne Kopit, CC'68. Awarded annually to the Columbia College student who, in the opinion of the departmental committee, has made the most significant progress in University Writing.

JAMES P. SHENTON PRIZE IN CONTEMPORARY CIVILIZATION

(2004) Established by the Committee on the Core and the Office of the Dean of the College in memory of Professor James P. Shenton, CC'49 and GSAS'55. Awarded annually to the

Columbia College undergraduate who is judged by the faculty to have written the best essay in Contemporary Civilization.

PRIZES IN THE HUMANITIES

SENIOR THESIS PRIZE IN ART HISTORY AND ARCHAEOLOGY

(2002) Established as a gift from Philip E. Aarons, CC'73 and LAW'76, in recognition of an outstanding senior thesis by a major in the Department of Art History and Archaeology.

CHARLES PATERNO BARRATT-BROWN MEMORIAL PRIZE

(2000) Established by his parents and his sister in honor of Charles Paterno Barratt-Brown, CC'83. Awarded to a Columbia College senior who is judged by the English Department to have excelled in critical writing in any scholarly field.

DINO BIGONGIARI PRIZE

(1954) Established by the former students and friends of Professor Dino Bigongiari, awarded annually to the senior who has written an outstanding essay on Italian civilization or whose work in the regular Italian courses is judged most worthy of distinction.

BUNNER PRIZE

(1896) Established by friends of the late Henry Cuyler Bunner. Awarded to the candidate for a degree in Columbia University who has submitted the best essay on a topic dealing with American literature. The topic to be selected in connection with course or seminar work in American literature and approved by the chairman of the Bunner Prize Committee.

DOUGLAS GARDNER CAVERLY PRIZE

(1994) Established in memory of Douglas Gardner Caverly, CC'68, by his family and friends, and awarded for outstanding performance by a graduating major in Classics.

DEUTSCHER VEREIN PRIZE IN GERMAN

(1917) Awarded annually to the junior or senior who submits the winning essay on a prescribed topic in German literature.

EARLE PRIZE IN CLASSICS

(1907) Established in memory of Mortimer Lamson Earle, CC 1886, lecturer and professor in the Department of Classics. Awarded for excellence in sight translation of passages of Greek and Latin. Only candidates for the degree of Bachelor of Arts may compete.

JAMES GUTMANN PRIZE IN PHILOSOPHY

(1987) Established in honor of James Gutmann, this prize is awarded to a graduating Columbia College senior in Philosophy who plans to pursue graduate work in the field.

JOHN VINCENT HICKEY PRIZE

(2004) Established by Dr. Helene J.F. de Aguilar in honor of her brother, John Vincent Hickey. Awarded annually to the Columbia College undergraduate who is judged by the Department of English and Comparative Literature to have submitted the best essay on Irish, English, or American poetry.

ADAM LEROY JONES PRIZE IN LOGIC

(1934) Established by Mrs. Adam Leroy Jones in memory of her husband, who was Associate Professor of Philosophy and Director of University Admissions, 1909–1934. Awarded to a student in the College for the best essay on any topic in the philosophy of science or in the foundation of logic. It may be either a topic connected with seminar work in the Department of Philosophy or one approved by the Jones Prize Committee.

HELEN AND HOWARD R. MARRARO PRIZE

(1972) Established in honor of Professor Howard R. Marraro. Awarded to an undergraduate of high academic distinction and promise in an area of study concerned with Italian culture, including art, music, comparative literature, history, economics, government, or in any other academic discipline.

BENJAMIN F. ROMAINE PRIZE FUND

(1922) Gift of Benjamin F. Romaine to provide an annual prize for proficiency in Greek language and literature.

ERNEST STADLER PRIZE FOR THE EXCELLENCE IN THE STUDY OF CLASSICAL ANTIQUITY

(2006) Established by Dr. Richard A. Brooks, CC'53, and Dr. Eva Stadler Brooks, BC'53, in memory of Dr. Stadler Brooks' father, Ernest Stadler, who had a life-long commitment to the study of classical antiquity. The prize may be awarded annually to a graduating senior of Columbia College who is judged by the faculty to have demonstrated academic excellence through course work and the writing of a senior essay on some aspect of the history or culture of the classical world.

SUSAN HUNTINGTON VERNON PRIZE

(1941) Established by a member of the noted family of Hispanophiles to encourage young women in humanistic pursuits at the college level. Currently offered by the Department of Latin American and Iberian Cultures and the Hispanic Institute of Columbia University to the Columbia College senior who has most demonstrated excellence in the study of Spanish language and Spanish and Latin American literatures and cultures.

PRIZES IN THE SOCIAL SCIENCES**CHARLES A. BEARD PRIZE IN POLITICAL SCIENCE**

(1963) Established by the Honorable Albert Levitt. Awarded to the student who writes the best paper in political science during the academic year.

CHARLES A. BEARD PRIZE IN HISTORY

(2003) Established by the History Department for a senior thesis of superior distinction in any historical field and period.

CARL B. BOYER MEMORIAL PRIZE

(1978) Established by Mrs. Carl B. Boyer in memory of her husband. Awarded annually to the Columbia undergraduate who writes the best essay on any topic in the history of science or mathematics as judged by a faculty committee.

SHANLEY & CHAMBERLAIN PRIZE

(2019) Annual award for best undergraduate essay in the areas of the American presidency, Congress, or public policy.

CHANLER HISTORICAL PRIZE

(1877) Established at the bequest of J. Winthrop Chanler, CC 1847. Awarded to the senior who submits the best essay on a topic dealing with the history of civil government in America. The topic to be selected in conjunction with seminar work in one of the social science departments and approved by the chairperson of the Chanler Prize Committee.

TARAKNATH DAS FOUNDATION AWARD

(1957) Awarded annually to a student in Columbia College, the School of General Studies, or Barnard College for excellence in Asian studies, particularly in the history and culture of India.

ALBERT MARION ELSBERG PRIZE

(1912) Established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg. Awarded to a student with sophomore, junior, or senior standing who has demonstrated excellence in modern history.

LILY PRIZE IN HISTORY

Established by Professor James P. Shenton, CC'49 and GSAS'55, in honor of his mother. Awarded by the History Department for academic achievement in the study of history other than that of the United States.

GARRETT MATTINGLY PRIZE

(2003) Established by the History Department for a senior thesis of superior distinction in any historical field and period.

SANFORD S. PARKER PRIZE

(1980) Funded by the family and friends in memory of Sanford S. Parker, CC'37. Awarded to a Columbia College senior going on to graduate study in economics who shows promise of doing original work and has already demonstrated boldness of thought and a commitment to excellence, whose interests are wide, heart kind, and spirit generous.

ROMINE PRIZE

(1996) Established by John Romine in honor of his brother, David Estabrook Romine. Awarded to two undergraduate students who have done exemplary work in the field of economics.

GRANT SQUIRES PRIZE IN SOCIOLOGY

Established by Grant Squires (Class of 1885) and awarded annually to a senior, majoring in sociology, in recognition of an outstanding and innovative scholarship representing original investigation of a sociological character or a significant use of sociological knowledge for the public good.

CAROLINE PHELPS STOKES PRIZE

(1910) Established at the bequest of Caroline Phelps Stokes. Awarded to a student who has been a degree candidate for at least one academic year at Columbia College or Barnard College, and who has written the best essay on any topic concerning the rights of man. The topic to be selected in

connection with course or seminar work and approved by the Stokes Prize Committee.

ALAN J. WILLEN MEMORIAL PRIZE

(1968) Established by classmates and friends of Alan J. Willen, CC'64, in his memory. Awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem. The selection is made jointly by representatives of the Departments of History and Political Science.

MYRA KRAFT PRIZE FOR SUPERIOR ACADEMIC ACHIEVEMENT IN THE STUDY OF HUMAN RIGHTS

(2013) Established to honor the memory of Myra Kraft, beloved wife of Robert Kraft, CC'63 and Trustee Emeritus, this prize is awarded to the Columbia College student majoring in Human Rights who has the highest grade point average and a superior record of academic achievement in Human Rights.

PRIZES IN THE NATURAL AND PHYSICAL SCIENCES

RICHARD BERSOHN PRIZE

(2009) Established by Professor Louis Brus, who was a student of Professor Bersohn, this prize may be awarded to the Columbia College, General Studies, or SEAS student majoring in the chemical sciences who is deemed by the faculty to have demonstrated outstanding achievement as a scholar and as a researcher.

THE BRIDGES AND STURTEVANT PRIZE IN BIOLOGICAL SCIENCES

(2012) Established in honor of Calvin Bridges and Alfred Sturtevant whose pioneering studies as Columbia College undergraduates—using the fruit fly *Drosophila melanogaster* in Thomas Hunt Morgan's laboratory—laid the basis for our understanding of genes and the way they behave. The prize may be awarded annually to a graduating senior whose experimental or computational research is deemed by the faculty to have been both highly original and fruitful.

COMPUTER SCIENCE DEPARTMENT AWARD

Awarded to a degree candidate for scholastic achievements as a computer science major and as acknowledgment of his or her contributions to the Department of Computer Science and to the University as a whole.

THOMAS J. KATZ PRIZE

(2009) Established by friends and colleagues of Professor Katz, this prize may be awarded to the Columbia College, General Studies, or SEAS student majoring in the chemical sciences who is deemed by the faculty to have demonstrated outstanding achievement as a scholar and as a researcher.

ALFRED MORITZ MICHAELIS PRIZE

(1926) Established by Mrs. Jeanette Michaelis in memory of her son, Alfred Moritz Michaelis, CC 1920. Awarded to the member of the graduating class who has completed with the most proficiency the sequence of courses in physics that corresponds

most nearly to the sequence given by the late Professor George V. Wendell.

RUSSELL C. MILLS AWARD

(1992) Established in memory of Russell C. Mills, a Ph.D. candidate in Computer Science who exemplified academic excellence and intellectual curiosity, and presented annually to the senior in Computer Science whose course work and projects stand out as the best in the class.

PROFESSOR VAN AMRINGE MATHEMATICAL PRIZE

(1910) Established by George G. DeWitt, CC 1867. Awarded to three College students (a first-year, a sophomore, and a junior) who are deemed most proficient in the mathematical subjects designated during the year of the award.

JOHN DASH VAN BUREN, JR. PRIZE IN MATHEMATICS

(1906) Established by Mrs. Louise T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., CC 1905. Awarded to the degree candidate who writes the best examination on subjects prescribed by the Department of Mathematics.

PRIZES IN THE CREATIVE AND PERFORMING ARTS

ACADEMY OF AMERICAN POETS POETRY PRIZE

(1956) Awarded by the Academy to the poet who has written the best poem or group of poems submitted during the academic year. Manuscripts should normally be submitted to the Department of English and Comparative Literature before April 1.

SEYMOUR BRICK MEMORIAL PRIZE

(1969) Established by Mrs. Seymour Brick and her son, Richard, in honor of their husband and father, Seymour Brick, CC'34. Awarded to the Columbia College student who submits the best one-act or full-length play as judged by the Department of English and Comparative Literature.

KAREN OSNEY BROWNSTEIN WRITING PRIZE

(1991) Established by Neill H. Brownstein, CC'66, in memory of Karen Osney Brownstein. Awarded to a graduating senior in Columbia College who has written a single piece or a body of work so distinguished in its originality of concept and excellence of execution that it fairly demands the award, support, and recognition the prize intends.

GEORGE WILLIAM CURTIS PRIZE

(1902) Established by the late Samuel Putnam Avery, CC 1896, an associate of George William Curtis. Awarded to students in the College for excellence in the public delivery of English orations.

ARTHUR E. FORD POETRY PRIZE

(1980) Established by Mrs. Doris Ford in memory of Arthur E. Ford. Awarded annually to the senior who submits the best collection of poems.

ROBERT W. GOLDSBY FUND

(2019) Awarded to the Columbia College student who demonstrates excellence in the dramatic arts.

PHILOLEXIAN CENTENNIAL WASHINGTON PRIZE

(1902) Gift of J. Ackerman Coles, CC 1864. Awarded once every four years to the student in the college who shall be deemed most worthy, upon delivery of an original address on a subject concerning public affairs.

PHILOLEXIAN PRIZE FUND

(1904) A gift of the Philolexian Society, the income from which shall be used for prizes in Columbia College for debating, essays, short stories, and poetry.

AUSTIN E. QUIGLEY PRIZE

(2010) The Austin E. Quigley prize for outstanding artistic and intellectual achievement may be awarded to a Columbia College senior majoring in Drama and Theatre Arts. Named in honor of Columbia College's dean from 1995-2009, the prize is funded by Nobel Laureate Richard Axel, CC'67 and University Professor of Biochemistry and Molecular Biophysics.

THE LOUIS SUDLER PRIZE IN THE ARTS

(1983) Awarded annually to a senior who, in the opinion of the Faculty, has demonstrated excellence of the highest standards of proficiency in performance or execution or in the field of composition in one of the following general areas of performing and creative arts: music, theatre, painting, sculpture, design, architecture, film or dance.

VAN RENSSELAER PRIZE

(1926) Gift of Maximilian Foster. Awarded to the candidate for a degree in Columbia University who is the author of the best example of English lyric verse. Material must be submitted to the Department of English and Comparative Literature by April 1.

GEORGE EDWARD WOODBERRY PRIZE

(1935) Established by the Woodberry Society of New York. Awarded every second year to an undergraduate student in Columbia University for the best original poem.

FELLOWSHIPS FOR GRADUATE STUDY**HARRY J. CARMAN FELLOWSHIP**

(1949) Established from the gifts of former friends and students of Dean Carman. Awarded to no more than two graduating seniors for advanced study.

JARVIS AND CONSTANCE DOCTOROW FELLOWSHIP

(2005) Established by the Jarvis and Constance Doctorow Foundation. Awarded to a graduating senior, this fellowship provides a stipend for one year of graduate study at St. Edmund Hall, Oxford.

HENRY EVANS TRAVELLING FELLOWSHIP

(1928) Gift of Mrs. Henry Evans in memory of her husband, Henry Evans, CC 1881. Awarded to a graduating senior, with preference given to the student planning to undertake a research project of a creative nature that requires travel rather than formal graduate study.

HOLTHUSEN-SCHINDLER ENDOWMENT FUND

(2000) Established as a bequest from the estate of Lenore S. Holthusen, the widow of Hen Holthusen, LAW 1917, to provide financial support in the form of scholarships to worthy graduates of Columbia College who continue their education at the Law School of Columbia University.

EURETTA J. KELLETT FELLOWSHIPS

(1932) Established at the bequest of Eurette Jane Schlegel. Awarded annually and for two consecutive years to two graduating seniors of the College who have shown exceptional proficiency in the study of the liberal arts, for study at Oxford or Cambridge University.

SPECIAL UNDERGRADUATE FELLOWSHIPS**COLUMBIA SCIENCE SCHOLARSHIP**

(2018) Columbia College provides funding to support outstanding undergraduate sophomores majoring in biology, chemistry, chemical physics, biophysics, or neuroscience and behavior. Columbia Science Scholars, selected by a faculty committee, will engage in summer undergraduate research in one of the labs of the Columbia Science Scholars faculty.

BEESEN GLOBAL EXPERIENCE TRAVEL/RESEARCH FELLOWSHIPS

Established to provide opportunities for non-native French undergraduate students of Columbia and Barnard to study or research in Paris during the summer, each fellowship provides monetary support to fellows to defray travel and living expenses. The fellowship's intent is to give Columbia University students the opportunity to pursue intellectual goals, gain valuable research and study experience, learn French in Paris, and engage with the Parisian community.

THE CLASS OF 1939 SUMMER RESEARCH FELLOWSHIP

(1989) Established by the Class of 1939 in honor of the fiftieth anniversary of its graduation. Awarded to students in their sophomore or junior year to pursue independent research or to work in on-going laboratory projects over the summer.

HARVEY KRUEGER GLOBAL EXPERIENCE FELLOWSHIP

Established to encourage Columbia College students to engage in study abroad or independent research projects in Israel or Poland, each fellowship provides funds for students to pursue research, participate in study abroad programs, or qualify as assistants in on-going laboratory projects over the summer at a location of their choosing in Israel or Poland. The fellowship's intent is to give CC students the opportunity to pursue intellectual goals and gain valuable international experience.

HERBERT DERESIEWICZ SUMMER RESEARCH FELLOWSHIP

(2011) Established in memory of Professor Herbert Deresiewicz, a long time SEAS faculty member and department chairman who held a deep and abiding love for undergraduate teaching, the Herbert Deresiewicz Summer Research Fellowship provides support for a Columbia College or SEAS student who is a U.S. citizen or permanent resident, and whose interest in science

has been kindled by his or her experiences at Columbia. The recipient, selected by a faculty committee, will engage in full-time laboratory research on the Morningside Heights campus in one of the following Columbia University academic departments: Biological Sciences, Biomedical Engineering, Chemistry, or Chemical Engineering.

INTERNATIONAL AFFAIRS FELLOWSHIP FUND

(2019) Funding for Political Science majors proposing summer research focusing on International Relations, Human Rights, or Regional Studies.

SOLOMON AND SEYMOUR FISHER CIVIL LIBERTIES FELLOWSHIP

(1989) Gift of Solomon Fisher, CC'36, and Seymour Fisher, CC'45. Awarded annually to a Columbia College student to work during the summer in the Legal Department of the American Civil Liberties Union National Office in New York City.

KLUGE FELLOWS SUMMER RESEARCH GRANT

(1988) Endowment gift of John Kluge, CC'37. Administered by the Columbia University Scholars Program (CUSP) Summer Enhancement Fellowships (<https://www.cc-seas.columbia.edu/scholars/fellowships/>), grants are awarded competitively to students from underrepresented groups to pursue an independent research project during the summer under the sponsorship of a faculty member. The application process includes a series of seminars and workshops.

RICHARD LEWIS KOHN TRAVELLING FELLOWSHIP

(1959) Established from gifts of various donors. Awarded annually to a well-qualified student to supplement work in the College with study during the junior year in Great Britain, preferably at the University of London. First consideration is given to students majoring or concentrating in political science or economics.

MYRA KRAFT PRIZE FOR EXCEPTIONAL PRACTICAL EXPERIENCE IN HUMAN RIGHTS ADVOCACY

(2013) Established to honor the memory of Myra Kraft, beloved wife of Robert Kraft, CC'63 and Trustee Emeritus, this prize is awarded to the rising Columbia College senior majoring in Human Rights who submits the best proposal for a summer or one-term human rights internship.

NICHOLAS LUBAR AND FAMILY PRIZE

(2019) Funding to pursue summer research in the field of Latin American politics or policy-making.

MELLON MAYS UNDERGRADUATE FELLOWSHIP

(1996) Awarded in the spring semester of the sophomore year to minority students, and other undergraduates with a demonstrated commitment to racial diversity, who wish to pursue a Ph.D. and whose intellectual and social commitments embody those of the late Dr. Benjamin Mays. The Fellowship provides a two-year academic enhancement program funded by the Andrew W. Mellon foundation.

NOBUHISA AND MARCIA ISHIZUKA GLOBAL FELLOWSHIP IN EAST ASIAN STUDIES

Provides funding for one Columbia College each year for an international experience studying Japanese language and culture, or other East Asian languages and cultures. The fellowship's intent is to promote students' study and research activities in Japan

PRESIDENTIAL GLOBAL FELLOWSHIP

Funded by a grant from President Lee C. Bollinger, the Presidential Global Fellowship offers first-year undergraduates (CC, SEAS, GS) who are seeking to develop a strong global foundation and a deeper understanding of the world around them with a unique opportunity to enrich their Columbia education beginning in the summer after their first year. The Fellowship provides funding for participation on a Columbia summer study abroad program to a highly select group of intellectually curious students who are able to imagine how an overseas experience can influence their examination of critical issues and who are committed to finding meaningful ways to engage a broad range of global topics throughout their undergraduate career.

SANFORD S. PARKER PRIZE SUMMER FELLOWSHIPS

(1980) Funded by the family and friends of Sanford S. Parker, CC'37. Awarded to Columbia College juniors in order to conduct summer research projects. Recipients will show promise of doing original work, and demonstrate boldness of thought and a commitment to excellence.

RICHARD AND BROOKE KAMIN RAPAPORT SUMMER MUSIC PERFORMANCE FELLOWSHIP

(1993) Gift of Richard A. Rapaport, CC'69, and Brooke Kamin Rapaport, to create a summer opportunity for continuing Columbia College students who are particularly gifted in musical performance, composition, or conducting.

EDWIN ROBBINS ACADEMIC RESEARCH AND PUBLIC SERVICE FELLOWSHIP

(1991) Established by Edwin Robbins, CC'53. A stipend awarded each summer to four Columbia College students majoring in political science or history who intend to conduct research into important political or policy making matters, or who will be working as interns, without compensation, in a governmental office, agency, or other public service organization.

ARTHUR ROSE TEACHING ASSISTANTSHIP

(1958) Gift of Mr. and Mrs. Bennett Rose in memory of their son, Arthur Rose. Awarded to a senior in the College who is to assist the work of a member of the faculty in one of the departments that contribute to the courses in Contemporary Civilization and the Humanities.

THE PHYLLIS STEVENS SHARP FELLOWSHIP IN AMERICAN POLITICS

(2005) Established in 2005, the Phyllis Stevens Sharp Endowment Fund provides stipends to Political Science students to support research in American politics or policy making or otherwise uncompensated internships in a government office, agency, or other organization serving the public.

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP

Offered to a select group of motivated undergraduate students who will benefit from the opportunity 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 fulltime research.

RICHMOND B. WILLIAMS TRAVELLING FELLOWSHIP

(1988) Established at the bequest of Richmond B. Williams, CC'25. Awarded to a Columbia College junior English major for a summer research project requiring foreign travel. The recipient of the fellowship must register for an independent research course in the fall to write up the results of the summer's work.

YATRAKIS SUMMER RESEARCH FELLOWSHIP

(2019) Funding for students wishing to pursue summer research in Urban Studies.

SPECIAL ENDOWMENTS

CLASS OF 1954 URBAN NEW YORK PROGRAM ENDOWMENT

(1981) The Urban New York Program is sponsored by Barnard College, Columbia College, and The Fu Foundation School of Engineering and Applied Science and has been endowed by the Class of 1954. The program enables students and faculty to jointly experience cultural events in New York City twice during the academic year.

ARNOLD I. KISCH, M.D., AND VICTORIA L. J. DAUBERT, PH.D., ENDOWMENT

(1993) Created for students to experience opera in New York City within the Urban New York Program.

STANDARDS AND DISCIPLINE

As members of the Columbia University community, all Columbia College students are expected to uphold the highest standards of integrity, civility, and respect. Students are therefore expected to conduct themselves in an honest, civil, and respectful manner in all aspects of their lives. Students who violate these standards of behavior interfere with their ability, and the ability of others, to take advantage of the full complement of University life, and are subject to Dean's Discipline.

The continuance of each student upon the rolls of the University, the receipt of academic credits, graduation, and the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the University. Although ultimate authority on matters of students' discipline is vested in the Trustees of the University, the Dean of Columbia College and his staff are given responsibility for establishing standards of behavior for Columbia College students beyond the regulations included in the Statutes of the University and for defining procedures by which discipline will be administered.

A full list of behavioral and academic violations can be found through Student Conduct and Community Standards (<http://studentconduct.columbia.edu/>).

BEHAVIORAL VIOLATIONS

Behavioral violations of University policy have been identified for the purposes of maintaining a safe and healthy educational environment. Prohibited conduct includes, but is not limited to, the following:

- Access/Egress, Unauthorized
- Alcohol, Prohibited use of
- Collusion
- Columbia University Identification Card, Prohibited use of
- Columbia Identity (or affiliated organizations), Unauthorized use of
- Copying and/or Distribution, Unauthorized
- Disruptive Behavior
- Endangerment
- Failure to Comply
- Falsification
- Federal, State or Local laws, Violation of
- Fire Safety Policies, Violation of
- Harassment
- Hazing
- Illegal Drugs Policy, Violation of
- Information Technologies Policies, Violation of
- Retaliation

- Smoking Policy, Violation of University
- Surveillance/Photography, Unauthorized
- Theft
- University Policies, Violation of
- Vandalism/Damage to Property
- Weapons

ACADEMIC INTEGRITY

Academic integrity defines an intellectual community and its educational mission. As members of such a community, Columbia College students are expected to honor intellectual work and respect its origins. A Columbia College education has two complementary elements: the intellectual development of bodies of knowledge and habits of mind and the overall development of moral character and personal ethics.

Engaging in violations of academic integrity severely inhibits a student's opportunity to mature academically, professionally, and socially. Consequently, a violation of academic integrity is one of the most serious offenses a student can commit at 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

DEAN'S DISCIPLINE OVERVIEW

It is expected that all students act in an honest way and respect the rights of others at all times. Dean's Discipline is the process utilized by Columbia College to investigate and respond to allegations of behavioral or academic misconduct. The Dean's Discipline process aims to educate students about the impact their behavior may have on their own lives as well as on the greater community and, as a result, is not meant to be an adversarial or legal process.

The process is initiated when an allegation is reported that a student has violated Columbia College or University policies. Students may be subject to Dean's Discipline for any activity that occurs on or off campus that impinges on the rights of other

students and community members. This also includes violations of local, State, or Federal laws.

Student Conduct and Community Standards (<http://studentconduct.columbia.edu/>) is responsible for all disciplinary affairs concerning Columbia College students that are not reserved to some other body.

Columbia College students are expected to familiarize themselves with *Standards and Discipline* and the comprehensive list of policies and expectations available on the Student Conduct and Community Standards (<http://studentconduct.columbia.edu/>) website.

COLUMBIA UNIVERSITY POLICIES

Since policies and procedures are subject to change, please check the Columbia University website (<http://www.columbia.edu/>) for the most current information.

RESERVATION OF UNIVERSITY RIGHTS

This Bulletin is intended for the guidance of persons applying for or considering application for admission to Columbia College of Columbia University and for the guidance of Columbia students and faculty.

In general, the Bulletin sets forth the manner in which the University intends to proceed with respect to the matters set forth herein, but the University reserves the right to depart without notice from the terms of this Bulletin. The Bulletin is not intended to be, and should not be, regarded as a contract between the University and any student or other person.

Valuable information to help students, faculty, and staff understand some of the policies and regulations of the University can now be found in Essential Policies for the Columbia Community (<http://www.essential-policies.columbia.edu/>), which includes information on the following:

- Policy on Access to Student Records under the Federal Family Educational Rights and Privacy Act (FERPA) of 1974, as Amended
- Social Security Number Reporting
- University Regulations (Including Rules of University Conduct)
- Student Email Communication Policy
- Information Technology Policies
- International Travel Planning Policy
- Policies on Alcohol and Drugs
- Policies and Procedures on Nondiscrimination and Harassment
- Gender-Based Misconduct Policies for Students
- Protection of Minors
- Non-Retaliation Policy
- University Event Policies
- Policy on Partisan Political Activity
- Crime Definitions in Accordance with the Federal Bureau of Investigation's Uniform Crime Reporting Program
- 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
- Military Leave of Absence Policy
- Essential Resources:
 - Campus Safety and Security
 - Disability Services
 - Ombuds Office
 - Transcripts and Certifications
- Central Administration of the University's Academic Programs
- Consumer Information
- Additional Policy Sources for the Columbia Community

IMMUNIZATION REQUIREMENTS Measles, Mumps, and Rubella (MMR)

New York State Public Health Law 2165 and Columbia University policy requires that all students provide documentation of immunization for measles, mumps, and rubella (MMR) before registering for classes in their first term of study. For all accepted types of documentation, visit <https://health.columbia.edu/content/immunization-requirements> (<https://health.columbia.edu/content/immunization-requirements/>).

Documentation of immunity (Columbia University MMR form or comparable) must be completed and submitted to the Columbia Health Immunization Compliance Office (<https://health.columbia.edu/content/immunization-requirements/>) upon acceptance to a program of study at Columbia, and no later than 30 days before the registration of classes (see the specific term deadline listed on the Academic Calendar (<http://bulletin.columbia.edu/columbia-college/academic-calendar/>) in this Bulletin). Columbia cannot expedite processing of forms. As such, any delays in submitting will result in registration delays.

Immunization documentation and health forms can be submitted via direct upload on secure.health.columbia.edu (<https://secure.health.columbia.edu/>); in-person or mail to Immunization Compliance Office, John Jay Hall 3rd Floor, MC 3601, 519 W. 114th St., New York, NY 10027; or faxed to 212-854-5078. While the Immunization Compliance Office accepts documentation via email, it is not recommended as Columbia University cannot guarantee that the information and records submitted via unencrypted email will not be intercepted and read by other parties besides the University.

Students that have paid the Columbia Health and Related Services Fee may obtain the blood test and MMR immunizations from Columbia Health (<https://health.columbia.edu/content/medical-services/>) Medical Services.

For information about these requirements visit the Columbia Health Insurance and Immunization Compliance website (<http://health.columbia.edu/insurance-and->

immunization-compliance-offices/), 212-854-7210, or email immunizationcompliance@columbia.edu.

Meningococcal Meningitis Decision

New York State Public Health Law 2167 and Columbia University Policy requires that students receive information from their institutions about meningococcal meningitis and the vaccine that protects against most strains of the disease that can occur on university campuses.

Columbia students must make an informed decision about being vaccinated and certify their decision online (<https://ssol.columbia.edu/ssv/crt/menIntro.html>). Full instructions are given online, and the process takes two to three minutes to complete. Students must formally indicate their decision about being vaccinated before they are permitted to register for classes.

Immunizations Recommendations

Columbia Health (<http://health.columbia.edu/>) 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 (<http://health.columbia.edu/>) Medical Services.

Students who have paid the Columbia Health and Related Services Fee are not charged for the following vaccines when administered at Columbia Health Medical Services:

1. Measles, Mumps and Rubella (MMR);
2. Hepatitis A;
3. Hepatitis B;
4. Hepatitis Combination A and B;
5. Influenza;
6. Meningococcal Meningitis;
7. Pneumococcal (if clinically indicated);
8. Tetanus-Diphtheria;
9. Tetanus-Diphtheria-Pertussis;
10. Varicella

For all other vaccinations, students are charged for the cost of the vaccine. Vaccinations are available to students who have not paid the Columbia Health & Related Services Fee for a minimal cost.

For more information, visit the Columbia Health website (<http://health.columbia.edu/getting-care/service-fees/>) or email immunizationcompliance@columbia.edu.

UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

Effective February 2017

All matriculated undergraduates participating in Columbia-Led, Columbia-Facilitated and/or Recognized international travel **will be required to obtain School Sponsorship** at least 4 weeks prior to departure.

Application for School Sponsorship is comprised of the following steps. All steps must be completed prior to travel departure:

1. Complete and Submit a **School Sponsorship Request Form** - including all travel destinations and side trips while abroad.
2. Complete **Pre-Departure Orientation**.
3. Abide by all University requirements, including:
 - a. Register all travel with the University's international travel assistance services – International SOS (ISOS).
 - b. Maintain a health insurance policy that will also provide coverage outside the U.S. for routine, urgent, and emergent care (such as the Columbia Student Health Insurance Plan).
4. Complete the **Assumption of Risk, Waiver and Release Form**, which must be signed by the undergraduate.
5. Complete or adhere to any additional safety protocol measures recommended by the Undergraduate Travel Review Committee.

Undergraduates are expected to begin the application for School Sponsorship **as soon as an opportunity that would require international travel has been secured, and submit a completed application no later than 4 weeks prior to departure.**

Once School Sponsorship is approved and issued, undergraduates may continue their work with a sponsoring unit/program to begin/continue their preparation for a specific Columbia-Led, Columbia-Facilitated and/or Recognized travel program.

Undergraduates are required to immediately notify the Undergraduate Travel Review Committee should any changes to their location occur during the duration of their travel so their School Sponsorship file may be updated.

The undergraduate schools reserve the right to revoke sponsorship, support and funding if any step of the School Sponsorship process is not completed or acknowledged prior to departure and/or if the Undergraduate Travel Review Committee determines after review that the travel would be imprudent, based on assessment of the risk variables involved and/or the particular facts of the application. The purchase of travel protection insurance is strongly recommended to potentially mitigate financial loss in case of trip cancellation or interruption.

If a country or region is placed on the medium, high, or extreme risk list during travel, the Undergraduate Travel Review Committee will assess the risks of remaining in or departure from the country or region. Undergraduates will be advised of the risks and, if necessary, provided a recommended course of action. The undergraduate schools reserve the right to revoke sponsorship, support and funding should the undergraduate not follow the recommendations of the Undergraduate Travel Review Committee.

Link to the full policy: <https://www.cc-seas.columbia.edu/travelpolicy/policy> (<https://www.cc-seas.columbia.edu/travelpolicy/policy/>).

RELIGIOUS HOLIDAYS

It is the policy of the University to respect its members' religious beliefs. In compliance with New York State law, each student who is absent from school because of his or her religious beliefs will be given an equivalent opportunity to register for classes or make up any examination, study, or work requirements that he or she may have missed because of such absence on any particular day or days.

No student will be penalized for absence due to religious beliefs, and alternative means will be sought for satisfying the academic requirements involved.

Officers of Administration and of Instruction responsible for scheduling of academic activities or essential services are expected to avoid conflict with religious holidays as much as possible. If a suitable arrangement cannot be worked out between the student and the instructor involved, they should consult the appropriate dean or director. If an additional appeal is needed, it may be taken to the Provost.

GRADUATION

The B.A. degree is awarded three times during the year: in February, May, and October. There is one University Commencement ceremony in May (see *Academic Calendar*).

Application or Renewal of Application for the Degree

The Application for the Degree is available on the Registrar's website. Students may complete the degree application form (http://registrar.columbia.edu/sites/default/files/content/degree-app-updated_nov-2015.pdf) electronically and submit it to diplomas@columbia.edu. Alternative instructions for submitting the application for the degree are on the form itself.

General deadlines for applying for graduation are September 1 for October degrees; November 1 for February degrees; and December 1 for May degrees. When a deadline falls on a weekend or holiday, the deadline moves to the next business day. Students who fail to earn the degree by the conferral date for which they applied must file another application for a later conferral date.

Diplomas

There is no charge for the preparation and conferral of an original diploma. Students' names will be printed exactly as they appear on their transcript. Students are advised to check their transcript, and if errors are found, they may email the Office of the University Registrar at registrar@columbia.edu.

If students wish to change their name, they must submit the Name Change Affidavit (<http://registrar.columbia.edu/content/name-change-affidavit/>). The affidavit must be notarized and filed by the application deadline.

If a graduate's Columbia diploma is lost or damaged, there will be a charge of \$100 for a replacement diploma. Note that replacement diplomas carry the signatures of current University officials. Applications for replacement diplomas are available through the Office of the University Registrar (<http://registrar.columbia.edu/registrar-forms/application-replacement-diploma/>).

Additional Information:

- Application for Degree or Certificate — University Registrar (<http://www.columbia.edu/cu/registrar/docs/forms/app-for-deg-or-cert.html>)
- Graduation and Diplomas — University Registrar (<http://registrar.columbia.edu/students/graduation-and-diplomas/>)
- Commencement Week (<http://www.columbia.edu/cu/ceremonies/commencement/>)
- GradZone (<https://www.cc-seas.columbia.edu/gradzone/>)

POLICY ON ACADEMIC CONCERNS, COMPLAINTS, AND GRIEVANCES

Columbia University is committed to fostering intellectual inquiry in a climate of academic freedom and integrity. Its members, students, and faculty alike, are expected to uphold these principles and exhibit tolerance and respect for others. The following procedures are part of a process to ensure that student concerns about experiences in the classroom or with faculty are addressed in an informed and appropriate manner.

This policy is meant to address any potential concerns about a faculty member's professional conduct and behavior toward students in the classroom or in other instructional settings. Potential concerns about grades awarded by a faculty member are covered by a separate policy, which can be found on the College's website under "Academics".

When a student believes that a faculty member has failed to meet his or her obligations in an instructional setting, the student has two principal sources of immediate assistance: the University's Ombuds Office (<http://ombuds.columbia.edu/>) and the professional staff of the school in which the student is enrolled.

The Ombuds Office (<http://ombuds.columbia.edu/>) is available to help students find solutions to a wide range of problems arising in the context of their association with the University, including those which involve faculty misconduct in an instructional setting. Students may wish to consult with the Ombuds Office (<http://ombuds.columbia.edu/>) before taking their concerns to the school, or they may wish to consult with the Ombuds Office (<http://ombuds.columbia.edu/>) at any time in the course of their discussions with school officials or, eventually, with members of the Vice President's Grievance Committee.

Like the Ombuds Office (<http://ombuds.columbia.edu/>), Columbia College has a professional staff ready to help students with concerns and complaints of many kinds, including those

which involve faculty misconduct in an instructional setting. The staff works with students and faculty to resolve such issues, but should resolution not be possible, the student may avail herself or himself of the school's grievance procedures. Experience has shown that most student concerns are best resolved in a collaborative way at the school level, starting with the student's advising dean. Columbia College students can learn more about how to initiate a concern, complaint, or grievance on the Columbia College website (<http://www.college.columbia.edu/academics/complaints/>).

If the instructor at issue is a member of the Arts and Sciences faculty, the student may also consult grievance procedures available through the office of the Vice President for Arts and Sciences. These grievance procedures are intended to complement, not substitute for, the procedures available in each of the schools, and they treat a considerably more limited range of issues. They are designed to address only those cases involving professional misconduct by a faculty member of Arts and Sciences in an instructional setting in which there were significant irregularities or errors in applying school procedures (and do not include questions about grades awarded by a faculty member, which are handled through the academic departments and the relevant schools). Information on this process can be found on the Faculty of the Arts and Sciences website (<http://fas.columbia.edu/faculty-resources/student-grievance-policy/>).

If the instructor at issue is not a member of the Arts and Sciences faculty, the student should consult the instructor's particular school for its procedures.

Time Frame for Proceedings

A student should ordinarily bring any concern or complaint within 30 days of the end of the term in which the offending conduct occurred or by the beginning of the following term. The school process will ordinarily take 30 days.

Confidentiality

At every level, those involved recognize and respect a student's need for confidentiality when addressing certain kinds of concerns. If the student wishes complete confidentiality, concerns may be raised with the University's Ombuds Office, a neutral office that can receive complaints of any kind for the University and that offers a range of options and communication channels. Students, however, must be aware that the Ombuds Office (<http://ombuds.columbia.edu/>) has no authority to adjudicate a complaint; it is there as a confidential resource to students, faculty, and administrators to advise on various avenues of redress and to mediate disputes, if both parties agree.

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 (<http://eoaa.columbia.edu/>)
103 Low Library
212-854-5511

Department of Education

Office for Civil Rights (New York Office)
OCR.NewYork@ed.gov

646-428-3800

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.

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 (<http://eoaa.columbia.edu/>) or the Gender-Based Misconduct Office (<http://sexualrespect.columbia.edu/gender-based-misconduct-policy-students/>) within Student Conduct and Community Standards. For additional information on these issues, policies, and resources, please visit the Sexual Respect website (<https://titleix.columbia.edu>).

Complaints against students for gender-based misconduct are processed in accord with the (<http://sexualrespect.columbia.edu/gender-based-misconduct-policy-students/>) Gender-Based Misconduct Policies for Students (<http://studentconduct.columbia.edu/gbm.html>). (<http://sexualrespect.columbia.edu/gender-based-misconduct-policy-students/>) Students who attend Barnard College and Teachers College as well as Columbia University are covered by these policies. The use of the term “gender-based misconduct” includes sexual assault, sexual harassment, gender-based harassment, stalking, and intimate partner violence. Columbia University’s Sexual Respect Online (<http://www.sexualrespect.columbia.edu/>) provides additional information and resources for students, faculty, and staff.

Complaints against students for other forms of discrimination and harassment are processed in accord with the Student Policies and Procedures on Discrimination and Harassment (http://eoaa.columbia.edu/files/eoaa/content/student_policies_procedures_discrim_harass_final_april_2013.pdf) and should be filed with the Dean of Students of the school in which the accused student is enrolled.

Complaints against employees and third parties affiliated with the University for discrimination and harassment are processed in accord with the Employee Policies and Procedures on Discrimination, Harassment, Sexual Assault, Domestic Violence, and Stalking. (<http://eoaa.columbia.edu/eoaa-policies-and-procedures/>) (<http://www.essential-policies.columbia.edu/policies-and-procedures-discrimination-and-harassment/>) 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 (https://eoaa.columbia.edu/sites/default/files/content/docs/Undergraduate_Relationship_Policy_FINAL.pdf) states that or staff member shall initiate or accept sexual or romantic advances of engage in a romantic or sexual relationship with any undergraduate student enrolled in Columbia College, the Fu Foundation School of Engineering and Applied Science, the School of General Studies, or Barnard College or other affiliate of Columbia, regardless of whether the faculty member has a supervisory role over the student.

For further information and assistance, contact:

Office of Equal Opportunity and Affirmative Action

2690 Broadway
103 Low Library
eoaa.columbia.edu (<http://eoaa.columbia.edu/>)
212-854-5511

Title IX Coordinator/Section 504 Officer for Columbia University

Office of Equal Opportunity and Affirmative Action
2690 Broadway
103 Low Library
eoaa.columbia.edu (<http://eoaa.columbia.edu/>)
212-854-5511

Gender-Based Misconduct Office

612 West 115th St.
Watson Hall
8th Flr.
sexualrespect.columbia.edu/gender-based-misconduct-policy-students (<http://sexualrespect.columbia.edu/gender-based-misconduct-policy-students/>)
212-854-1717

Additional Resources

Columbia offers a number of confidential resources to students who believe they were subjected to discrimination, harassment or gender-based or sexual misconduct and who do not wish to report to the University:

Sexual Violence Response and Rape Crisis/Anti-Violence Support Center (Confidential)

24/7/365 Helpline

health.columbia.edu/svr (<https://health.columbia.edu/content/sexual-violence-response/>)

212-854-HELP (4357)

Medical Services (Confidential)health.columbia.edu/emergency (<https://health.columbia.edu/emergency/>)

212-854-7426

Counseling and Psychological Services

2920 Broadway

Lerner Hall, 8th Fl.

health.columbia.edu/cps (<https://health.columbia.edu/content/counseling-and-psychological-services/>)

(212) 854-2878

Ombuds Office

2920 Broadway

710 Lerner Hall

ombuds.columbia.edu (<http://ombuds.columbia.edu/>)

212-854-1493

Office of the University Chaplain

1200 Amsterdam Ave.

660 Schermerhorn Extension

ouc.columbia.edu (<http://ouc.columbia.edu/>)

212-854-1234

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.

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- American Studies (p. 166)
- Ancient Studies (p. 169)
- Anthropology (p. 171)
- Archaeology (p. 182)
- Architecture (p. 184)

- Art History and Archaeology (p. 188)
- Astronomy (p. 198)
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- Business (p. 234)
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- Colloquia, Interdepartmental Seminars, and Professional School Offerings (p. 268)
- Comparative Literature and Society (p. 271)
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- Ecology, Evolution, and Environmental Biology (p. 371)
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- History and Philosophy of Science (p. 511)
- Human Rights (p. 514)
- Italian (p. 521)
- Jazz Studies (p. 531)
- Jewish Studies (p. 533)
- Language Resource Center (p. 535)
- Latin American and Caribbean Studies (p. 545)
- Latin American and Iberian Cultures (p. 548)
- Linguistics (p. 573)
- Mathematics (p. 579)
- Medieval and Renaissance Studies (p. 591)
- Middle Eastern, South Asian, and African Studies (p. 592)
- Music (p. 612)
- Philosophy (p. 647)
- Physical Education and Intercollegiate Athletics (p. 655)
- Physics (p. 666)
- Political Science (p. 676)
- Psychology (p. 695)
- Public Health (<http://bulletin.columbia.edu/columbia-college/departments-instruction/public-health/>)
- Regional Studies (p. 712)
- Religion (p. 713)
- Slavic Languages (p. 737)
- Sociology (p. 753)

- Statistics (p. 762)
- Sustainable Development (p. 773)
- Urban Studies (p. 783)
- Visual Arts (p. 787)
- Women's and Gender Studies (p. 795)

AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

African American and African Diaspora Studies: 758 Schermerhorn Extension; 212-854-7080; <https://afamstudies.columbia.edu/>

Institute for Research in African-American Studies: 758 Schermerhorn Extension; 212-854-7080; <http://iraas.columbia.edu/>

Chair, African American and African Diaspora Studies: Prof. Farah J. Griffin; 758 Schermerhorn Extension; 212-854-7080; fjg8@columbia.edu

Director of Undergraduate Studies: Prof. Kevin Fellezs; 816A Dodge; 212-854-6689; kf2362@columbia.edu

Assistant Director: Shawn Mendoza; 758 Schermerhorn Extension; 212-854-8789; sm322@columbia.edu

Administrative Assistant: Sharon Harris; 758 Schermerhorn Extension; 212-854-7080; sh2004@columbia.edu

The Institute for Research in African-American Studies was established at Columbia in 1993, expanding the University's commitment to this field of study. The African-American studies curriculum explores the historical, cultural, social, and intellectual contours of the development of people of African descent. The curriculum enables students to master the basic foundations of interdisciplinary knowledge in the humanities and social sciences in the black American, Caribbean, and sub-Saharan experience.

Courses examine the cultural character of the African diaspora; its social institutions and political movements; its diversity in thought, belief systems, and spiritual expressions; and the factors behind the continuing burden of racial inequality. During their junior and senior years of study, students focus their research within a specific discipline or regional study relevant to the African diaspora.

Students should consider a major in African American 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

Robert Gooding-Williams (Philosophy)
Steven Gregory (Anthropology)
Farah J. Griffin (English and Comparative Literature)
Frank Guridy (History)
Samuel K. Roberts (History)
Josef Sorett (Religion)
Sudhir A. Venkatesh (Sociology)

JUNIOR FACULTY

Kevin Fellezs (Music)

RESEARCH FELLOWS

Fredrick C. Harris (Political Science)
Carl Hart (Psychology)
Obery Hendricks (Religion/African-American Studies)
Kellie E. Jones (Art History and Archaeology)
Natasha Lightfoot (History)
Mignon Moore (Sociology - Barnard)
David Scott (Anthropology)
Mabel Wilson (Architecture, Planning and Preservation)

AFFILIATED FACULTY

Vanessa Agard-Jones (Anthropology)
Belinda Archibong (Economics)
Christopher Brown (History)
Maguette Camara (Dance - Barnard)
Tina Campt (Africana & Womens Studies - Barnard College)
Mamadou Diouf (Middle Eastern, South Asian, and African Studies)
Ann Douglas (English and Comparative Literature)
Barbara Fields (History)
Eric Foner (History)
Saidiya Hartman (English and Comparative Literature)
Ousmane Kane (School of International and Public Affairs)
Rashid Khalidid (History)
George E. Lewis (Music)
Mahmood Mamdani (Anthropology)
Gregory Mann (History)
Alondra Nelson (Sociology/Women's and Gender Studies)
Robert O'Meally (English and Comparative Literature)
David Scott (Anthropology)
Susan Strum (Law School)

IN MEMORIUM

Marcellus Blount
Manning Marable, founder of IRAAS

GUIDELINES FOR ALL MAJORS AND CONCENTRATORS

Governed Electives

The "governed electives" category must include courses from at least three different departments, providing an interdisciplinary background in the field of African-American Studies. (Note: you cannot count one of your governed electives within your designated area of study).

Designated Area of Study

A Designated Area of Study, preferably within a distinct discipline (for example, history, politics, sociology, literature, anthropology, psychology, etc.). Students may also select courses within a particular geographical area or region or an interdisciplinary field of study.

Any of the departmental disciplines (history, political science; sociology, anthropology, literature, art history; psychology, religion, music, etc.)

Any of the pertinent area studies (African Studies; Caribbean/Latin American; Gender Studies; etc.).

Please note that the major/concentrator is not allowed to "create" or "make up" a designated area of study without the direct approval of the Director of Undergraduate Studies, and that such approval must be sought before the student has embarked on the course of designated area of study, and that such approval will be granted only in very rare and exceptional cases. Under no circumstances should the major/concentrator hope to take a series

of courses only later to “create” a Designated Area of Study around these courses.

MAJOR IN AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

A minimum of twenty-seven (27) points is required for the completion of the major. The major should be arranged in consultation with the director of undergraduate studies. Students interested in majoring should plan their course of study no later than the end of their sophomore year.

Core Requirements

All majors must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Major Debates in African-American Studies - 4 Points
- (3) Governed Elective - 4 Points
- (4) Governed Elective - 4 Points
- (5) Senior Seminar - 4 Points
- (6) Designated Area of Study Course (DAS) - 3 Points
- (7) DAS or Senior Pro Seminar - 4 Points

CONCENTRATION IN AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

A minimum nineteen (19) points is required for the completion of the concentration.

Core Requirements

All concentrators must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Governed Elective - 4 Points
- (3) Governed Elective - 4 Points
- (4) Senior Seminar - 4 Points
- (5) Designated Area of Study Course (DAS) - 3-4 Points

AFAS UN1001 Introduction to African-American Studies. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: Students need to register for a section of AFAS UN1010, the required discussion section for this course. From the arrival of enslaved Africans to the recent election of President Barack Obama, black people have been central to the story of the United States, and the Americas, more broadly. African Americans have been both contributors to, and victims of, this “New World” democratic experiment. To capture the complexities of this ongoing saga, this course offers an interdisciplinary exploration of the development of African-American cultural and political life in the U.S., but also in relationship to the different African diasporic outposts of the Atlantic world. The course will be organized both chronologically and thematically, moving from the “middle passage” to the present so-called “post-

racial” moment—drawing on a range of classical texts, primary sources, and more recent secondary literature—to grapple with key questions, concerns, and problems (i.e., agency, resistance, culture, etc.) that have preoccupied scholars of African-American history, culture, and politics. Students will be introduced to a range of disciplinary methods and theoretical approaches (spanning the humanities and social sciences), while also attending to the critical tension between intellectual work and everyday life, which are central to the formation of African-American Studies as an academic field. This course will engage specific social formations (i.e., migration, urbanization, globalization, etc.), significant cultural/political developments (i.e., uplift ideologies, nationalism, feminism, Pan-Africanism, religion/spirituality, etc.), and hallmark moments/movements (i.e., Harlem Renaissance, Civil Rights movement, etc.). By the end of the semester, students will be expected to possess a working knowledge of major themes/figures/traditions, alongside a range of cultural/political practices and institutional arrangements, in African-American Studies.

Fall 2019: AFAS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1001	001/10574	M W 1:10pm - 2:25pm B60 Alfred Lerner Hall	Josef Sorett	4	87/100

AFAS UN1002 Major Debates in African-American Studies. 4 points.

Prerequisites: Students must register for discussion section, AFAS UN1003.

This course will focus on the major debates in African-American Studies from the role of education to the political uses of art. The class will follow these debates historically with attention to the ways in which earlier discussions on migration and emigration, for example, were engaged with the specific historical conjuncture in which they took place as well as in the myriad ways in which earlier debates continue to resonate today. There will be a mix of primary documents and secondary sources and commentary.

Spring 2020: AFAS UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1002	001/13917	T 10:10am - 12:00pm 758 Ext Schermerhorn Hall	Frank Guridy	4	12/12

AFAS UN1003 DISC SEC Major Debates. 0 points.

Required discussion section for AFAS UN1002, Major Debates in African-American Studies.

AFAS UN3030 African-American Music. 3 points.

This course focuses on a central question: how do we define “African-American music”? In attempting to answer this question, we will be thinking through concepts such as authenticity, representation, recognition, cultural ownership, appropriation, and origin(s). These concepts have structured the ways in which critics, musicians and audiences have addressed the various social, political and aesthetic contexts in which African-American music

has been composed (produced), performed (re-produced) and heard (consumed).

Fall 2019: AFAS UN3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3030	001/10527	Th 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kevin Holt	3	13/15

AFAS UN3943 Senior Pro Seminar. 4 points.

This course is a seminar for seniors to either write a formal proposal for a capstone project or to begin the research process for a Senior Thesis, which will be written in the Spring semester. This interdisciplinary course provides the necessary structure needed to complete either goal. This will be an interactive class in which students are required to participate and actively engage in each meeting.

Fall 2019: AFAS UN3943

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3943	001/17880	T 10:10am - 12:00pm 758 Ext Schermerhorn Hall	Vivaldi Jean-Marie	4	4/15

AFAS UN3930 Topics in the Black Experience. 4 points.

Please refer to the African American and African Diaspora Studies Department <https://afamstudies.columbia.edu/courses> (<https://afamstudies.columbia.edu/courses/>) for section-by-section course descriptions.

Fall 2019: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	001/10662	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	12/12
AFAS 3930	002/10663	Th 2:10pm - 4:00pm 522d Kent Hall	Robert Gooding-Williams	4	4/12

Spring 2020: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	001/13919	W 10:10am - 12:00pm 758 Ext Schermerhorn Hall	Josef Sorett	4	12/12
AFAS 3930	002/13920	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	12/12
AFAS 3930	003/19439	Th 10:10am - 12:00pm 758 Ext Schermerhorn Hall	Anthony Johnson	4	3/12
AFAS 3930	004/34842	W 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Vivaldi Jean-Marie	4	0/12
AFAS 3930	005/34845	T 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kalia Brooks	4	0/12

AFAS UN3936 Black Intellectuals Seminar. 4 points.

AFAM Major/Concentrator required course

This undergraduate seminar examines a diverse group of black intellectuals' formulations of ideologies and theories relative to racial, economic and gender oppression within the context of dominant intellectual trends. The intellectuals featured in the course each contributed to the evolution of black political thought, and posited social criticisms designed to undermine racial and gender oppression, and labor exploitation around the world. This group of black intellectuals' work will be analyzed, paying close attention to the way that each intellectual inverts dominant intellectual trends, and/or uses emerging social scientific disciplines to counter racism, sexism, and classism. This seminar is designed to facilitate an understanding of the black intellectual tradition that has emerged as a result of African-American thinkers' attempts to develop a unified response to an understanding of the black condition. This course explores of a wide range of primary and secondary sources from several different periods, offering students opportunity to explore the lives and works of some of the most important black intellectuals. We will also consider the way that period-specific intellectual phenomenon-such as Modernism, Marxism, Pan-Africanism, and Feminism-combined with a host of social realities.

AFAS UN3940 Senior Thesis Seminar. 4 points.

The Senior Seminar will afford thesis writers the chance to workshop their idea, conduct research and/or interviews, work with the IRB protocols (if necessary), learn to work with archival materials, and perform other research activities prior to writing the thesis. Students who choose to write a capstone paper or conduct a capstone project can choose an elective course the following semester.

The Thesis Seminar, conducted in the spring semester, is a workshop-oriented course for Senior Thesis writers organized around honing their writing skills while providing guidance to students in their field/disciplinary-specific projects. For example, a student may choose to write a historical biography of an artist while another may pursue a sociological study of the effects of mass incarceration on voting rights. The instructor of the Thesis Seminar, working with a faculty adviser (dependent on the specific field of inquiry in the thesis), will provide feedback and supervise the writing schedule of the students.

Spring 2020: AFAS UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3940	001/16610	M 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Kevin Fellezs	4	5/5

AFAS GU4031 Protest Music and Popular Culture. 3 points.

Open to graduate students and limited advanced undergraduates.

This course will examine the relationship between popular music and popular movements. We will be taking a historical, as well as a thematic, approach to our investigation as a way to trace various legacies within popular music that fall under the rubric

of "protest music" as well as to think about the ways in which popular music has assisted various communities to speak truth to power. We will also consider the ways in which the impact of the music industry has either lessened or enhanced popular music's ability to articulate "protest" or "resistance" to hegemonic power.

AFAS GU4032 Image and Identity in Contemporary Advertising. 4 points.

Open to undergraduate sophomores, juniors, and seniors; and MA students only. **Not offered during 2019-20 academic year.**

This course examines the organization of contemporary advertising industry. A special emphasis is placed on the role of diversity and difference, including but not restricted to the ways that race, ethnicity, and other demographic/social difference impact both the profession and the creative process. Advertising is a polyglot organizational field consisting of traditional advertising agencies, but also digital companies and social media firms that use creative marketing techniques, such as crowdsourcing and viral marketing. We will consider the ways that corporations and those in their service produce and consume information and image, in an effort to shape individual and collective identities, and to market goods and services. The course is organized around collective discussion.

Spring 2020: AFAS GU4032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4032	001/13921	T 2:10pm - 4:00pm Room TBA	Sudhir Venkatesh	4	11/12

AFAS GU4035 Criminal Justice and the Carceral State in the 20th Century United States. 4 points.

To apply for course enrollment, please contact Prof. Samuel Roberts (skroberts@columbia.edu).

This course provides an introduction to historical and contemporary concepts and issues in the U.S. criminal justice system, including state violence; the evolution of modern policing; inequality and criminal justice policy; drug policy as urban policy; and the development of mass incarceration and the "carceral continuum." The writing component to this course is a 20-25 page research paper on a topic to be developed in consultation with the instructor. This course has been approved for inclusion in the African-American Studies and History undergraduate curricula.

AFAS GU4037 Third World Studies. 4 points.

Introduction to third world studies; an introduction to the methods and theories that inform the field of third world studies (aka ethnic studies), including imperialism, colonialism, third world liberation movements, subjectivities, and racial and social formation theories;

AFAS GU4080 Topics in The Black Experience. 4 points.

Please refer to the African American and African Diaspora Studies Department <https://afamstudies.columbia.edu/courses> (<https://afamstudies.columbia.edu/courses/>) for section-by-section course descriptions.

Fall 2019: AFAS GU4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/10575	W 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Obery Hendricks	4	6/14
AFAS 4080	003/14058	M 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Kalia Brooks	4	6/12

Spring 2020: AFAS GU4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/13922	Th 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Robert Gooding-Williams	4	7/12
AFAS 4080	002/14095	W 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kevin Fellezs	4	8/12
AFAS 4080	003/17755	M 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kevin Holt	4	7/12
AFAS 4080	004/19832	W 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	Saidiya Hartman, Mabel Wilson	4	12/12
AFAS 4080	005/34669	T 12:10pm - 2:00pm 758 Ext Schermerhorn Hall		4	8/12

AFAS GU4520 Race and the Articulation of Difference. 4 points.

This seminar examines the intersection of race, gender, and nation in the formation of hierarchical social systems and their legitimating ideologies. A leading premise of this course is that racial ideologies are, foundationally, claims about the heritability of socially produced and imagined differences—claims that muster, mimic, and articulate notions of differences associated with a variety of social distinctions, including sex/gender, class, and nation-based identities. This seminar will situate the process of racialization within the wider problematic of political subjectivity and direct attention to the symbolic and structural organization of modern, hierarchical social systems.

Spring 2020: AFAS GU4520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4520	001/16714	Th 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	Steven Gregory	4	12/12

ENGL GU4621 Harlem Renaissance. 3 points.

(Lecture). This course will focus on the arts of the Harlem Renaissance as experiments in cultural modernity and as forms of incipient political empowerment. What was the Harlem Renaissance? Where and when did it take place? Who were its major players? What difference did it make to everyday Harlemites? What were its outposts beyond Harlem itself? Was there a rural HR? An international HR? As we wonder about these problems of definition, we will upset the usual literary/historical framework with considerations of music and painting

of the period. How to fit Bessie Smith into a frame with W.E.B. Du Bois? Ellington with Zora Neale Hurston? Aaron Douglas with Langston Hughes? Where is Harlem today? Does it survive as more than a memory, a trace? Is it doomed to be "black no more?" How does Harlem function in "our" "national"/((international?)) imagination? Has the Harlem Renaissance's moment come and gone? What continuities might we detect? What institutions from the early twentieth century have endured?

Spring 2020: ENGL GU4621

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4621	001/10964	T Th 10:10am - 11:25am Room TBA	Robert O'Meally	3	36/54

ENGL GU4622 African-American Literature II. 3 points. (Lecture). This survey of African American literature focuses on language, history, and culture. What are the contours of African American literary history? How do race, gender, class, and sexuality intersect within the politics of African American culture? What can we expect to learn from these literary works? Why does our literature matter to student of social change? This lecture course will attempt to provide answers to these questions, as we begin with Zora Neale Hurston's *Their Eyes Were Watching God* (1937) and Richard Wright's *Native Son* (1940) and end with Melvin Dixon's *Love's Instruments* (1995) with many stops along the way. We will discuss poetry, fiction, drama, and non-fictional prose. Other authors include Ralph Ellison, James Baldwin, Gwendolyn Brooks, Malcom X, Ntozake Shange, Audre Lorde, and Toni Morrison. There are no prerequisites for this course. The formal assignments are two five-page essays and a final examination. Class participation will be graded.

Spring 2020: ENGL GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/10999	M W 2:40pm - 3:55pm Room TBA	Farah Griffin	3	53/54

OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC2004	Introduction to African Studies
AFRS BC2005	Caribbean Culture and Societies
AFRS BC2006	Introduction to the African Diaspora
AFRS BC3020	Harlem Crossroads
AFRS BC3055	Slave Resistance in the United States from the Colonial Era to the Civil War
AFRS BC3100	Medicine and Power in African History
AFRS BC3110	The Africana Colloquium: Caribbean Women
AFRS BC3120	History of African-American Music
AFRS BC3121	Black Women in America

AFRS BC3146	African American and African Writing and the Screen
AFRS BC3150	Race and Performance In The Caribbean
AFRS BC3517	African American Women and Music
AFEN BC3525	Atlantic Crossings: The West Indies and the Atlantic World
AFRS BC3528	Harlem on My Mind: The Political Economy of Harlem
AFRS BC3550	Harlem Seminar: Gay Harlem
AFRS BC3560	Human Rights and Social Change in Sub-Saharan Africa
AFRS BC3570	Africana Issues: Diasporas of the Indian Ocean
AFRS BC3589	Black Feminism(s)/Womanism(s)
AFRS BC3590	The Middle Passage

American Studies

AMST UN3930	Topics in American Studies
AMST UN3931	Topics in American Studies

Anthropology

ANTH UN1130	Africa and the Anthropologist
ANTH UN2005	Ethnographic Imagination
ANTH V3005	Africa: Culture and Society
ANTH UN3850	Psychoanalysis, Colonialism, and Race
ANTH UN3983	Ideas and Society in the Caribbean

Anthropology (Barnard)

ANTH V3005	Africa: Culture and Society
ANTH V3943	Youth and Identity Politics in Africa
ANTH UN3946	African Cultural Production
ANTH UN3983	Ideas and Society in the Caribbean
ANTH V3988	Race/Sexuality Science and Social Practice

Art History and Archaeology

AHIS UN2500	The Arts of Africa
AHIS W3897	Black West: African-American Artists in the Western United States

Center for the Study of Ethnicity and Race

CSER UN1012	History of Racialization in the United States
CSER UN3940	Comparative Study of Constitutional Challenges Affecting African, Latino, and Asian American Communities

Dance (Barnard)

DNCE BC3578	Traditions of African-American Dance
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Economics

ECON GU4438	Economics of Race in the U.S.
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English and Comparative Literature

ENGL W3400	African-American Literature I
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English (Barnard)

ENWS BC3144	Minority Women Writers in the United States
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AFEN BC3148	Literature of the Great Migration: 1916-1970
ENGL BC3196	Home to Harlem: Literature of the Harlem Renaissance

History

AFCV UN1020	African Civilizations
HIST UN2432	The United States In the Era of Civil War and Reconstruction
HIST UN2523	History of Health Inequality in the Modern United States
HIST UN2540	History of the South
HIST UN2618	The Modern Caribbean
HIST W3575	Power and Place: Black Urban Politics
HIST W3662	Slave Memory in Brazil: Public History and Audiovisual Narratives in Perspective
HIST UN3429	Telling About the South
HIST UN3518	Columbia and Slavery
HIST UN2772	West African History
HIST W4404	Native American History
HIST UN3779	Africa and France
HIST UN3928	Comparative Slavery and Abolition in the Atlantic World
HIST GU4984	Hacking the Archive
HIST W4434	The Atlantic Slave Trade
HIST GU4584	Drug Policy and Race
HIST GU4588	Substance Abuse Politics in African-American History
HIST W4985	Citizenship, Race, Gender and the Politics of Exclusion

History (Barnard)**Jazz Studies**

JAZZ W3100	Jazz and American Culture
JAZZ GU4900	Jazz and the Literary Imagination

Middle Eastern, South Asian, and African Studies

MDES UN2030	Major Debates in the Study of Africa
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Music

MUSI UN2016	Jazz
MUSI UN2020	Salsa, Soca, and Reggae: Popular Musics of the Caribbean
MUSI W4435	Music and Performance in the African Postcolony

Political Science

POLS UN3245	Race and Ethnicity In American Politics
POLS UN3604	War, Peace, and International Interventions in Africa

Political Science (Barnard)

POLS BC3101	* Colloquium on Black Political Thought
POLS BC3810	*Colloquium on Aid, Politics & Violence in Africa

Psychology

PSYC UN2640	Introduction to Social Cognition
PSYC UN2650	Introduction to Cultural Psychology
PSYC GU4615	The Psychology of Culture and Diversity (Seminar)

Religion

RELI UN2415	Religions of Harlem
RELI UN2335	Religion in Black America: An Introduction
RELI UN3630	Religion and Black Popular Cultures
RELI V3650	Religion and the Civil Rights Movement
RELI GU4355	The African American Prophetic Political Tradition from David Walker to Barack Obama
RELI W4826	Religion, Race and Slavery

Religion (Barnard)

RELI UN3203	Religion in America II
RELI W4826	Religion, Race and Slavery

Sociology

SOCI W2420	Race and Place in Urban America
SOCI W3277	Post-Racial America?

Women's and Gender Studies

WMST GU4300	Queer Theory/ Visual Culture
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AMERICAN STUDIES

Program Office: 319-321 Hamilton; 212-854-6698
<http://www.columbia.edu/cu/amstudies/>

Director: Prof. Casey N. Blake, 321 Hamilton; 212-854-6698;
 cb460@columbia.edu

Associate Director: Prof. Robert Amdur, 311 Hamilton;
 212-854-4049; rla2@columbia.edu

Assistant Director: Angela Darling, 319 Hamilton;
 212-854-6698; amd44@columbia.edu

Administrative Assistant: Laken King, 319 Hamilton;
 212-854-6698; lk2639@columbia.edu

American studies offers students the opportunity to explore the experience and values of the people of the United States as embodied in their history, literature, politics, art, and other enduring forms of cultural expression. The program seeks to prepare students to confront with historical awareness the pressing problems that face our society. The program takes advantage of Columbia's location by involving students with the life of the city—working with community service organizations such as the Double Discovery Center, which serves New York City high school students; and by inviting leading figures in the local political and cultural scene to participate in colloquia, public conferences, and classroom discussions. It is an interdisciplinary program designed to be open and flexible while taking seriously

the challenge of striving for a liberal education that helps prepare students for responsible citizenship.

ADVISING

DEPARTMENTAL HONORS

Students with a 3.6 minimum GPA in the major and an outstanding senior project are considered for honors. Normally no more than 10% of graduating majors receive departmental honors in a given year.

DEPARTMENT FACULTY

Casey N. Blake

Lynne Breslin

Andrew Delbanco

Todd Gitlin

Hilary Hallett

Michael Hindus

Thai Jones

Adam Kirsch

Roger Lehecka

Paul Levitz

Roosevelt Montas

Valerie Paley

Robert Pollack

Ross Posnock

Cathleen Price

Benjamin Rosenberg

James Shapiro

Maura Spiegel

Tamara Tweel

AFFILIATED FACULTY

Rachel Adams (English and Comparative Literature)

Courtney Bender (Religion)

Casey N. Blake (History; American Studies)

Jeremy Dauber (Germanic Languages)

Andrew Delbanco (English and Comparative Literature; American Studies)

Eric Foner (History)

Todd Gitlin (Journalism; Sociology)

Farah Griffin (English and Comparative Literature)

Frank Guridy (History)

Ira Katznelson (Political and History)

Alice Kessler-Harris (History)

Shamus Khan (Sociology)

Rebecca Kobrin (History)

Roosevelt Montás (Core and American Studies)

Ross Posnock (English and Comparative Literature; American Studies)

Wayne Proudfoot (Religion)

Jonathan Rieder (Sociology, Barnard)

Maura Spiegel (English and Comparative Literature)

GUIDELINES FOR ALL AMERICAN STUDIES MAJORS AND CONCENTRATORS

Declaring the Major or Concentration

Although students generally declare their major or concentration in the spring of their sophomore year, students may want to take electives early on in areas that interest them but that later connect with the American studies major.

Grading

A grade lower than C- cannot be counted toward the major or concentration in American studies. A grade of C- can be counted only with the approval of the director or associate director. Pass/D/Fail courses do not count toward the major or concentration unless the course was taken before the student declared the major or concentration.

MAJOR IN AMERICAN STUDIES

A minimum of nine courses is required to complete the major.

Please note that as of January 2018 Major requirements have changed, beginning with the Class of 2020. Please consult with the department if there are any questions.

Two American Studies Core courses.

The following two courses are ordinarily required:

AMST UN1010	Introduction to American Studies
HIST UN2478	U.S. Intellectual History, 1865 To the Present
or AMST UN3930	Topics in American Studies

Please note, the AMST UN3930 section MUST be Freedom and Citizenship in the U.S. to count towards the core course requirement

Two seminars in American Studies

AMST UN3930	Topics in American Studies
AMST UN3931	Topics in American Studies

Additional Courses

Four courses drawn from at least two departments, one of which must be in History and one of which must deal primarily with some aspect of American experience before 1900. (A course in U.S. History before 1900 would fulfill both requirements.)

Senior Research Project

The final requirement for the major in American Studies is completion of a senior essay, to be submitted in the spring of senior year. Alternatively, students may fulfill this requirement by taking an additional seminar in which a major paper is required or by writing an independent essay under the supervision of a faculty member. Seniors who wish to do a senior research project are required to take the Senior Project Colloquium AMST UN3920 in the fall of the senior year.

CONCENTRATION IN AMERICAN STUDIES

A minimum of 7 courses is required to complete the concentration. Please note that as of January 2018 Concentration requirements have changed, beginning with the Class of 2020. Please consult with the department if there are any questions.

Two American Studies Core courses.

The following are ordinarily required:

AMST UN1010	Introduction to American Studies
HIST UN2478	U.S. Intellectual History, 1865 To the Present
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.

AMERICAN STUDIES

AMST UN1010 Introduction to American Studies. 4 points.

This course is an interdisciplinary exploration of the values and cultural expressions of the people of the United States since the late nineteenth century. We will examine a variety of works in literature, history, cultural and social criticism, music, the visual arts and the built environment with an eye to understanding how Americans of different backgrounds, living at different times and in different locations, have understood and argued about the meaning and significance of American national identity. Our goal is to make connections between different genres of expression and consider how different cultural forms have served as opportunities to ponder the meaning of modern life in the United States. Lectures and readings will give particular attention to the sites—real and imagined—where Americans have identified the promise and perils of American life. Discussion section required: AMST UN1011

Spring 2020: AMST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 1010	001/11766	T Th 10:10am - 11:25am Room TBA	Maura Spiegel, Roosevelt Montas	4	51/70

AMST UN1011 Disc. Sec. Intro. to American Studies. 0 points.

Corequisites: AMST UN1010

This is the required discussion section for AMST UN1010 Intro to American Studies

AMST UN3920 American Studies Senior Project Colloquium.

1 point.

Required for American studies students who intend to do a senior research project

This course is for American studies majors planning to complete senior projects in the spring. The course is designed to help students clarify their research agenda, sharpen their questions, and locate their primary and secondary sources. Through class discussions and a "workshop" peer review process, each member of the course will enter spring semester with a completed bibliography that will provide an excellent foundation for the work of actually writing the senior essay. The colloquium will meet every other week and is required for everyone planning to do a senior research project. Application due June 15. See American Studies website.

Fall 2019: AMST UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3920	001/10312		Casey Blake	1	8/10

AMST UN3930 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for the course descriptions for each section.

Fall 2019: AMST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/62741	T 2:10pm - 4:00pm 317 Hamilton Hall	Roosevelt Montas	4	10/18
AMST 3930	002/62736	Th 2:10pm - 4:00pm 317 Hamilton Hall	Hilary-Anne Hallett	4	15/18
AMST 3930	003/62739	M 10:10am - 12:00pm 317 Hamilton Hall	Jessica Lee	4	7/18
AMST 3930	004/62737	M 6:10pm - 8:00pm 317 Hamilton Hall	Benjamin Rosenberg	4	12/18
AMST 3930	005/62738	W 4:10pm - 6:00pm 317 Hamilton Hall	Valerie Paley	4	13/18
AMST 3930	006/62740	T 10:10am - 12:00pm 317 Hamilton Hall	Roosevelt Montas	4	7/18
AMST 3930	007/10469	Th 12:10pm - 2:00pm 317 Hamilton Hall	Jeremy Dauber	4	10/18
AMST 3930	008/10176	Th 4:10pm - 6:00pm 401 Hamilton Hall	Robert Pollack, Craig Blinderman, Brigid Connelly	4	11/18
AMST 3930	009/10582	W 12:10pm - 2:00pm 317 Hamilton Hall	Luke Mayville	4	8/18

AMST UN3931 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for section descriptions

Spring 2020: AMST UN3931

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	001/11500	T 2:10pm - 4:00pm 317 Hamilton Hall	Casey Blake	4	0/18
AMST 3931	002/11765	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	0/18
AMST 3931	003/11425	W 2:10pm - 4:00pm 317 Hamilton Hall	Michael Hindus	4	1/18
AMST 3931	004/12255	M 12:10pm - 2:00pm 317 Hamilton Hall	Mark Lilla	4	0/15
AMST 3931	005/11435	Th 2:10pm - 4:00pm 317 Hamilton Hall	Paul Grimstad	4	20/18
AMST 3931	006/11436	T 12:10pm - 2:00pm 317 Hamilton Hall	Lynne Breslin	4	0/18
AMST 3931	007/11437	Th 10:10pm - 12:00pm 317 Hamilton Hall	Cathleen Price	4	0/15
AMST 3931	008/11438	M 2:10pm - 4:00pm 317 Hamilton Hall	Andrew Delbanco, Roger Lehecka	4	18/18
AMST 3931	009/20174	T 4:10pm - 6:00pm Room TBA	Ross Posnock	4	8/15

AMST UN3990 Senior Research Seminar. 4 points.

Open to American Studies seniors doing a research project.

Prerequisites: AMST UN3920

A seminar devoted to the research and writing, under the instructor's supervision, of a substantial paper on a topic in American studies. Class discussions of issues in research, interpretation, and writing.

Spring 2020: AMST UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3990	001/11426		Casey Blake	4	0/10

AMST UN3997 Supervised Individual Research. 1-4 points.

For students who want to do independent study of topics not covered by normal program offerings, or for senior American studies majors working on the Senior Honors Project independent of 3990y. The student must find a faculty sponsor and work out a plan of study; a copy of this plan should be submitted to the program director.

HIST UN2478 U.S. Intellectual History, 1865 To the Present. 3 points.

This course examines major themes in U.S. intellectual history since the Civil War. Among other topics, we will examine the public role of intellectuals; the modern liberal-progressive tradition and its radical and conservative critics; the uneasy status of religion in a secular culture; cultural radicalism and feminism; critiques of corporate capitalism and consumer culture;

the response of intellectuals to hot and cold wars, the Great Depression, and the upheavals of the 1960s. *Fields(s): US*

Fall 2019: HIST UN2478

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2478	001/36470	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Casey Blake	3	52/110

ANCIENT STUDIES

Program Office: 617 Hamilton; 212-854-3902;
classics@columbia.edu
<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies: Prof. Katharina Volk, 601 Hamilton; 212-854-5683; kv2018@columbia.edu

Director of Academic Administration and Finance: Juliana Driever, 617 Hamilton; 212-854-2726; jd2185@columbia.edu

The purpose of this program is to enable the student to explore the cultural context of the ancient Mediterranean as a whole while concentrating on one specific Mediterranean or Mesopotamian culture. Central to the concept of the program is its interdisciplinary approach, in which the student brings the perspectives and methodologies of at least three different disciplines to bear on his or her area of specialization.

Faculty participating in the program are scholars specializing in all aspects of ancient culture and civilization from the Departments of Anthropology; Art History and Archaeology; Classics; History; Middle Eastern, South Asian, and African Studies; Philosophy; and Religion, ensuring that a wide variety of approaches are available.

Course offerings vary year to year. Students are required to discuss their program prior to or during registration. The culmination of the ancient studies major comes in the senior year, when students with different areas of specialization come together to share their ideas in the senior seminar and then to write a substantial piece of original research. Students should think about topics for their senior paper during the junior year and find a faculty adviser at the beginning of the fall term of their senior year, after consulting with the director of undergraduate studies.

In the senior year, students register for ANCS UN3995 during the fall, and ANCS UN3998 Directed Research In Ancient Studies is usually taken during the spring. Sections should be arranged directly with the academic departmental administrator after finding a faculty adviser.

GUIDELINES FOR ALL ANCIENT STUDIES MAJORS

Grading

Advanced placement credits and courses passed with a grade of D may not be counted toward the major.

Courses

In an interdisciplinary program, courses that are available may on occasion have a substantial overlap in content. Since credit cannot be given twice for the same work, no courses may be counted toward the major that overlap significantly with courses already taken or in progress.

It is the student's responsibility to discuss his or her program with the director of undergraduate studies well in advance and to provide him or her with all the necessary information on the courses concerned, since failure to do so may result in a course not being counted after it has already been taken.

Any course in the Department of Classics may be credited toward the major.

MAJOR IN ANCIENT STUDIES

The major in ancient studies requires 12 courses (a minimum of 36 points), two of which must be:

Major Seminar

ANCS UN3995	The Major Seminar
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Senior Thesis

ANCS UN3998	Directed Research In Ancient Studies
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The selected program of study for the major must collectively satisfy the following criteria:

Language Study *

Select two courses of an ancient language at or above the intermediate level, i.e., 1200-level or above.

Fundamental Breadth **

Select two introductory courses on some aspect of the ancient Mediterranean. Some examples include:

HIST UN1010	The Ancient Greeks 800-146 B.C.E.
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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	The History of Philosophy I: Presocratics to Augustine
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CLLT UN3132	Classical Myth
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Advanced Study

Select two advanced courses on the ancient Mediterranean, typically at the 3000- or 4000-level.

Cultural Concentration

Select four courses on the culture of the language chosen, including one history course.

* The minimum language requirement must be completed by the end of the first semester of the student's senior year, so that the student is equipped to use sources in the original language in their thesis. Students are strongly urged to begin study of an ancient language as soon as possible and to complete more than the minimum requirements, since the best way to gain an understanding of a culture is through the actual words of its people. Those considering graduate work on the ancient world should also be aware that most graduate schools require more than two years of undergraduate language training for admission.

The language offered in fulfillment of this requirement should generally match the student's area of cultural concentration; special arrangements are available with other universities for students whose cultural concentration require languages not normally taught at Columbia.

Students entering with expertise in their chosen languages are placed in advanced courses as appropriate but are still required to complete at least two semesters of language courses at Columbia; exceptions to this policy may be made in the case of languages not normally taught at Columbia. Language courses at the 1100-level may not be counted toward the major. Language courses, including those at the 1100-level, must be taken for a letter grade.

** Relevant introductory courses are offered by the Department of Classics or from offerings in the Programs or Departments of Ancient Studies, Art History and Archaeology, History, Philosophy, or Religion. Students should confirm a course's relevance with the director of undergraduate studies as soon as possible.

OF RELATED INTEREST

Art History and Archaeology

AHIS UN3248	Greek Art and Architecture
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Classics

GREK UN1101	Elementary Greek I
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LATN UN1101	Elementary Latin I
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GREK UN1102	Elementary Greek II
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LATN UN1102	Elementary Latin II
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LATN V1120	Preparation for Intermediate Latin
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GREK UN1121	Intensive Elementary Greek
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LATN UN1121	Intensive Elementary Latin
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GREK UN2101	Intermediate Greek I Attic Prose
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LATN UN2101	Intermediate Latin I
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LATN UN2102	Intermediate Latin II
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CLLT UN3132	Classical Myth
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CLCV GU4110	Gender and Sexuality In Ancient Greece
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History

HIST W4024	The Golden Age of Athens
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Philosophy

PHIL UN2101	The History of Philosophy I: Presocratics to Augustine
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Religion

RELI V3120 Introduction to the New Testament

RELI V3140 Early Christianity

Women's and Gender Studies

WMST GU4300 Queer Theory/ Visual Culture

ANTHROPOLOGY

Departmental Office: 452 Schermerhorn; 212-854-4552
<http://www.columbia.edu/cu/anthropology> (<http://www.columbia.edu/cu/anthropology/>)
Directors of Undergraduate Studies:

Professor John Pemberton; 858 Schermerhorn Extension; 212 854-7463; jp373@columbia.edu; Office Hours: Mondays and Wednesdays 3:00-4:00

Departmental Consultants:

Archaeology: Prof. Zoë Crossland, 965 Schermerhorn Extension; 212-854-7465; zc2149@columbia.edu (zc2149@columbia.edu)
Office Hours are by appointment

Biological/Physical Anthropology: Prof. Ralph Holloway, 856 Schermerhorn Extension; 212-854-4570; rlh2@columbia.edu

Anthropology at Columbia is the oldest department of anthropology in the United States. Founded by Franz Boas in 1896 as a site of academic inquiry inspired by the uniqueness of cultures and their histories, the department fosters an expansiveness of thought and independence of intellectual pursuit.

Cross-cultural interpretation, global socio-political considerations, a markedly interdisciplinary approach, and a willingness to think otherwise have formed the spirit of anthropology at Columbia. Boas himself wrote widely on pre-modern cultures and modern assumptions, on language, race, art, dance, religion, politics, and much else, as did his graduate students including, most notably, Ruth Benedict and Margaret Mead.

In these current times of increasing global awareness, this same spirit of mindful interconnectedness guides the department. Professors of anthropology at Columbia today write widely on colonialism and postcolonialism; on matters of gender, theories of history, knowledge, and power; on language, law, magic, mass-mediated cultures, modernity, and flows of capital and desire; on nationalism, ethnic imaginations, and political contestations; on material cultures and environmental conditions; on ritual, performance, and the arts; and on linguistics, symbolism, and questions of representation. Additionally, they write across worlds of similarities and differences concerning the Middle East, China, Africa, the Caribbean, Japan, Latin America, South Asia, Europe, Southeast Asia, North America, and other increasingly transnational and technologically virtual conditions of being.

The Department of Anthropology traditionally offered courses and majors in three main areas: sociocultural anthropology, archaeology, and biological/physical anthropology. While the sociocultural anthropology program now comprises the largest part of the department and accounts for the majority of faculty

and course offerings, archaeology is also a vibrant program within anthropology whose interests overlap significantly with those of sociocultural anthropology. Biological/physical anthropology has shifted its program to the Department of Ecology, Evolution, and Environmental Biology. The Anthropology Department enthusiastically encourages cross-disciplinary dialogue across disciplines as well as participation in study abroad programs.

SOCIOCULTURAL ANTHROPOLOGY

At the heart of sociocultural anthropology is an exploration of the possibilities of difference and the craft of writing. Sociocultural anthropology at Columbia has emerged as a particularly compelling undergraduate liberal arts major. Recently, the number of majors in sociocultural anthropology has more than tripled.

Students come to sociocultural anthropology with a wide variety of interests, often pursuing overlapping interests in, for example, performance, religion, writing, law, ethnicity, mass-media, teaching, language, literature, history, human rights, art, linguistics, environment, medicine, film, and many other fields, including geographical areas of interest and engagement. Such interests can be brought together into provocative and productive conversation with a major or concentration in sociocultural anthropology. The requirements for a major in sociocultural anthropology reflect this intellectual expansiveness and interdisciplinary spirit.

ARCHAEOLOGY

Archaeologists study the ways in which human relations are mediated through material conditions, both past and present. Particular emphases in the program include the development of ancient states and empires, especially in the indigenous Americas; the impact of colonial encounters on communities in the American Southwest, the Levant and Africa; and human-animal relations in prehistory, religion and ritual, and the archaeology of the dead.

Themes in our teaching include the political, economic, social, and ideological foundations of complex societies; and archaeological theory and its relationship to broader debates in social theory, technology studies, and philosophy. Faculty members also teach and research on questions of museum representations, archaeological knowledge practices, and the socio-politics of archaeology. The program includes the possibility of student internships in New York City museums and archaeological fieldwork in the Americas and elsewhere.

ADVISING

Majors and concentrators should consult the director of undergraduate studies when entering the department and devising programs of study. Students may also seek academic advice from any anthropology faculty member, as many faculty members hold degrees in several fields or positions in other departments and programs at Columbia. All faculty in the department are committed to an expansiveness of thought and an independence of intellectual pursuit and advise accordingly.

HONORS THESIS

Anthropology majors with a minimum GPA of 3.6 in the major who wish to write an honors thesis for departmental honors consideration may enroll in ANTH UN3999 The Senior Thesis Seminar in Anthropology. Students should have a preliminary concept for their thesis prior to course enrollment. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Nadia Abu El-Haj (Barnard)
Lila Abu-Lughod
Partha Chatterjee
Myron L. Cohen
Terence D'Altroy
Steven Gregory
Ralph L. Holloway

Claudio Lomnitz
Mahmood Mamdani
Brinkley Messick
Rosalind Morris
Elizabeth Povinelli
Nan Rothschild (Barnard, *emerita*)
David Scott, Department Chair
Lesley A. Sharp (Barnard)
Michael Taussig
Paige West (Barnard)

ASSOCIATE PROFESSORS

Zoe Crossland
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

Ellen Marakowitz
Karen Seeley

ADJUNCT RESEARCH SCHOLAR

GUIDELINES FOR ALL ANTHROPOLOGY MAJORS AND CONCENTRATORS

Grading

No course with a grade of D or lower can count toward the major or concentration. Only the first course that is to count toward the major or concentration can be taken Pass/D/Fail.

Courses

Courses offered in other departments count toward the major and concentration only when taught by a member of the Department of Anthropology. Courses from other departments not taught by anthropology faculty must have the approval of the director of undergraduate studies in order to count toward the major or concentration.

MAJOR IN ANTHROPOLOGY

The requirements for this program were modified on January 29, 2016.

The program of study should be planned as early as possible in consultation with the director of undergraduate studies.

The anthropology major requires 30 points in the Department of Anthropology.

Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following courses:

ANTH UN1002	The Interpretation of Culture
ANTH UN2004	Introduction to Social and Cultural Theory
ANTH UN2005	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	Introduction to Social and Cultural Theory
ACLG UN2028	Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

NOTE: Students wishing to pursue an interdisciplinary major in archaeology should see the *Archaeology* section of this Bulletin.

Biological/Physical Focus

Students interested in studying this field should refer to the major in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

CONCENTRATION IN ANTHROPOLOGY

The anthropology concentration requires 20 points in the Department of Anthropology.

Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following course:

ANTH UN1002 The Interpretation of Culture

Archaeology Focus

Students interested in studying archaeological anthropology are required to take the following course:

ACLG UN2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

Biological/Physical Focus

Students interested in pursuing study in this field should refer to the concentration in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

FALL 2019 SOCIOCULTURAL ANTHROPOLOGY

ANTH UN1002 The Interpretation of Culture. 3 points.

The anthropological approach to the study of culture and human society. Case studies from ethnography are used in exploring the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies.

Fall 2019: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/45160	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Audra Simpson	3	89/120

Spring 2020: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/11181	M W 1:10pm - 2:25pm Room TBA	Paige West	3	115/120
ANTH 1002	002/12201	T Th 11:40am - 12:55pm Room TBA	Vanessa Agard-Jones	3	79/100

ANTH UN1007 The Origins of Human Society. 3 points.

Mandatory recitation sections will be announced first week of classes.

An archaeological perspective on the evolution of human social life from the first bipedal step of our ape ancestors to the establishment of large sedentary villages. While traversing six million years and six continents, our explorations will lead us

to consider such major issues as the development of human sexuality, the origin of language, the birth of “art” and religion, the domestication of plants and animals, and the foundations of social inequality. Designed for anyone who happens to be human.

Fall 2019: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1007	001/06909	T Th 2:40pm - 3:55pm 304 Barnard Hall	Severin Fowles	3	130

ANTH UN2004 Introduction to Social and Cultural Theory. 3 points.

Introduces students to crucial theories of society, paying particular attention to classic social theory of the late 19th and 20th centuries. Traces a trajectory through writings essential for an understanding of the social: from Saussure, Durkheim, Mauss, Marx, Freud, and Weber, on to the structuralist ethnographic elaboration of Claude Levi-Strauss, the historiographic reflections on modernity of Michel Foucault, and contemporary modes of socio-cultural analysis. Explored are questions of signification at the heart of anthropological inquiry, and to the historical contexts informing these questions.

Fall 2019: ANTH UN2004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2004	001/45118	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	John Pemberton	3	60/100

ANTH UN2026 On Precarity. 3 points.

The topic of precarity is a growing field in the social sciences. The main purpose of this course is to explore the wide semantics and potentials of the term in relation to domains such as labour, law, ethics, technology, health, relationships, moods, shifts in opinion, in fashions or the durability of goods. Our interest in precarity is grounded in two interrelated key motives: the first addresses it as an object of study in its own right. Judging from recent unemployment rates of the industrialized west, the mass scale displacement of populations or the corrosion of security, there is enough reason to put precarity into context. Yet, we might also proceed by inquiring about its potentials as a methodology, one might even call it “a style of reasoning”. Given how much history relies on causation, sequence and linearity how to relate to precarity as a temporal structure in light of the complexities of the present? How does such multilateral present redefines the very conception of that present, of the historical and the now?

We will be relating to precarity not just as a condition of existence but also as an infrastructure with which to think societies across space and time. The course will focus on narratives, practices and structures that problematize and displace *prima facie* logics of the either/or. Instead, we want to highlight conjoined operations of the both/and which are changing the very nature of how we think norms, time and episteme. Taking a clue from the proliferation of forms of precarity, the course will be organized around specific themes. Within each two-week section, the first

sessions will be a lecture and the remaining will combine lecture and discussion of the assigned items. As a whole, the course aims to sensitize students to the complexities and conditioning possibilities involved in the process of knowledge-making and to provide students with tools to better structure and critically access the information they receive and generate.

Fall 2019: ANTH UN2026

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2026	001/45171	T Th 4:10pm - 5:25pm 467 Ext Schermerhorn Hall	Maria Jos de 3 Abreu		12/30

ANTH UN3151 Living with Animals: Anthropological Perspective. 4 points.

This course examines how humans and animals shape each other's lives. We'll explore the astounding diversity of human-animal relationships in time and space, tracing the ways animals have made their impact on human societies (and vice-versa). Using contemporary ethnographic, historical, and archaeological examples from a variety of geographical regions and chronological periods, this class will consider how humans and animals live and make things, and the ways in which humans have found animals "good to think with". In this course, we will also discuss how knowledge about human-animal relationships in the past might change contemporary and future approaches to living with animals.

ANTH UN3465 Women and Gender Politics in the Muslim World. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Practices like veiling that are central to Western images of women and Islam are also contested issues throughout the Muslim world. Examines debates about Islam and gender and explores the interplay of cultural, political, and economic factors in shaping women's lives in the Muslim world, from the Middle East to Southeast Asia.

Spring 2020: ANTH UN3465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3465	001/11189	T Th 2:40pm - 3:55pm Room TBA	Lila Abu-Lughod	3	70/75

ANTH UN3661 South Asia: Anthropological Approaches. 4 points.

Not offered during 2019-20 academic year.

This course draws on ethnography, history, fiction, and other genres to think about diverse peoples and places in the region known as South Asia. Rather than attempt to fix or define "South Asia" as a singular category, we will explore how particular social and scholarly categories through which dimensions of South Asian life have come to be known (such as caste, class, religion, gender, sexuality, disability, and kinship) are experienced, negotiated, and reworked by actual persons in specific situations. By examining both categories and practices, we will ask: What

kinds of relationships exist between the messiness of everyday life and the classifications used by both scholars and "local" people to describe and make sense of it? How do scholarly and bureaucratic ideas not merely reflect but also shape lived realities? How do lived realities affect the ways in which categories are named and understood? In addressing such questions, categories sometimes thought of as stable or timeless emerge as, in fact, contingent and embodied.

ANTH UN3821 Native America. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 40.

This is an undergraduate seminar that takes up primary and secondary sources and reflections to: a) provide students with an historical overview of Native American issues and representational practices, b) provide students with an understanding of the ways in which land expropriation and concomitant military and legal struggle have formed the core of Native-State relations and are themselves central to American and Native American history and culture, and c) provide students with an understanding of Native representational practices, political subjectivity, and aspiration.

Spring 2020: ANTH UN3821

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3821	001/11619	M 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Audra Simpson	4	40/40

ANTH UN3823 Archaeology Engaged: The Past in the Public Eye. 4 points.

Enrollment limited to 15. Enrollment Priorities: Seniors and Juniors in ARCH or ANTH

This course provides a panoramic, but intensive, inquiry into the ways that archaeology and its methods for understanding the world have been marshaled for debate in issues of public interest. It is designed to examine claims to knowledge of the past through the lenses of alternative epistemologies and a series of case-based problems that range from the academic to the political, legal, cultural, romantic, and fraudulent.

Fall 2019: ANTH UN3823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3823	001/45251	M 4:10pm - 6:00pm 951 Schermerhorn Hall	Terence D'Altroy	4	14/15

ANTH UN3828 The Anthropology of War. 4 points.

In this class, we will think about the various ways in which philosophers, social theorists, historians and anthropologists have thought about war, violence, and responsibility. The course focuses on a set of themes and questions: for example, the nature of violence and the question of responsibility or accountability, shifting technologies of warfare, and the phenomenology and aftermath of warfare, for civilians and for combatants. The reading list incorporates different approaches to such questions—from historical to philosophical to ethnographic accounts.

Spring 2020: ANTH UN3828

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3828	002/00426	W 2:10pm - 4:00pm Room TBA	Nadia Abu El-Haj	4	34/34

ANTH UN3829 Absent Bodies. 4 points.

Enrollment limited to 15.

Prerequisites: Open to undergrad majors; others with the instructor's permission.

Across a range of cultural and historic contexts, one encounters traces of bodies - and persons - rendered absent, invisible, or erased. Knowledge of the ghostly presence nevertheless prevails, revealing an inextricable relationship between presence and absence. This course addresses the theme of absent bodies in such contexts as war and other memorials, clinical practices, and industrialization, with interdisciplinary readings drawn from anthropology, war and labor histories, and dystopic science fiction.

ANTH UN3861 Anthropology of the Anthropocene. 4 points.

Enrollment limited to 20. Priority given to majors in Anthropology.

This course focuses on the political ecology of the Anthropocene. As multiple publics become increasingly aware of the extensive and accelerated rate of current global environmental change, and the presence of anthropogenesis in ever expanding circumstances, we need to critically analyze the categories of thought and action being developed in order to carefully approach this change. Our concern is thus not so much the Anthropocene as an immutable fact, inevitable event, or definitive period of time (significant though these are), but rather for the political, social, and intellectual consequences of this important idea. Thus we seek to understand the creativity of "The Anthropocene" as a political, rhetorical, and social category. We also aim to examine the networks of capital and power that have given rise to the current state of planetary change, the strategies for ameliorating those changes, and how these are simultaneously implicated in the rhetorical creation of "The Anthropocene".

Fall 2019: ANTH UN3861

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3861	001/00085	W 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Patrick Nason	4	16/20

ANTH BC3871 Senior Thesis Seminar: Problems in Anthropological Research. 4 points.

Prerequisites: Limited to Barnard Anthropology Seniors. Offered every Fall. Discussion of research methods and planning and writing of a Senior Essay in Anthropology will accompany research on problems of interest to students, culminating in the writing of individual Senior Essays. The advisory system requires periodic consultation and discussion between the student and her adviser as well as the meeting of specific deadlines set by the department each semester. Limited to Barnard Senior Anthropology Majors.

Fall 2019: ANTH BC3871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3871	001/06912	M 4:10pm - 6:00pm 502 Diana Center	Lesley Sharp, Nadia Abu El-Haj, Severin Fowles	4	15/30

ANTH UN3880 Listening: An Ethnography of Sound. 4 points.

Prerequisites: the instructor's permission.

This course explores the possibilities of an ethnography of sound by attending to a range of listening encounters: in urban soundscapes of the city and in natural soundscapes of acoustic ecology; from histories of audible pasts and echoes of auditory cultural spaces; through repeated listenings in the age of electronic reproduction, and through chance encounters at the limits of listening with experimental music. Sound, noise, voice, reverberation, and silence, from the technological resonances produced by Edison, Bell, and others, to the theoretical reflections of John Cage and beyond: the course turns away from the screen and dominant epistemologies of the visual, for an extended moment, in active pursuit of sonorous objects and cultural sonorities.

ANTH UN3933 Arabia Imagined. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores Arabia as a global phenomenon. It is organized around primary texts read in English translation. The site of the revelation of the Quran and the location of the sacred precincts of Islam, Arabia is the destination of pilgrimage and the direction of prayer for Muslims worldwide. It also is the locus of cultural expression ranging from the literature of the 1001 Nights to the broadcasts of Al Jazeera. We begin with themes of contemporary youth culture and political movements associated with the Arab Spring. Seminar paper.

ANTH UN3949 Sorcery and Magic. 4 points.

Enrollment limited to 40.

Prerequisites: the instructor's permission.

What is sorcery? What is shamanism? Role of storytelling in healing New World and Old based on instructor's experience

ANTH UN3997 Supervised Individual Research Course In Anthropology. 2-6 points.

Prerequisite: the written permission of the staff member under whose supervision the research will be conducted.

Fall 2019: ANTH UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3997	001/45215		Brian Boyd	2-6	0/10
ANTH 3997	002/45216		Myron Cohen	2-6	0/10
ANTH 3997	003/45217		Maria Jos de Abreu	2-6	0/10

ANTH 3997	004/45218	Zoe Crossland	2-6	0/10
ANTH 3997	005/45219	Terence D'Altroy	2-6	1/10
ANTH 3997	006/45220	Paige West	2-6	2/10
ANTH 3997	007/45221	Camilla Sturm	2-6	1/10
ANTH 3997	008/45222	Catherine Fennell	2-6	0/10
ANTH 3997	010/45223	Marilyn Ivy	2-6	0/10
ANTH 3997	014/45224	Ellen Marakowitz	2-6	1/10
ANTH 3997	015/45225	Naor Ben-Yehoyada	2-6	0/10
ANTH 3997	016/45226	Rosalind Morris	2-6	0/10
ANTH 3997	017/45227	John Pemberton	2-6	0/10
ANTH 3997	018/45228	Elizabeth Povinelli	2-6	0/10
ANTH 3997	019/45229	Nan Rothschild	2-6	0/10
ANTH 3997	021/45230	Partha Chatterjee	2-6	0/10
ANTH 3997	022/45231	Karen Seeley	2-6	0/10
ANTH 3997	023/45232	Audra Simpson	2-6	0/10
ANTH 3997	024/45233	Michael Taussig	2-6	2/10
ANTH 3997	026/45234	Lila Abu-Lughod	2-6	0/10
ANTH 3997	029/45235	Ralph Holloway	2-6	0/10
ANTH 3997	031/45236	Steven Gregory	2-6	0/10
ANTH 3997	032/45237	Brinkley Messick	2-6	0/10
ANTH 3997	033/45238	Mahmood Mamdani	2-6	0/10
ANTH 3997	034/45239	David Scott	2-6	0/10
ANTH 3997	035/45240	Nadia Abu El-Haj	2-6	0/10
ANTH 3997	036/45241	Claudio Lomnitz	2-6	0/10
ANTH 3997	044/45242	Lesley Sharp	2-6	0/10
ANTH 3997	045/45243		2-6	0/10

ANTH UN3999 The Senior Thesis Seminar in Anthropology. 4 points.

Enrollment limited to 15. Open to CC and GS majors in Anthropology only.

Prerequisites: The instructor's permission. Students must have declared a major in Anthropology prior to registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming

academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term.

This two-term course is a combination of a seminar and a workshop that will help you conduct research, write, and present an original senior thesis in anthropology. Students who write theses are eligible to be considered for departmental honors. The first term of this course introduces a variety of approaches used to produce anthropological knowledge and writing; encourages students to think critically about the approaches they take to researching and writing by studying model texts with an eye to the ethics, constraints, and potentials of anthropological research and writing; and gives students practice in the seminar and workshop formats that are key to collegial exchange and refinement of ideas. During the first term, students complete a few short exercises that will culminate in a substantial draft of one discrete section of their senior project (18-20 pages) plus a detailed outline of the expected work that remains to be done (5 pages).

The spring sequence of the anthropology thesis seminar is a writing intensive continuation of the fall semester, in which students will have designed the research questions, prepared a full thesis proposal that will serve as a guide for the completion of the thesis and written a draft of one chapter. Only those students who expect to have completed the fall semester portion of the course are allowed to register for the spring; final enrollment is contingent upon successful completion of first semester requirements.

In spring semester, weekly meetings will be devoted to the collaborative refinement of drafts, as well as working through issues of writing (evidence, voice, authority etc.). All enrolled students are required to present their project at a symposium in the late spring, and the final grade is based primarily on successful completion of the thesis/ capstone project.

Note: The senior thesis seminar is open to CC and GS majors in Anthropology only. It requires the instructor's permission for registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students should communicate with the thesis instructor and the director of undergraduate study in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. Enrollment limit is 15.

Requirements: Students must have completed the requirements of the first semester of the sequence and seek instructor approval to enroll in the second.

Fall 2019: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 3999	001/45124	Th 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Lila Abu- Lughod	4	9/15
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Spring 2020: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/11182	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Catherine Fennell	4	9/10

ARCHAEOLOGY**ANTH UN1007 The Origins of Human Society. 3 points.**

Mandatory recitation sections will be announced first week of classes.

An archaeological perspective on the evolution of human social life from the first bipedal step of our ape ancestors to the establishment of large sedentary villages. While traversing six million years and six continents, our explorations will lead us to consider such major issues as the development of human sexuality, the origin of language, the birth of “art” and religion, the domestication of plants and animals, and the foundations of social inequality. Designed for anyone who happens to be human.

Fall 2019: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1007	001/06909	T Th 2:40pm - 3:55pm 304 Barnard Hall	Severin Fowles	3	130

PHYSICAL ANTHROPOLOGY**SPRING 2020****SOCIOCULTURAL ANTHROPOLOGY****ANTH UN1002 The Interpretation of Culture. 3 points.**

The anthropological approach to the study of culture and human society. Case studies from ethnography are used in exploring the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies.

Fall 2019: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/45160	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Audra Simpson	3	89/120

Spring 2020: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/11181	M W 1:10pm - 2:25pm Room TBA	Paige West	3	115/120
ANTH 1002	002/12201	T Th 11:40am - 12:55pm Room TBA	Vanessa Agard-Jones	3	79/100

ANTH UN1008 The Rise of Civilization. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Mandatory recitation sections will be announced first week of classes. \$25.00 laboratory fee.

Corequisites: ANTH V1008

The rise of major civilization in prehistory and protohistory throughout the world, from the initial appearance of sedentism, agriculture, and social stratification through the emergence of the archaic empires. Description and analysis of a range of regions that were centers of significant cultural development: Mesopotamia, Egypt, the Indus River Valley, China, North America, and Mesoamerica. **DO NOT REGISTER FOR A RECITATION SECTION IF YOU ARE NOT OFFICIALLY REGISTERED FOR THE COURSE.**

Spring 2020: ANTH UN1008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/11183	T Th 11:40am - 12:55pm Room TBA	Terence D'Altroy	3	120/120

ANTH UN1009 Introduction to Language and Culture. 3 points.

This is an introduction to the study of the production, interpretation, and reproduction of social meanings as expressed through language. In exploring language in relation to culture and society, it focuses on how communication informs and transforms the sociocultural environment.

Fall 2019: ANTH UN1009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1009	002/06910	T Th 10:00am - 11:25am 324 Milbank Hall	Gretchen Pfeil	3	24/120

ANTH UN2005 Ethnographic Imagination. 3 points.

Introduction to the theory and practice of “ethnography”—the intensive study of peoples’ lives as shaped by social relations, cultural images, and historical forces. Considers through critical reading of various kinds of texts (classic ethnographies, histories, journalism, novels, films) the ways in which understanding, interpreting, and representing the lived words of people—at home or abroad, in one place or transnationally, in the past or the present—can be accomplished.

Spring 2020: ANTH UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2005	001/11204	T Th 4:10pm - 5:25pm Room TBA	Maria Jos de Abreu	3	44/120

ANTH UN2007 Indian and Nigerian Film Cultures. 3 points.

This class places into comparative focus one of the oldest and one of the newest forms of global cinema outside of the U.S. It introduces and examines these film industries - their platforms, histories, aesthetics, and place in postcolonial life. We will explore how nonwestern contexts of film production and exhibition offer alternative histories of film. Topics include: aesthetics and genre; space and urbanization; colonialism and postcolonialism, shifting

platforms of media exhibition, globalization, the notion of the popular and its relation to art.

ANTH UN2028 Think Like an Archaeologist: Introduction to Method & Theory. 4 points.

\$25 mandatory lab fee.

This course provides a comprehensive introduction to methods and theory in archaeology – by exploring how archaeologists work to create narratives about the past (and the present) on the basis on the material remains of the past. The course begins with a consideration of how archaeologists deal with the remains of the past in the present: What are archaeological sites and how do we ‘discover’ them? How do archaeologists ‘read’ or analyze sites and artifacts? From there, we will turn to the question of how archaeologists interpret these materials traces, in order to create narratives about life in the past. After a review of the historical development of theoretical approaches in archaeological interpretation, the course will consider contemporary approaches to interpreting the past.

Spring 2020: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/11187	T Th 10:10am - 11:25am Room TBA	Camilla Sturm	4	7/40

ANTH UN3040 Anthropological Theory I. 4 points.

Open to majors; all others with instructor's permission.

Prerequisites: an introductory course in anthropology. Institutions of social life. Kinship and locality in the structuring of society. Monographs dealing with both literate and nonliterate societies will be discussed in the context of anthropological fieldwork methods. Required of all Anthropology majors (and tracks) within the Barnard Department. As of Fall, 2018, UN 3040 replaces the two semester sequence of 3040/4041 Anthropological Theory I/II). Intended only for Barnard majors and minors.

Fall 2019: ANTH UN3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3040	001/06911	M W 10:00am - 11:25am 307 Milbank Hall	Lesley Sharp	4	15/40

ANTH UN3602 Stockholm Syndrome: Terror, Sympathy, Love. 4 points.

Why would the 1973 bank robbery that launched the term “Stockholm Syndrome” be invoked as an antecedent for a 2017 terror attack? How is it that talk about terrorism always seem to incite anxiety over errant sympathies, as per the adage “one person’s terrorist is another person’s freedom fighter”? This course explores how that which is done and said around terrorism over the course of the modern era has regimented our possibility of “feeling with” others, focusing particularly on the notion of sympathy developed by Adam Smith and David Hume in their seminal thinking about modern sociality. If every sentiment has a

history, as Michel Foucault holds, what might a reading of terror, through sympathy, tell us about the shifting bounds of politics, kinship and love in the contemporary moment? The course will explore such questions through consideration of primary sources from across a range of historical eras and regions, including Europe, the Middle East, the Subcontinent, Africa, the Caribbean, and the US. We will consider contemporary films, newspaper accounts, novels and historical archival material - alongside weekly readings from anthropology, history, philosophy and literary criticism. Teaching will be case-driven, asking students to respond to events and questions raised in the primary material, and will sustain a number of interlocking themes across the semester. In tackling their readings students will help each other think critically about contemporary issues of global import, while also exploring or re-engaging - in the case of advanced students - longstanding anthropological concerns with selfhood and sociality; the taboo and the queer; violence and law; governance and expertise drawing on canonical as well as contemporary texts. One 1 hour 50 min seminar will be given each week, which will include a lecture, student commentaries, and engaged in-class group discussions.

ANTH UN3728 Ethnographies of Black Life. 4 points.

This course explores themes that have shaped Anthropology’s (often fraught) engagement with Black life. We will critically examine texts that reveal the ways that the discipline and its practitioners have sought to interface with people and populations of African descent—and have sought to define the constitution of Blackness itself—in the Americas. Plumbing the dynamic relationship between historical and ethnographic inquiry, we will ask pressing questions not only about conditions of Black life (and Black death), but also about the production of knowledge about the people who live under Blackness’ sign. Finally, we will turn our collective attention to key issues in the practice, ethics, and politics of ethnography, while also immersing ourselves in the archives produced through ethnographic and auto-ethnographic practice, including those found in various NYC collections.

Spring 2020: ANTH UN3728

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3728	001/11499	T 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Vanessa Agard-Jones	4	6/14

ANTH UN3888 Ecocriticism for the End Times. 4 points.

Prerequisites: the instructor's permission.

This seminar aims to show what an anthropologically informed, ecocritical cultural studies can offer in this moment of intensifying ecological calamity. The course will not only engage significant works in anthropology, ecocriticism, philosophy, literature, politics, and aesthetics to think about the environment, it will also bring these works into engaged reflection on “living in the end times” (borrowing cultural critic Slavoj Žižek’s phrase). The seminar will thus locate critical perspectives on the environment within the contemporary worldwide ecological crisis, emphasizing the ethnographic realities of global warming, debates on nuclear power and energy, and the place of nature. Drawing on the professor’s long experience in Japan and current

research on the aftermath of the Fukushima Daiichi nuclear power plant disaster, the seminar will also take care to unpack the notion of "end times," with its apocalyptic implications, through close considerations of works that take on the question of ecocatastrophe in our times. North American and European perspectives, as well as international ones (particularly ones drawn from East Asia), will give the course a global reach.

Fall 2019: ANTH UN3888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3888	001/45267	W 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Marilyn Ivy	4	13/20

ANTH UN3912 Ethnographic China. 4 points.

Contemporary China through the writings of anthropologists who have done fieldwork there during the past decade.

Spring 2020: ANTH UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3912	001/11415	W 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Myron Cohen	4	10/20

ANTH UN3946 African Cultural Production. 4 points.

Enrollment limited to 15.

Prerequisites: Permission of the instructor required.

This course examines the political aesthetics of African cultural production and how that production provides sites from which African experiences of colonial and postcolonial life are articulated.

Spring 2020: ANTH UN3946

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3946	001/00434	T 2:10pm - 4:00pm Room TBA	Gretchen Pfeil	4	0/15

ANTH UN3947 Text, Magic, Performance. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: the instructor's permission.

This course pursues interconnections linking text and performance in light of magic, ritual, possession, narration, and related articulations of power. Readings are drawn from classic theoretical writings, colonial fiction, and ethnographic accounts. Domains of inquiry include: spirit possession, trance states, séance, ritual performance, and related realms of cinematic projection, musical form, shadow theater, performative objects, and (other) things that move on their own, compellingly. Key theoretical concerns are subjectivity - particularly, the conjuring up and displacement of self in the form of the first-person singular "I" - and the haunting power of repetition. Retraced throughout the course are the uncanny shadows of a fully possessed subject --within ritual contexts and within everyday life.

ANTH UN3966 Culture and Mental Health. 4 points.

Enrollment limited to 20.

Prerequisites: the instructor's permission. Limited to juniors & seniors.

This course considers mental disturbance and its relief by examining historical, anthropological, psychoanalytic and psychiatric notions of self, suffering, and cure. After exploring the ways in which conceptions of mental suffering and abnormality are produced, we look at specific kinds of psychic disturbances and at various methods for their alleviation.

ANTH UN3998 Supervised Individual Research Course In Anthropology. 2-6 points.

Prerequisite: the written permission of the staff member under whose supervision the research will be conducted.

Spring 2020: ANTH UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3998	001/11374		Brian Boyd	2-6	0/10
ANTH 3998	002/11375		Myron Cohen	2-6	0/10
ANTH 3998	003/11376		Paige West	2-6	0/10
ANTH 3998	004/11377		Zoe Crossland	2-6	0/10
ANTH 3998	005/11378		Terence D'Altroy	2-6	1/10
ANTH 3998	006/11379		Maria Jos de Abreu	2-6	0/10
ANTH 3998	007/11380		Severin Fowles	2-6	0/10
ANTH 3998	008/11381		Catherine Fennell	2-6	0/10
ANTH 3998	009/11382		Nadia Abu El-Haj	2-6	0/10
ANTH 3998	010/11383		Elizabeth Green	2-6	0/10
ANTH 3998	014/11384		Ellen Marakowitz	2-6	0/10
ANTH 3998	015/11385		David Harvey	2-6	0/10
ANTH 3998	016/11386		Rosalind Morris	2-6	0/10
ANTH 3998	017/11387		John Pemberton	2-6	0/10
ANTH 3998	021/11388		Partha Chatterjee	2-6	0/10
ANTH 3998	023/11389		Audra Simpson	2-6	0/10
ANTH 3998	024/11390		Michael Taussig	2-6	0/10
ANTH 3998	026/11391		Lila Abu-Lughod	2-6	0/10
ANTH 3998	030/11392		Lesley Sharp	2-6	0/10
ANTH 3998	031/11393		Steven Gregory	2-6	0/10
ANTH 3998	032/11429		Brinkley Messick	2-6	0/10
ANTH 3998	033/11394		Mahmood Mamdani	2-6	0/10
ANTH 3998	034/11395		David Scott	2-6	0/10

ANTH 3998	036/11430	Claudio Lomnitz	2-6	0/10
ANTH 3998	039/11396	Brian Larkin	2-6	0/10
ANTH 3998	042/11397	Marilyn Ivy	2-6	0/10
ANTH 3998	044/11398	Vanessa Agard-Jones	2-6	1/10
ANTH 3998	045/11399	Nan Rothschild	2-6	0/10
ANTH 3998	046/11431	Paige West	2-6	1/10
ANTH 3998	052/11400	Laurel Kendall	2-6	0/10

ANTH UN3999 The Senior Thesis Seminar in Anthropology. 4 points.

Enrollment limited to 15. Open to CC and GS majors in Anthropology only.

Prerequisites: The instructor's permission. Students must have declared a major in Anthropology prior to registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term.

This two-term course is a combination of a seminar and a workshop that will help you conduct research, write, and present an original senior thesis in anthropology. Students who write theses are eligible to be considered for departmental honors. The first term of this course introduces a variety of approaches used to produce anthropological knowledge and writing; encourages students to think critically about the approaches they take to researching and writing by studying model texts with an eye to the ethics, constraints, and potentials of anthropological research and writing; and gives students practice in the seminar and workshop formats that are key to collegial exchange and refinement of ideas. During the first term, students complete a few short exercises that will culminate in a substantial draft of one discrete section of their senior project (18-20 pages) plus a detailed outline of the expected work that remains to be done (5 pages).

The spring sequence of the anthropology thesis seminar is a writing intensive continuation of the fall semester, in which students will have designed the research questions, prepared a full thesis proposal that will serve as a guide for the completion of the thesis and written a draft of one chapter. Only those students who expect to have completed the fall semester portion of the course are allowed to register for the spring; final enrollment is contingent upon successful completion of first semester requirements.

In spring semester, weekly meetings will be devoted to the collaborative refinement of drafts, as well as working through issues of writing (evidence, voice, authority etc.). All enrolled

students are required to present their project at a symposium in the late spring, and the final grade is based primarily on successful completion of the thesis/ capstone project.

Note: The senior thesis seminar is open to CC and GS majors in Anthropology only. It requires the instructor's permission for registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students should communicate with the thesis instructor and the director of undergraduate study in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. Enrollment limit is 15.

Requirements: Students must have completed the requirements of the first semester of the sequence and seek instructor approval to enroll in the second.

Fall 2019: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/45124	Th 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Lila Abu-Lughod	4	9/15

Spring 2020: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/11182	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Catherine Fennell	4	9/10

ANTH GU4345 Neanderthal Alterities. 3 points.

Enrollment priorities: Graduate students, and 3rd & 4th year undergraduates only

Using "The Neanderthals" partly as a metaphorical device, this course considers the anthropological, philosophical and ethical implications of sharing the world with another human species. Beginning from a solid grounding in the archaeological, biological and genetic evidence, we will reflect critically on why Neanderthals are rarely afforded the same reflexive capacities, qualities and attributes - agency- as anatomically modern humans, and why they are often regarded as "lesser" or nonhuman animals despite clear evidence for both sophisticated material and social engagement with the world and its resources. Readings/materials are drawn from anthropology, philosophy, ethics, gender studies, race and genetics studies, literature and film.

ANTH GU4481 Science and Art in Archaeological Illustration. 4 points.

Archaeology has provided a rich imaginative resource for many artists, who have found inspiration in the discipline's material engagement with the past, its evocation of absent presences, and its strange juxtaposition of practical activity and textual narrative. In this course we continue the exploration of art's intersections with archaeology, but we take an alternate starting point. Scientific illustration has been a key part of archaeological

work since the discipline's origins in the antiquarian investigations of the 16th and 17th centuries. These antiquarian records drew upon techniques that were elaborated during the Renaissance and many of these illustrative forms remain relevant today.

CSER UN3942 Race and Racisms. 4 points.

In this class we will approach race and racism from a variety of disciplinary and intellectual perspectives, including: critical race theory/philosophy, anthropology, history and history of science and medicine. We will focus on the development and deployment of the race concept since the mid-19th century. Students will come to understand the many ways in which race has been conceptualized, substantiated, classified, managed and observed in the (social) sciences, medicine, and public health. We will also explore the practices and effects of race (and race-making) in familiar and less familiar social and political worlds. In addition to the course's intellectual content, students will gain critical practice in the seminar format -- that is, a collegial, discussion-driven exchange of ideas.

Spring 2020: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/50596	W 2:10pm - 4:00pm Room TBA	Catherine Fennell	4	16/30

ARCHAEOLOGY

ANTH UN1008 The Rise of Civilization. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Mandatory recitation sections will be announced first week of classes. \$25.00 laboratory fee.

Corequisites: ANTH V1008

The rise of major civilization in prehistory and protohistory throughout the world, from the initial appearance of sedentism, agriculture, and social stratification through the emergence of the archaic empires. Description and analysis of a range of regions that were centers of significant cultural development: Mesopotamia, Egypt, the Indus River Valley, China, North America, and Mesoamerica. **DO NOT REGISTER FOR A RECITATION SECTION IF YOU ARE NOT OFFICIALLY REGISTERED FOR THE COURSE.**

Spring 2020: ANTH UN1008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/11183	T Th 11:40am - 12:55pm Room TBA	Terence D'Altroy	3	120/120

ANTH UN2028 Think Like an Archaeologist: Introduction to Method & Theory. 4 points.

\$25 mandatory lab fee.

This course provides a comprehensive introduction to methods and theory in archaeology – by exploring how archaeologists work to create narratives about the past (and the present) on the basis on the material remains of the past. The course begins with a consideration of how archaeologists deal with the remains of the past in the present: What are archaeological sites and how

do we 'discover' them? How do archaeologists 'read' or analyze sites and artifacts? From there, we will turn to the question of how archaeologists interpret these materials traces, in order to create narratives about life in the past. After a review of the historical development of theoretical approaches in archaeological interpretation, the course will consider contemporary approaches to interpreting the past.

Spring 2020: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/11187	T Th 10:10am - 11:25am Room TBA	Camilla Sturm	4	7/40

ANTH GU4345 Neanderthal Alterities. 3 points.

Enrollment priorities: Graduate students, and 3rd & 4th year undergraduates only

Using "The Neanderthals" partly as a metaphorical device, this course considers the anthropological, philosophical and ethical implications of sharing the world with another human species. Beginning from a solid grounding in the archaeological, biological and genetic evidence, we will reflect critically on why Neanderthals are rarely afforded the same reflexive capacities, qualities and attributes - agency- as anatomically modern humans, and why they are often regarded as "lesser" or nonhuman animals despite clear evidence for both sophisticated material and social engagement with the world and its resources. Readings/materials are drawn from anthropology, philosophy, ethics, gender studies, race and genetics studies, literature and film.

ANTH GU4481 Science and Art in Archaeological Illustration. 4 points.

Archaeology has provided a rich imaginative resource for many artists, who have found inspiration in the discipline's material engagement with the past, its evocation of absent presences, and its strange juxtaposition of practical activity and textual narrative. In this course we continue the exploration of art's intersections with archaeology, but we take an alternate starting point. Scientific illustration has been a key part of archaeological work since the discipline's origins in the antiquarian investigations of the 16th and 17th centuries. These antiquarian records drew upon techniques that were elaborated during the Renaissance and many of these illustrative forms remain relevant today.

PHYSICAL ANTHROPOLOGY

ANTH GU4148 The Human Skeletal Biology II. 3 points.

Enrollment limit is 12 and Instructor's permission required.

Recommended for archaeology and physical anthropology students, pre-meds, and biology majors interested in the human skeletal system. Intensive study of human skeletal materials using anatomical and anthropological landmarks to assess sex, age, and ethnicity of bones. Other primate skeletal materials and fossil casts used for comparative study.

Spring 2020: ANTH GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4148	001/11653	W 12:10pm - 2:00pm 865 Ext Schermerhorn Hall	Ralph Holloway	3	8/12

ANTH GU4002 Controversial Topics in Human Evolution. 3 points.

Enrollment limited to 10.

Prerequisites: an introductory biological/physical anthropology course and the instructor's permission.

Controversial issues that exist in current biological/physical anthropology, and controversies surrounding the descriptions and theories about particular fossil hominid discoveries, such as the earliest australopithecines, the diversity of *Homo erectus*, the extinction of the Neandertals, and the evolution of culture, language, and human cognition.

OF RELATED INTEREST**Anthropology (Barnard)**

ANTH BC3868	Ethnographic Field Research in New York City
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Center for the Study of Ethnicity and Race

CSER UN3904	Rumor and Racial Conflict
CSER UN3924	Latin American and Latina/o Social Movements
CSER UN3990	Senior Project Seminar

Ecology, Evolution, and Environmental Biology

EEEB GU4700	Race: The Tangled History of a Biological Concept
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Women's and Gender Studies

WMST UN1001	Introduction to Women's and Gender Studies
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ARCHAEOLOGY

The Columbia Center for Archaeology (<http://www.columbia.edu/cu/archaeology/>): 965 Schermerhorn Extension

Director of Undergraduate Studies: Prof. Terence D'Altroy, 961 Schermerhorn; 212-854-2131; tnd1@columbia.edu

Archaeology is the study of the material conditions inhabited and acted upon by people in the past and present. Investigation of the past through the study of material remains is entangled with historiography, politics, and individual and collective memory, and is implicated in the production of present-day identities. Archaeology has come to mean many things to different generations of scholars, yet all approaches share in common a focus on the physical remains of the past and on the interpretive acts that enliven these remains and are challenged by them.

At Columbia, archaeology is a multidisciplinary field practiced by faculty and students in the humanities, social sciences, and natural sciences. At present, there are faculty in the Departments

of Anthropology; Art History and Archaeology; Classics; East Asian Languages and Cultures; Historic Preservation; History; Middle Eastern, South Asian, and African Studies; as well as in the Center for Environmental Research and Conservation, the Institute for Research on Women and Gender, and the Lamont-Doherty Earth Observatory, all of whom conduct research on prehistory, ancient society, or historical archaeology.

Among locations in which students and faculty are conducting or participating in field programs are Argentina, Peru, Central America, the North American Southwest, New York City, upstate New York, the UK, France, Italy, Greece, Turkey, Egypt, Yemen, Israel, Palestine, and Madagascar. Archaeologists at Columbia also work with professionals at a wide range of institutions in New York. Among the institutions at which students in particular programs may conduct research, or work on internships, are the American Museum of Natural History, the Brooklyn Museum, the Metropolitan Museum of Art, the Museum of the City of New York, the National Museum of the American Indian, the New York Botanical Garden, and the South Street Seaport Museum.

DEPARTMENTAL HONORS

For the requirements for departmental honors, please check with the program advisers. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Zainab Bahrani
Terence D'Altroy
Holger Klein
Feng Li
Kristina Milnor (Barnard)
Stephen Murray
Esther Pasztory (*emerita*)
Nan Rothschild (Barnard, *emerita*)
Marc Van De Mieroop

ASSOCIATE PROFESSORS

Francesco Benelli
Zoë Crossland
Francesco de Angelis
Severin Fowles (Barnard)
Ioannis Mylonopoulos

ASSISTANT PROFESSORS

Ellen Morris (Barnard)
Marco Maiuro

ADJUNCT/VISITING PROFESSORS

Brian Boyd
Megan O'Neil (Barnard)
Walter Pitman
Adam Watson
Norman Weiss
George Wheeler

LECTURERS

Clarence Gifford
Jill Shapiro

ON LEAVE

GUIDELINES FOR ALL ARCHAEOLOGY MAJORS AND CONCENTRATORS

Courses

It is recommended that archaeology students consider introductory courses in Earth and environmental sciences, environmental biology, and/or chemistry for their Core Curriculum science requirement.

For information on upper-level graduate courses and courses in historic preservation, please see the program advisers. Decisions about upper-level, related, or seminar courses that are not on this list and their applicability to the major or concentration in archaeology should be made in consultation with the program advisers.

Graduate Study

Students intending to pursue graduate degrees in archaeology should be aware that a reading knowledge of two languages is often required as part of graduate study. Further, although language courses do not count toward the major or concentration, students are encouraged to acquire language training that is relevant to their particular interests in archaeology.

MAJOR IN ARCHAEOLOGY

Please read *Guidelines for all Archaeology Majors and Concentrators* above.

The program of study should be planned as early as possible with the program advisers, preferably before the end of the sophomore year and no later than the beginning of the junior year. The major in archaeology requires a total of 30 points within the major and 9 points of related courses as follows:

Two introductory courses:

ACLG UN2028	Pasts, Presents & Futures: An Introduction to 21st Century Archaeology
ANTH UN1008	The Rise of Civilization
or ANTH UN1007	The Origins of Human Society

Select two upper-level courses from different regions of the world, in addition to three other upper-level courses, planned in consultation with the program advisers.

Participation of four to six weeks in field projects with which Columbia University is affiliated, independent study in excavation or other field projects, or relevant museum internship and/or lab work.*

Select one laboratory course in archaeology or its equivalent in the field, as approved by the program advisers.

The capstone seminar in archaeology:

ANTH UN3993	World Archaeologies/Global Perspectives
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Select 9 points of related courses, planned with the program advisers in accordance with the student's interests.

A senior thesis is recommended for students planning to pursue a graduate degree.***

- * The field, school, project, or internship must be approved in advance by the program advisers, and arrangements should be made in advance with the director of undergraduate studies for credits to be accepted as part of the degree. For more information, see the Center for Archaeology (<http://www.columbia.edu/cu/archaeology/>) website.
- ** Taught alternate years, preferably taken in the junior or senior year, or a substitute seminar to be decided with the advance approval of the director of undergraduate studies. Students who are writing a thesis may substitute a thesis seminar for this requirement.
- *** Topics should be discussed with a faculty adviser during the junior year, allowing time for planning, research, and travel during the following summer. In the senior year, students may register for two semesters of senior thesis study with their adviser, e.g., ANTH UN3997 Supervised Individual Research Course In Anthropology or ANTH UN3999 The Senior Thesis Seminar in Anthropology, to cover the writing of the thesis. The final draft of the thesis must be submitted by March 25. (See the Center for Archaeology (<http://www.columbia.edu/cu/archaeology/>) webpages for more information.)

CONCENTRATION IN ARCHAEOLOGY

Please read *Guidelines for all Archaeology Majors and Concentrators* above.

The program of study should be planned with the program advisers. The concentration in archaeology requires a total of 21 points from within anthropology, art history and archaeology, and other approved departments, with no more than four courses being taken within any single department. Requirements for the concentration are as follows:

Select one of the following introductory courses:

ANTH UN1007	The Origins of Human Society
ANTH UN1008	The Rise of Civilization
ACLG UN2028	Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

Select one seminar or colloquium in the Departments of Anthropology, Art History and Archaeology, Classics, or History, as approved by the program advisers.

Select three upper-level courses, including at least one from two different regions of the world.

Select one related course, planned with the program advisers in accordance with the student's interests.

ACLG UN2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology. 3 points.

This course provides a comprehensive introduction to archaeology. We start with a critical overview of the origins of the discipline in the 18th and 19th centuries, and then move on to consider key themes in current archaeological thinking. These include 'time and the past: what is the difference'? What are archaeological sites and how do we 'discover' them? How is the relationship between the living and the dead negotiated through archaeological practice? What are the ethical issues? How do we create narratives from archaeological evidence? Who gets written in and out of these histories? Archaeology in film and media is also covered.

OF RELATED INTEREST

Ancient Studies

ANCS UN3995	The Major Seminar
ANCS V3135	Ancient Novel
ANCS UN3998	Directed Research In Ancient Studies

Anthropology

ANTH UN1007	The Origins of Human Society
ANTH UN1008	The Rise of Civilization
ANTH UN3300	Pre-Columbian Histories of Native America
ANTH UN3823	Archaeology Engaged: The Past in the Public Eye
ANTH UN3970	Biological Basis of Human Variation
ANTH UN3993	World Archaeologies/Global Perspectives
ANTH UN3997	Supervised Individual Research Course In Anthropology
ANTH GU4147	Human Skeletal Biology I
ANTH GU4200	Fossil Evidence of Human Evolution

Art History and Archaeology

AHIS UN2601	The Arts of Japan
AHIS W3230	Medieval Architecture
AHIS UN3248	Greek Art and Architecture
AHIS UN3250	Roman Art and Architecture
AHUM UN2604	Art In China, Japan, and Korea
AHUM UN3342	Masterpieces of Indian Art and Architecture
AHIS C3997	Senior Thesis
AHIS W4155	Art and Archaeology of Mesopotamia

Classics

CLCV GU4110	Gender and Sexuality In Ancient Greece
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Earth and Environmental Sciences

EESC UN1001	Dinosaurs and the History of Life: Lectures and Lab
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EESC UN3010	Field Geology
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East Asian Languages and Cultures

ASCE UN1359	Introduction to East Asian Civilizations: China
ASCE UN1361	Introduction to East Asian Civilizations: Japan
HSEA GU4725	Tibetan Visual & Material History
HSEA W4869	History of Ancient China to the End of Han

History

HIST UN1004	Ancient History of Egypt
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Middle Eastern, South Asian, and African Studies

AHUM UN2901	Masterpieces of Indian Art and Architecture
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ARCHITECTURE

Departmental Office:

500 The Diana Center

212-854-8430

architecture.barnard.edu (<https://architecture.barnard.edu/>)

architecture@barnard.edu

Director of Undergraduate Studies:

Professor Karen Fairbanks

(212) 854-8431

kfairban@barnard.edu

Senior Department Assistant:

Rachel Garcia-Grossman

(212) 854-8430

rgarciag@barnard.edu

THE DEPARTMENT OF ARCHITECTURE

Mission

The Architecture major establishes an intellectual context for students to interpret the relation of form, space, program, materials and media to human life and thought. Through the Architecture curriculum, students participate in the ongoing shaping of knowledge about the built environment and learn to see architecture as one among many forms of cultural production. At the same time, the major stresses the necessity of learning disciplinary-specific tools, methods, terms and critiques. Thus, work in the studio, lecture or seminar asks that students treat architecture as a form of research and speculation which complement the liberal arts mission of expansive thinking.

Undergraduate Study in Architecture

Studying Architecture at Barnard College, Columbia College, and General Studies leads to a liberal arts degree – a Bachelor of Arts with a major in Architecture, and Barnard College is the

administrative location for all undergraduate architecture studies at Columbia University and its partner institutions. A liberal arts education in architecture holds a unique position in academia and in relation to the discipline. If the goal of a professional education in architecture is to enable students to participate directly in the world as an architect – a liberal arts education asks that students consider the broader and myriad conditions in which architecture is conceived and practiced and, in turn, to understand how architecture inevitably alters those conditions. Students are asked to confront and interpret the complex social, cultural, political, and environmental processes that weave through architectural design and urbanism. The purpose of an undergraduate liberal arts degree in architecture is to educate students to think about the world through architecture.

The Architecture curriculum introduces design at a variety of scales, acknowledging that integrated design thinking is effective for problem solving at any scale and in any discipline. Students will experiment with full-scale installations and devices and make small-scale models of urban conditions from which they extract, interpret and invent new possibilities of inhabitation and use. The curriculum intentionally balances the traditions of handcrafted representation with evolving digital technologies of architectural design and communication.

The Architecture major complements, and makes great use of its University setting. With access to superb libraries, research centers, graduate programs, and abundant intellectual resources, our students have the opportunity to follow their creative instincts to great depth and breadth – and they do. The major depends on New York City as more than a convenient site for many design and research projects and frames the City as one of the key social and architectural, and thus didactic, markers of Modernity. Architecture students study with peers from countries around the world in one of the most diverse cities in the world. A large majority of the Architecture students expand their education by interning in Architecture or a related field during their undergraduate studies. Alumni of the Department are leaders in architecture and design fields around the world. The faculty teaching in the undergraduate program are dedicated teachers who are also at the forefront of practice and research and are similarly drawn to New York City as a nexus of global design thinking.

Students interested in obtaining a professional degree in Architecture continue on to graduate programs after their undergraduate degree, and students from the Barnard-Columbia program have enjoyed enormous success in their admissions to the most competitive graduate programs in the country. Students who study Architecture as undergraduates have also pursued graduate degrees in a variety of disciplines including Urban Planning, Law, and Media and Communications.

Student Learning Outcomes

Students in the Architecture Majors who fully engage with the curriculum should be able to complete the following outcomes:

- Apply integrated design thinking to specific problems in and beyond the discipline;
- Visually communicate architectural concepts and research using discipline-specific techniques in multiple media;
- Verbally present independent, group or assigned research, in multiple media formats;
- Organize and concisely write in a variety of formats including reports, case studies, synthetic overviews, etc.;
- Understand and critically interpret major buildings and themes of Architectural history and theory;
- Be intellectually prepared for graduate studies in architecture and related disciplines.

Departmental Honors

Senior requirements (a portfolio and research paper from a previous architecture course) are used to award departmental honors. Students must have a grade point average of at least 3.6 in classes for the major. Normally no more than 10% of the graduating majors in the department each year receive departmental honors.

Professors of Professional Practice:

Karen Fairbanks (Chair)
Kadambari Baxi

Assistant Professors:

Anooradha Iyer Siddiqi
Ralph Ghoche

Term Assistant Professor of Professional Practice:

Ignacio G. Galán

Adjunct Professors:

Joeb Moore
Madeline Schwartzman
Suzanne Stephens

Adjunct Assistant Professors:

Severino Alfonso Dunn
Ana Penalba
Todd Rouhe
Brad Samuels
Fred Tang
Irina Verona

MAJOR IN ARCHITECTURE

The major in architecture requires a total of 14 courses, distributed as follows:

Studio Courses

Four studio courses, to be taken one per semester (studio courses have limited enrollment and priority is given to Architecture majors):

ARCH UN3101	Architectural Representation: Abstraction
ARCH UN3103	Architectural Representation: Perception

ARCH UN3201 Architectural Design, I

ARCH UN3202 Architectural Design, II

Required History/Theory Courses *

Five elective courses following the distribution requirement below:

ARCH UN3117 Modern Architecture in the World

One course with a topic that is pre-1750

One course with a topic that is post-1750

Two electives (it is suggested that one of these be on a non-western topic)

Senior Courses *

ARCH UN3901 Senior Seminar

Either a second Senior Seminar (from our program), a seminar from a related department (and related to student's disciplinary specialization/cluster), Architectural Design III, or Independent Research

Cluster of Related Courses

Three courses that relate to a single topic or theme that is relevant to architecture. Courses for the cluster may be taken in any department and may not overlap with any other courses for the major (e.g. history/theory courses or senior courses). All cluster courses should be selected in consultation with a major adviser.

Senior Requirements

Portfolio

Research Paper from Senior Seminar or Senior Course

* These are courses offered by the architecture department or other applicable departments offered within the University. Students should consult the program office for a list of applicable courses each semester.

ARCH UN1010 Design Futures: New York City. 3 points.

How does design operate in our lives? What is our design culture? In this course, we explore the many scales of design in contemporary culture -- from graphic design to architecture to urban design to global, interactive, and digital design. The format of this course moves between lectures, discussions, collaborative design work and field trips in order to engage in the topic through texts and experiences.

Fall 2019: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/06940	F 1:10pm - 4:25pm 504 Diana Center	Hua Tang	3	20/100
ARCH 1010	002/00161	F 1:10pm - 4:25pm 501 Diana Center	Virginia Black	3	20/100

Spring 2020: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00582	W 1:10pm - 4:25pm Room TBA	Richard Rouhe	3	48
ARCH 1010	002/00682	F 1:10pm - 4:25pm Room TBA		3	52

ARCH UN1020 Introduction To Architectural Design and Visual Culture. 3 points.

Introductory design studio to introduce students to architectural design through readings and studio design projects. Intended to develop analytic skills to critique existing media and spaces. Process of analysis used as a generative tool for the students' own design work. Must apply for placement in course. Priority to upperclass students. Class capped at 16.

Fall 2019: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/06953	M W 1:10pm - 3:00pm 116b Lewisohn Hall	Richard Rouhe	3	13/100

Spring 2020: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00584	T Th 9:00am - 11:00am Room TBA		3	23

ARCH UN2505 Architectural Histories of Colonialism and Humanitarianism. 3 points.

This course examines the connected histories of colonialism and humanitarianism through architecture. In doing so, it takes seriously the concerns and problematics of decolonizing the study of architectural history. The central premise of the course is to reverse the terms by which humanitarianism and colonialism are usually understood and to excavate new meanings of each through histories of architectures and constructed environments. We will attempt this by studying iconic forms: refugee camps and detainment centers, colonial expositions and museums, governmental headquarters and emergency field sites, and territories of consequence to colonial and national powers. Humanitarianism, an ideological manifestation of modernity and liberal thought, is governed by terms of urgency and rarely considered in a historical framing or seen as directly related to colonial structures. Meanwhile, colonialism is usually examined within particular places and narratives as a historical category, rather than a condition or process enacted by architectural forms, spaces, and practices. The paradoxes and problems of humanitarianism thus enable a rethinking of the extension of colonial practice into postcolonial environments, with architectures and their histories offering concrete iterations and theoretical models for understanding buried links between the two. This course has no prerequisites, and will introduce students to themes and cases (in Africa, Asia, and the Americas) through lectures, discussions of shared readings, and presentations of independent work by participants.

ARCH UN3101 Architectural Representation: Abstraction. 4 points.

Prerequisites: Enrollment limited to 16 students per section. Recommended for the sophomore year. Students work in a studio environment.

Introduction to design through analysis of abstract architectural space and form. Emphasis on the design process and principles of representations through architectural drawing and model making.

Michael
Schissel

Fall 2019: ARCH UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3101	001/06943	M W 9:00am - 11:50am 404 Diana Center	Diana Cristobal Olave	4	15/100
ARCH 3101	002/06944	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4	10/100

Spring 2020: ARCH UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3101	001/00585	M W 9:00am - 11:50am Room TBA	Richard Rouhe	4	29

ARCH UN3103 Architectural Representation: Perception. 4 points.

Prerequisites: Students work in a studio environment. Recommended for the sophomore year. Enrollment limited to 16 students per section.

Introduction to design through studies in the perception of architectural space and form. Emphasis on exploratory, inventive processes for the generation, development, and representation of ideas in a variety of media. Must apply for placement in course. Class capped at 16.

Fall 2019: ARCH UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3103	001/06945	T Th 9:00am - 11:50am 404 Diana Center	Miku Dixit	4	15/100

Spring 2020: ARCH UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3103	001/00586	T 9:00am - 11:50am Room TBA	Lindsay Harkema	4	24
ARCH 3103	002/00587	M W 10:00am - 12:50pm Room TBA	Madeline Schwartzman	4	10

ARCH UN3201 Architectural Design, I. 4 points.

Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor.

Introduction to architectural design taught in a studio environment, through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. Portfolio of design work from Architectural Representation: Abstraction and Perception will be reviewed the first week of classes.

Fall 2019: ARCH UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3201	001/06952	M W 9:00am - 11:50am 116b Lewisohn Hall	Karen Fairbanks, Joe Moore,	4	23/40

ARCH UN3202 Architectural Design, II. 4 points.

Prerequisites: ARCH V3201. Open to architecture majors or with permission of instructor.

Studio workshop continuation of *ARCH V3201*. Emphasis on the manipulation of an architectural vocabulary in relationship to increasingly complex conceptual, social, and theoretical issues. Field trips, lectures, and discussions are organized in relation to studio exercises.

Spring 2020: ARCH UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3202	001/00588	M W 9:00am - 11:50am Room TBA	Kadambari Baxi, Irina Verona, Ignacio Gonzalez Galan	4	22

ARCH UN3211 Architectural Design, III. 5 points.

Prerequisites: A design portfolio and application is required for this course. The class list will be announced before classes start. Further exploration of the design process through studio work. Programs of considerable functional, contextual, and conceptual complexity are undertaken. Portfolio required for review first day of fall semester or earlier, as requested by the department. Class list based on portfolio review will be formed by first class meeting.

Fall 2019: ARCH UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3211	001/06941	M W 9:00am - 11:50am 404 Diana Center	Kadambari Baxi	5	10/30

ARCH UN3117 Modern Architecture in the World. 3 points.

Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor. How has architecture been "modern"? This course will introduce students to things, practices, figures, and ideas behind this contentious and contradictory concept, emerging in multiple locations around the world. Students in this course will learn about architecture as it was practiced, taught, thought, and experienced across landscapes of social and cultural difference during the past two centuries. Learning about the past through historical consciousness around architecture and investigating the history of architecture as a discursive field are fundamental to liberal arts thinking generally, and important for students in architecture, the history and theory of architecture, art history, and urban studies. Students in this course will be introduced to:

Architecture as enmeshed with other forms of cultural production

Culturally-specific intellectual and public debates around the architectural and urban

Makers, thinkers, and organizers of the designed or built environment

Geographies, territories, and mobilities associated with architecture as an end or means for material extraction, refinement, trade, labor, and construction

Sites, institutions, media, events, and practices which have come to hold meaning

Modernity, modernism, and modernization in relation to each other, as social, cultural, and technological drivers holding stakes for past events as well their histories.

In this course, we will ask questions about ideas and practices within disparate socially-and culturally-constructed worlds, and across other asymmetries. For example, can we draw a coherent historical thread through Lisbon in 1755, Bombay in 1854, Moscow in 1917, the moon in 1969, and al-Za'atari refugee camp in 2016? Are such narratives of coherence themselves the trace of the modernist impulse in architectural history? In this course, we will study modern architecture's references to an art of building as well the metaphors it gives rise to. Embedded in this examination are social and cultural questions of who made and thought modern architecture, and aesthetic and historical questions around the figure of the architect.

Spring 2020: ARCH UN3117

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3117	001/00589	T Th 1:10pm - 2:25pm Room TBA	Anooradha Siddiqi	3	44

ARCH UN3312 Special Topics In Architecture. 3 points.

Prerequisites: Prerequisite is the completion of one architecture studio or similar. Must apply for placement in course. Topics vary yearly. Course may be repeated for credit.

Fall 2019: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/06957	M W 4:10pm - 6:00pm 113 Milstein Center	Irina Verona	3	6/100
ARCH 3312	002/06956	T Th 10:00am - 11:50am Room TBA	Jason Kim	3	9/100

Spring 2020: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/00743	T Th 4:10pm - 6:00pm Room TBA	Diana Cristobal Olave	3	5

ARCH UN3901 Senior Seminar. 4 points.

Readings, individual class presentations, and written reports.

Fall 2019: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/06955	T 10:10am - 12:00pm Room TBA	Anooradha Siddiqi	4	10/100

Spring 2020: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00591	Th 12:10pm - 2:00pm Room TBA	Suzanne Stephens	4	14
ARCH 3901	002/00592	M 2:10pm - 4:00pm Room TBA	Ignacio Gonzalez Galan	4	9

ARCH UN3997 Independent Study. 2-4 points.

Prerequisites: Permission of the program director in term prior to that of independent study. Independent study form available at departmental office.

Fall 2019: ARCH UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3997	001/06959		Anooradha Siddiqi	2-4	2/10
ARCH 3997	002/06949		Karen Fairbanks	2-4	2/10
ARCH 3997	003/06950		Kadambari Baxi	2-4	1/10

ART HISTORY AND ARCHAEOLOGY

Departmental Office: 826 Schermerhorn; 212-854-4505

<http://www.columbia.edu/cu/arhistory/>

Director of Undergraduate Studies: Prof. Barry Bergdoll, 918 Schermerhorn; 212-854-5425; bgb1@columbia.edu

Director of Art Humanities: Prof. Noam Elcott, 907 Schermerhorn; 212-854-7968; nme2106@columbia.edu

Coordinator for Undergraduate Programs: Emily Benjamin, 826 Schermerhorn; 212-854-4505; eb3061@columbia.edu

The goal of the major in the Department of Art History and Archaeology is to explore the history of art, architecture, and archaeology across a broad historical, cultural, geographic, and methodological spectrum.

Department courses take advantage of the extraordinary cultural resources of New York City and often involve museum assignments and trips to local monuments. The department offers a major and concentration in art history and in the history and theory of architecture, and a combined major in art history and visual arts.

At the heart of the major is AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History, which introduces students to different methodological approaches to art history and critical texts that have shaped the discipline. The colloquium also prepares students for the independent research required in seminars and advanced lecture courses, and should be taken during the junior year.

Surveys and advanced lecture courses offered by Barnard and Columbia cover the spectrum of art history from antiquity to the

present and introduce students to a wide range of materials and methodologies. Limited-enrollment seminars have a narrower focus and offer intensive instruction in research and writing. The opportunity for advanced research with a senior thesis is available to students who qualify.

The major readily accommodates students who wish to study abroad during junior year. Courses taken at accredited programs can generally count as transfer credits toward the major, but students must gain the approval of the director of undergraduate studies. Similarly, any transfer credit for the major must be approved by the director of undergraduate studies. Generally no more than 12 points of transfer credit are applicable to the major. The form to petition for transfer credit can be found on the department website (<http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>). Eligible Art History courses taken at Reid Hall and through the Berlin Consortium are counted as Columbia courses, not transfer courses.

All newly declared majors and concentrators should visit the department office and speak with the undergraduate program coordinator about the requirements and their planned curriculum.

The director of undergraduate studies regularly communicates with majors by e-mail to announce departmental events, museum internships, and other news. **Students who do not receive these messages should email the undergraduate program coordinator.** The director of undergraduate studies is also available to talk to students about their professional goals and plans to study abroad.

COURSE INFORMATION

Lectures

Attendance at the first class meeting is recommended.

Colloquia

For information about enrollment in the required colloquium *AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History*, students should consult the department during the registration period in the semester prior to the one in which the course is offered. Interested students must sign up using an online form; majors will be informed of the sign-up dates and deadline via the majors mailing list. Enrollment is limited and admission is at the discretion of the instructor. It is recommended that students sign up for the colloquium in their junior year.

Seminars

Seminars require an application which is due in the departmental office in 826 Schermerhorn before the registration period in the semester prior to the one in which the course is offered (April for fall courses, November for spring courses). The required application form is available in PDF format on the department website (<http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>). Students should wait list the seminars to which they apply on SSOL.

Bridge Seminars

Bridge seminars are open to graduate and undergraduate students. As with other seminars, they require an application, which are due in the semester prior to the semester in which the course is offered (August for fall courses, December for spring courses). The required application form is available in PDF format on the department website (<http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>).

Bridge Lectures

Bridge lectures are open to graduate and advanced undergraduate students. They do not require an application.

Travel Seminar

In the spring, one or more undergraduate seminars in the Department of Art History and Archaeology may be designated as a travel seminar. Travel seminars receive funding to sponsor travel over the spring break to a distant site related to the subject matter of the seminar.

STUDY ABROAD

Reid Hall, Paris

For information about the Columbia University in Paris Art History Program at Reid Hall, including summer session courses, visit the Office of Global Programs (<http://ogp.columbia.edu/>) website.

Summer Program in Italy: Archaeological Fieldwork at Hadrian's Villa

Columbia University offers a four-week summer program that provides undergraduate and graduate students with the opportunity to excavate and learn together at Hadrian's Villa, a UNESCO World Heritage site near Rome and the most important Roman villa. It synthesizes Roman, Greek, and Egyptian architectural and artistic traditions and has attracted scholarly attention for centuries. For more information, visit the program website (http://columbia.studioabroad.com/index.cfm?FuseAction=Programs.ViewProgram&Program_ID=10577/).

Columbia Summer Program in Venice

The Department of Art History and Archaeology and the Department of Italian offer a summer program based at Co' Foscari University in Venice. The program uses an interdisciplinary approach to understanding Italian culture through study of its language, literature/film, architecture, art history and conservation, and economy. Students have the opportunity to gain a deeper appreciation of the rich Venetian culture, traditions and history. The program is open to qualified undergraduate and graduate students from the U.S. and Italy. For more information, visit the program website (http://columbia.studioabroad.com/index.cfm?FuseAction=Abroad.ViewLink&Parent_ID=3D708992-

BCDE-E7F3-57371CF1854BF98A&Link_ID=BD582BB6-BCDE-E7F3-50ED440855275AC0&Program_ID=10436/).

Columbia Summer Program in Greece

The Department of Art History and Archaeology and the Program in Hellenic Studies offer a new summer program in Athens. "Curating the Histories of the Greek Present" examines aspects of Greek history and culture through the organization of an art exhibition under the general theme of the environment. The project is structured around classroom seminars, museum and site visits, walking tours, and workshop sessions in which students will learn about and gain experience in all stages of curating an exhibition. For more information, visit the program website (http://columbia.studioabroad.com/index.cfm?FuseAction=Programs.ViewProgram&Program_ID=10911/).

DEPARTMENTAL HONORS

In order to qualify for departmental honors, students must write a senior thesis and have a GPA of at least 3.7 in the major. The faculty of the Department of Art History and Archaeology submits recommendations to the College Committee on Honors, Awards, and Prizes for confirmation. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

SENIOR THESIS PRIZE

A prize is awarded each year to the best senior honors thesis written in the Department of Art History and Archaeology.

PROFESSORS

Alexander Alberro (Barnard)
Zainab Bahrani
Barry Bergdoll
Michael Cole
Jonathan Crary
Francesco de Angelis
Vidya Dehejia
David Freedberg
Robert E. Harrist, Jr.
Anne Higonnet (Barnard)
Holger Klein
Rosalind Krauss
Kellie Jones
Branden Joseph
Matthew McKelway
Jonathan Reynolds (Barnard)
Simon Schama
Avinoam Shalem
Zoë Strother

ASSOCIATE PROFESSORS

Diane Bodart
Zeynep Çelik
Noam M. Elcott
Elizabeth Hutchinson (Barnard)

Ioannis Mylonopoulos
Lisa Trever

ASSISTANT PROFESSORS

Gregory Bryda (Barnard)
Meredith Gamer
Eleonora Pistis
Michael Waters

ADJUNCT FACULTY

Dawn Delbanco
Roselyn Deutsche (Barnard)
John Rajchman
Stefaan Van Liefvering

LECTURERS

Molly Allen
Frederique Baumgartner
Eliza Butler
Hannah Friedman
Alexandra Helprin
Page Knox
Janet Kraynak
Sandrine Larrive-Bass
Ja Won Lee
Daria Melnikova
Martina Mims
Irina Oryshkevich
Elizabeth Perkins
Olivia Powell
Kelly Presutti
Michael Sanchez
Susan Sivard
Caroline Wamsler
Gillian Young

ON LEAVE

Profs. Freedberg, Trever (2019-2020)
Profs. Crary, de Angelis, Delbanco, Harrist (Fall 2019)
Profs. Dehejia, Jones, Krauss, Mylonopoulos, Pistis (Spring 2020)

GUIDELINES FOR ALL ART HISTORY AND ARCHAEOLOGY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Courses

HUMA UN1121 Masterpieces of Western Art (Art Humanities) does not count toward the majors or concentrations, and no credit is given for Advanced Placement exams.

Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

Only the first course a student takes in the department may be taken for a grade of Pass/D/Fail. Classes taken in the Architecture or Visual Arts departments to fulfill the studio requirement may be taken for a grade of Pass/D/Fail.

Senior Thesis

The senior thesis project consists of a research paper 35-45 pages in length. It is a year-long project, and students writing a thesis must register for *AHIS UN3002 Senior Thesis* for the fall and spring terms. Much of the fall semester is devoted to research, and the spring semester to writing.

All thesis writers are required to participate in class and, on alternate weeks, meet as a group or individually with the instructor. Group meetings are designed as a series of research and writing workshops geared toward students' research projects. Students receive a total of six credits for successful completion of the thesis and class.

In order to apply, students follow a selection process similar to the one currently used for seminars. Students must identify a thesis topic and secure a faculty adviser in the Department of Art History and Archaeology. Applications must indicate the subject of the thesis, a short annotated bibliography, and the name and the signature of the adviser, followed by a one-page statement (400 words) outlining the topic, goals, and methodology of the thesis.

The application deadline is set for August before the senior year. Please check the department website (<http://www.columbia.edu/cu/arhistory/undergraduate/senior-thesis.html>) for exact dates. Applications may be delivered in person or emailed to the coordinator for undergraduate programs. The director of undergraduate studies, in consultation with the thesis adviser, reviews the applications.

Students who intend to write a thesis should begin formulating a research topic and approaching potential faculty sponsors during the spring of the junior year. Currently, the department offers the Summer Research Travel Grant fellowship, which supports thesis-related research and travel during the summer. Additional senior thesis research funding during the academic year is administered through Columbia College and General Studies.

Senior thesis applications may be found at: <http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>

Summer Research Travel Grant

The department offers the Summer Research Travel Grant, which may be used for travel to museums, building sites, libraries, archives, and other places of interest relevant to the thesis project. Students normally use these funds to conduct research during the summer before senior year.

Travel grant applications require a carefully edited thesis proposal, itemized budget, and supporting letter from a faculty sponsor. Applications are due in April of the student's junior year. Students will be notified of deadlines as they become available. Please

contact the coordinator for undergraduate programs with any questions.

MAJOR IN ART HISTORY

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The year-long senior thesis project (for qualified students; see below) *AHIS UN3002 Senior Thesis* may substitute for one elective lecture course. Seminars may substitute for lecture courses and may count toward fulfillment of the distribution requirements. Barnard Art History courses count toward the majors and concentration requirements.

The requirements for the major are as follows:

AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History

Seven 3-point lecture courses in Art History:

At least one course in three of four historical periods, listed below

An additional two courses in two different world regions, listed below

Two additional lectures of the student's choice

Two seminars in art history

A studio course taken in the Visual Arts or Architecture departments (which may be taken Pass/D/Fail)

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-Present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

MAJOR IN HISTORY AND THEORY OF ARCHITECTURE

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

Majors can take advantage of one of the strengths of the department by focusing on architectural history. This track combines an introductory studio in architectural design with a slightly modified program in art history. Major requirements

were updated in February 2019; please contact the director of undergraduate studies with any questions.

The requirements for the major are as follows:

AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History

Seven lecture courses in art history, one of which must be AHIS UN1007 Introduction to Architecture, and three of which must focus on architectural history. Courses must cover four of five general areas:

Ancient Mediterranean

Medieval Europe

Renaissance and Baroque

18th-20th century

Non-Western

At least two seminars in art history or architectural history

Architectural Studio:

ARCH UN1020 Introduction To Architectural Design and Visual Culture

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

MAJOR IN ART HISTORY AND VISUAL ARTS

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

Students interested in the combined major should contact the coordinator for undergraduate programs in the Art History department, as well as the director of undergraduate studies in the Visual Arts department.

Up to two 3-point courses in art history may be replaced by a related course in another department, with approval of the adviser. The combined major requires the completion of sixteen or seventeen courses. It is recommended that students interested in this major begin working toward the requirements in their sophomore year.

The requirements for the major are as follows:

AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History

Seven 3-point lecture courses in art history:

At least one course in three of four historical periods, as listed below

An additional two courses in two different world regions, as listed below

Two additional lectures of the student's choice

21 points in Visual Arts covering:

VIAR UN1000 Basic Drawing

VIAR UN2300 Sculpture I

or VIAR UN2200 Ceramics I

Five additional VIAR 3-point studio courses (15 points)

In the senior year, students must complete either a seminar in the Department of Art History and Archaeology or a senior project in visual arts (pending approval by the Visual Arts Department).

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

CONCENTRATION IN ART HISTORY

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The requirements for the concentration are as follows:

Seven 3-point lecture courses in art history:

At least one course in three of four historical periods, listed below

An additional two courses in two different world regions, listed below

Two additional lectures of the student's choice

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

Concentrators are not required to take the majors colloquium, a seminar, or a studio course.

CONCENTRATION IN HISTORY AND THEORY OF ARCHITECTURE

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The requirements for the concentration are as follows:

AHIS UN1007 Introduction to the History of Architecture

Seven lecture courses in art history, one of which must be AHIS UN1007 Introduction to the History of Architecture, and three of which must focus on architectural history. Courses must cover four of five general areas:

Ancient Mediterranean

Medieval Europe

Renaissance and Baroque

18th-20th century

Non-Western

Concentrators are not required to take the majors colloquium, a seminar, or a studio course.

UNDERGRADUATE LECTURES

Attendance at first class meeting is strongly recommended.

AHIS UN1007 Introduction to the History of Architecture. 4 points.

This course is required for architectural history and theory majors, but is also open to students interested in a general introduction to the history of architecture, considered on a global scale. Architecture is analyzed through in-depth case studies of key works of sacred, secular, public, and domestic architecture from both the Western canon and cultures of the ancient Americas and of the Hindu, Buddhist, and Islamic faiths. The time frame ranges from ancient Mesopotamia to the modern era. Discussion section is required.

Fall 2019: AHIS UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 1007	001/41646	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	Michael Waters	4	69/90

AHIS UN2105 Greek Myths Seen Through Ancient Greek and Roman Art. 3 points.

The lecture course will explore the rich world of Greek mythology as seen through Greek and Roman art. An important focus will be the understanding of the significant discrepancies between the literary and artistic dissemination of ancient myths. The course will illuminate the ways in which ancient artists visualized Greek myths and demonstrate that art did not simply illustrate stories but helped shape them significantly while creating very often imaginative alternatives.

Fall 2019: AHIS UN2105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2105	001/41655	M W 10:10am - 11:25am 612 Schermerhorn Hall	Ioannis Mylonopoulos	3	57/67

AHIS UN2119 Rome Beyond Rome: Roman Art and Architecture in a Global Perspective. 4 points.

N/A

Spring 2020: AHIS UN2119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2119	001/13606	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	Francesco de Angelis	4	96/100

AHIS UN2317 Renaissance Architecture. 4 points.

This course examines the history of architecture between roughly 1400 and 1600 from a European perspective outward. Employing a variety of analytical approaches, it addresses issues related to the Renaissance built environment thematically and through a series of specific case studies. Travelling across a geographically diverse array of locales, we will interrogate the cultural, material, urban, social, and political dimensions of architecture (civic, commercial, industrial, domestic, ecclesiastical and otherwise). Additional topics to be discussed include: antiquity and its reinterpretation; local identity, style, and ornament; development of building typologies; patronage and politics; technology and building practice; religious change and advancements in warfare; the creation and migration of architectural knowledge; role of capitalism and colonialism; class and decorum in domestic design; health and the city; the mobility of people and materials; architectural theory, books, and the culture of print; the media of architectural practice; the growth of cities and towns; the creation of urban space and landscape; architectural responses to ecological and environmental factors; and the changing status of the architect.

Students must register for a required discussion section.

Spring 2020: AHIS UN2317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2317	001/15109	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Michael Waters	4	71/67

AHIS UN2311 Baroque Imperial Spain (17th Century). 3 points.

The course will survey Baroque art in Hapsburg Spain, considered in the wide geographical context of the extended and dispersed dominions of the different crowns of the Spanish monarchy, which connected the Iberian Peninsula with Italy, Flanders and the New World. It will concern visual art in its various media, mainly painting, sculpture and architecture, but also tapestries, prints, armor, goldsmithery and ephemeral decoration, among others.

Works of the main artists of the period will be introduced and analyzed, giving attention to the historical and cultural context of their production and reception. The course will particularly focus on the movement of artists, works and models within the Spanish Hapsburg territories, in order to understand to what extent visual arts contributed to shaping the political identity of this culturally composite empire.

Fall 2019: AHIS UN2311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2311	001/41647	T Th 2:40pm - 3:55pm 807 Schermerhorn Hall	Diane Bodart	3	33/67

AHIS UN2405 Twentieth-Century Art. 4 points.

Prerequisites: Discussion Section AHIS UN2406

The course will examine a variety of figures, movements, and practices within the entire range of 20th-century art—from Expressionism to Abstract Expressionism, Constructivism to Pop Art, Surrealism to Minimalism, and beyond—situating them within the social, political, economic, and historical contexts in which they arose. The history of these artistic developments will be traced through the development and mutual interaction of two predominant strains of artistic culture: the modernist and the avant-garde, examining in particular their confrontation with and development of the particular vicissitudes of the century's ongoing modernization. Discussion section complement class lectures.

Course is a prerequisite for certain upper-level art history courses.

Spring 2020: AHIS UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2405	001/14067	T Th 2:40pm - 3:55pm 501 Schermerhorn Hall	Branden Joseph	4	180/180

AHIS UN2412 Eighteenth Century Art in Europe. 3 points.

This course will examine the history of art in Europe from the late seventeenth to the early nineteenth century. This was a period of dramatic cultural change, marked by, among other things, the challenging of traditional artistic hierarchies; increased opportunities for travel, trade, and exchange; and the emergence of "the public" as a critical new audience for art. Students will be introduced to major artists, works, and media, as well as to key themes in the art historical scholarship. Topics will include: the birth of art criticism; the development of the art market; domesticity and the cult of sensibility; the ascension of women artists and patrons; and the visual culture of empire, slavery, and revolution. The emphasis will be on France and Britain, with forays to Italy, Spain, Germany, India, America, and elsewhere.

Fall 2019: AHIS UN2412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2412	001/13396	T Th 10:10am - 11:25am	Frederique Baumgartner	3	47/67

807 Schermerhorn Hall

AHIS UN2427 Twentieth-Century Architecture. 4 points.

This course examines some of the key moments of architectural modernity in the twentieth century in an attempt to understand how architecture participated in the making of a new world order. It follows the lead of recent scholarship that has been undoing the assumption that modern twentieth-century architecture is a coherent enterprise that should be understood through avant-gardist movements. Instead, architectural modernity is presented in this course as a multivalent, and even contradictory, entity that has nonetheless had profound impact on modernity. Rather than attempting to be geographically comprehensive, it focuses on the interdependencies between the Global North and the South; instead of being strictly chronological, it is arranged around a constellation of themes that are explored through a handful of projects and texts. Reading primary sources from the period under examination is a crucial part of the course.

Fall 2019: AHIS UN2427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2427	001/41656	M W 1:10pm - 2:25pm 612 Schermerhorn Hall	Zeynep Celik	4	51/67

AHUM UN2604 Art In China, Japan, and Korea. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduces distinctive aesthetic traditions of China, Japan, and Korea--their similarities and differences--through an examination of the visual significance of selected works of painting, sculpture, architecture, and other arts in relation to the history, culture, and religions of East Asia.

Fall 2019: AHUM UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2604	002/99178	M W 1:10pm - 2:25pm 807 Schermerhorn Hall	Daria Melnikova	3	21/22
AHUM 2604	003/16183	T Th 2:40pm - 3:55pm 806 Schermerhorn Hall	Hae Yeun Kim	3	19/19

Spring 2020: AHUM UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2604	002/12940	M W 2:40pm - 3:55pm 934 Schermerhorn Hall	Hae Yeun Kim	3	22/22

AHIS UN2612 A History of China in 27 Objects. 3 points.

This course introduces twenty-seven significant monuments and objects comprising a selective overview of 4000 years of traditional Chinese culture. Through these twenty-seven objects, we will think about historical currents, consider materials (clay, stone, bronze, lacquer, paper, silk, ink, and wood), how things were

made, how these objects were used among the living, and why some of them were buried with the dead. Because analogy and metaphor is fundamental to Chinese language, we will examine visual symbols, auspicious imagery and rhetoric of resistance that had their origins in literature. The goal of the course is to raise awareness of visual clues in Chinese art and to establish basic visual literacy. After successfully completing this course you will be better able to articulate a research question, read more critically, write a visual analysis, and impress friends and family as you name a painting used in restaurant décor.

Spring 2020: AHIS UN2612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2612	001/12924	T Th 1:10pm - 2:25pm 807 Schermerhorn Hall	Alfreda Murck	3	64/67

AHUM UN2901 Masterpieces of Indian Art and Architecture. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to 2000 years of art on the Indian subcontinent. The course covers the early art of Buddhism, rock-cut architecture of the Buddhists and Hindus, the development of the Hindu temple, Mughal and Rajput painting and architecture, art of the colonial period, and the emergence of the Modern.

Fall 2019: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/99094	T Th 2:40pm - 3:55pm 612 Schermerhorn Hall	Vidya Dehejia	4	58/63

Spring 2020: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	002/16351	T Th 10:10am - 11:25am 934 Schermerhorn Hall	Charlotte Gorant	4	22/22

UNDERGRADUATE SEMINARS

Undergraduate seminars are open to undergraduate students only. Interested students must fill out and submit an online application form in the semester prior to when the course will be offered (April deadline for fall courses, November deadline for spring courses). Please visit the "Courses" page on the department website (<http://www.columbia.edu/cu/arhistory/courses/>) and select the upcoming semester to find a list of undergraduate seminar descriptions and links to seminar application forms.

AHIS UN3100 Hellenistic Sculpture: Intellectuals, Gods, Kings & Fishermen. 4 points.

Obsession with the Classical often kept us from looking at the Hellenistic period with its artistic achievements as a time of innovation and experimentation in art. In Hellenistic times, new cultural and artistic centers arose besides Athens: Alexandria in Egypt, Antiocheia and Pergamon in Asia Minor, or Rhodes.

Especially in sculpture, artists and patrons demonstrated an unprecedented interest in subjects such as ugly old women, working peasants, slaves with disfigured bodies, or non-Greeks. The seminar will study the sculpture of the Hellenistic period as an extremely imaginative and dynamic artistic expression without the Classical bias. In addition, it will look into the societal conditions that allowed this multi-cultural and rather inclusive style in sculpture to be created. The styles of the various Hellenistic artistic centers will be individually analysed based on representative works and then compared to each other and to the sculptural traditions of the Classical period, so that Hellenistic sculpture can be understood both as a continuation of the Classical and especially Late Classical sculpture and as an artistic, intellectual, and social creation – a creation that often went against the ideals of the past.

Fall 2019: AHIS UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3100	001/41657	M 4:10pm - 6:00pm 930 Schermerhorn Hall	Ioannis Mylonopoulos	4	14/12

AHIS UN3314 Inganno and Engaño: Art and the Rhetoric of Deceit between Spain and Italy. 4 points.

This seminar examines ideas of deception - inganno in Italy, engaño in Spain - as a fundamental trait of the visual arts and as a growing preoccupation in literature, politics, science, and religion in the sixteenth and seventeenth centuries. We will attend to the rich cross-cultural exchange, divergence, and overlap in the way deceit was thought about between the Italian and Iberian peninsulas in this period. Case studies and assignments will include key works of art from New York City museums & collections, with mandatory field trips.

Fall 2019: AHIS UN3314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3314	001/41658	W 12:10pm - 2:00pm 934 Schermerhorn Hall	Hannah Friedman	4	7/12

AHIS UN3410 Approaches to Contemporary Art. 3 points.

This course examines the critical approaches to contemporary art from the 1970s to the present. It will address a range of historical and theoretical issues around the notion of "the contemporary" (e.g. globalization, participation, relational art, ambivalence, immaterial labor) as it has developed in the era after the postmodernism of the 1970s and 1980s.

Spring 2020: AHIS UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3410	001/12926	Th 10:10am - 12:00pm 930 Schermerhorn Hall	Branden Joseph	3	13/12

AHIS UN3444 Reflexivity in Art and Film. 4 points.

This seminar will explore a range of individual works of Western art from the 16th century to late 20th century in which the tension between illusionism and reflexivity is foregrounded. It will focus on well-known paintings and films in which forms of realism and verisimilitude coexist with features that affirm the artificial or fictive nature of the work or which dramatize the material, social and ideological conditions of the work's construction. Topics will include art by Durer, Holbein, Velazquez, Watteau, Courbet, Morisot, Vertov, Deren, Godard, Varda, Hitchcock and others. Readings will include texts by Auerbach, Gombrich, Brecht, Jameson, Barthes, Didi-Huberman, Bazin, Lukacs, Mulvey, and Daney

Spring 2020: AHIS UN3444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3444	001/12927	T 2:10pm - 4:00pm 832 Schermerhorn Hall	Jonathan Crary	4	11/12

AHIS UN3446 Contemporary Queer Art Practices: Subculture, Sexuality, and the Politics of Performance. 4 points.

Not offered during 2019-20 academic year.

This seminar examines contemporary queer art practices, in conjunction with theories of gender, sexuality, subculture, and race. Through the close analysis of artworks, films, performances, theater, and television this seminar will question and consider the ways in which queer art practices can be a form of subversion, critique, and resistance. The political implications of performance will be considered by focusing on queer artistic practices, such as drag, which resist, refuse and rethink the constructions of gender.

Spring 2020: AHIS UN3446

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3446	001/12928	T 12:10pm - 2:00pm 832 Schermerhorn Hall	Leah Werier	4	12/15

AHIS UN3450 Art and Empire. 4 points.

This course explores the images and objects produced, collected, and displayed in the context of the British and French empires of the eighteenth and nineteenth centuries. Drawing on a range of perspectives—including those drawn from postcolonial studies, critical race studies, and indigenous studies—we will develop a critical vocabulary for addressing the history of colonialism and the ongoing process of decolonization, asking what particular problems and opportunities art history presents for the study of empire. In what ways were aesthetics entangled with imperial ideology? How did works of art support or challenge dominant political, social, and cultural narratives? And what does a study of historic empires have to offer to our understanding of globalization today? We will also engage with the ways in which the legacy of empire is treated in contemporary museology, and will visit a number of New York City museums and collections throughout the semester. Regions covered include

India, the Caribbean, the Pacific, and North Africa; topics include cartographic practices, the recording of history, the visual culture of slavery, artifacts of exploration, photography and “truth,” and the materiality of color.

Fall 2019: AHIS UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3450	001/41659	T 10:10am - 12:00pm 832 Schermerhorn Hall	Kelly Presutti	4	9/9

AHIS UN3451 Latinx Artists Coast to Coast. 4 points.

This course takes a close look at visual art and performative culture by artists of Latin American descent in the U.S. or Latinx, Latina/o art. The artists we will study trace their heritage to Mexico, Puerto Rico, the Dominican Republic, and Cuba, along with other countries in Latin America. We will consider how these wide-ranging and diverse creative expressions come to signify *Latinidad* while in the process transforming U.S. culture. Course themes include: physical and psychic borders, indigeneity, colonialism and racialization, gender and sexuality, and expanding notions American art and identity. Class discussions will focus on close examination of theoretical approaches and individual works along with ideas of representation.

Fall 2019: AHIS UN3451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3451	001/18181	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Kellie Jones	4	11/12

AHIS UN3501 African Art: The Next Generation. Focus: Congo. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

African art history reached a new maturity and sophistication in the 1990s through an intense interdisciplinary dialogue on the visual arts in the Congo. Prominent historians, anthropologists, political scientists, philosophers, artists, and art historians debated the history of Congolese art and changed its future through active patronage. The seminar will cover a wide variety of these texts and will examine the unprecedented role for museum exhibitions in disseminating new interpretations for African art.

MAJORS COLLOQUIUM

The Majors Colloquium is a required course for all majors in the department. See the department website (<http://www.columbia.edu/cu/arhistory/>) for more information. Students must sign up online by the deadline, which is posted on the department website.

AHIS UN3000 Majors' Colloquium: the Literature and Methods of Art History. 4 points.

Prerequisites: Not open to Barnard or Continuing Education students. Majors must receive instructor's permission. Students must sign-up online: <http://goo.gl/forms/otfh8x5hqq>

Introduction to different methodological approaches to the study of art and visual culture. Majors are encouraged to take the colloquium during their junior year.

Fall 2019: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/99099	W 10:10am - 12:00pm 832 Schermerhorn Hall	Zoe Strother	4	12/14

Spring 2020: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/15142	T 10:10am - 12:00pm 832 Schermerhorn Hall	Frederique Baumgartner	4	12/12
AHIS 3000	002/15141	M 2:10pm - 4:00pm 832 Schermerhorn Hall	Meredith Gamer	4	9/12

AHIS UN3007 Major's Colloquium: Intro to the Literature and Methods of Architectural History. 4 points.

This course, on the one hand, examines the intertwined histories of art history and architectural history from the late nineteenth century onwards and, on the other, focuses on questions that have been central to architectural history since the field's beginnings. It combines theoretical inquiry with practical training in historical research. Students will be asked to carry out research projects in various archives in New York City and complete a single writing assignment in stages.

SENIOR THESIS

The year-long Senior Thesis program is open to majors in the Department of Art History and Archaeology. For more information, please visit the Senior Thesis information page (<http://www.columbia.edu/cu/arhistory/undergraduate/senior-thesis.html>) on the department website.

AHIS UN3002 Senior Thesis. 3 points.

Prerequisites: the department's permission.
Required for all thesis writers.

Fall 2019: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/99190	M 2:10pm - 4:00pm 930 Schermerhorn Hall	Barry Bergdoll	3	8/10

Spring 2020: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/12925	M 4:10pm - 6:00pm 930 Schermerhorn Hall	Barry Bergdoll	3	5/10

BRIDGE LECTURES

Bridge lectures are open to graduate and advanced undergraduate students. They do not require an application. Attendance at first class is strongly recommended.

AHIS GU4044 Neo-Dada and Pop Art. 3 points.

This course examines the avant-garde art of the fifties and sixties, including assemblage, happenings, pop art, Fluxus, and artists' forays into film. It will examine the historical precedents of artists such as Robert Rauschenberg, Jasper Johns, Allan Kaprow, Andy Warhol, Claes Oldenburg, Carolee Schneemann and others in relation to their historical precedents, development, critical and political aspects.

Fall 2019: AHIS GU4044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4044	001/10366	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Branden Joseph	3	47/67

AHIS GU4110 Japanese Architecture from the Mid-19th Century to the Present. 3 points.

This course will examine Japanese architecture and urban planning from the mid-19th century to the present. We will address topics such as the establishment of an architectural profession along western lines in the late 19th century, the emergence of a modernist movement in the 1920's, the use of biological metaphors and the romanticization of technology in the theories and designs of the Metabolist Group, and the shifting significance of pre-modern Japanese architectural practices for modern architects. There will be an emphasis on the complex relationship between architectural practice and broader political and social change in Japan.

Spring 2020: AHIS GU4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4110	001/00471	M W 10:10am - 11:25am Room TBA	Jonathan Reynolds	3	65/66

AHIS GU4150 Tourism, Nature, and the North American Landscape. 3 points.

It is a truism that landscape painting dominated nineteenth-century American art, especially as represented by members of the so-called "Hudson River School." Some have attributed this phenomenon to the inherent beauty of the natural environment on this continent. Others have seen it as an expression of an innate, transcendental national character. Recently, however, scholars have explored American landscape painting in connection to the development of tourism. Beginning in the eighteenth century, tourists in Europe and America began seeking out powerful vistas as a means of cultivating taste and expressing cultural, national, and class identity. Landscape tourism was fueled by and fueled the market for landscape representations and inspired the creation of new aesthetic categories such as "the sublime" and "the picturesque." At the same time, the development of tourism—including accommodations, roads, and new forms of transportation—facilitated artists' exploration of the land. These developments contributed to new technologies of vision that structured both the making and the consumption of pictures.

Fall 2019: AHIS GU4150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4150	001/00124	T Th 4:10pm - 5:25pm LI104 Diana Center	Elizabeth Hutchinson	3	18

BRIDGE SEMINARS

Bridge seminars are open to graduate and advanced undergraduate students. Interested students must fill out and submit an online application form in the weeks prior to the start of the semester in which the course is offered (August for fall courses, January for spring courses) in order to be considered for enrollment. Please visit the "Courses" page on the department website (<http://www.columbia.edu/cu/arhistory/courses/>) and select the upcoming semester to find a list of course descriptions and links to seminar application forms.

AHIS GU4546 Gilles Deleuze: Thinking in Art. 4 points.

The philosophy of Gilles Deleuze has emerged as one of the richest, most singular adventures in post-war European thought; Foucault considered it the most important in France, and more generally, in the 20th century. In all of Deleuze's work there is a search for a new 'image of thought.' But how did art figure in this search, and how did the search in turn appeal to artists, writers, filmmakers, architects, as well as curators or critics? In this seminar, we explore the complex theme of 'thinkin in art' in Deleuze, and its implications for art in the 21st century or for the global contemporary art of today.

Fall 2019: AHIS GU4546

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4546	001/41652	W 2:10pm - 4:00pm 832 Schermerhorn Hall	John Allan Rajchman	4	14/25

AHIS GU4749 Bauhaus and Architecture. 4 points.

This seminar will take up the complex issue of the role that architecture played at the Bauhaus. Despite the centrality of architecture to the curricular diagram devised by Gropius with the school's founding in 1919, architecture was not formally taught until 1927, and then by Hannes Meyer rather than Gropius. Staged in the centennial year of the Bauhaus we will work to examine the school's position and experiments in architecture freed of the later proliferation of the term "Bauhaus architecture" as a veritable synonym for the modern movement. Inevitably historiography will play a role in our considerations from the outset as well, as much to study in its own right as to peel back to a more nuanced and granular understanding of the various and shifting positions on architecture on the school. Architecture here will not be understood only as the design of new ground-up buildings but will consider the practices developed at the Bauhaus for the design of exhibitions and the metaphor of architecture in other practices. Indeed, in a year in which scores and scores, if not hundreds of centennial exhibitions are being staged both the issue of exhibition design and the role of exhibitions in promoting first Bauhaus positions and principles, and later Bauhaus agendas, will be a major topic. The seminar will travel together in the middle

of the semester to visit the new Bauhaus museums just opened in Weimar and Dessau, and to see exhibitions that have been staged there and in Berlin to celebrate and interpret the complex 14 year history of the Bauhaus. We will also visit as many buildings associated with the Bauhaus and the architects who taught or were trained there as we can in and around Weimar, Dessau and Berlin on a short four day trip.

Fall 2019: AHIS GU4749

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4749	001/14046	T 2:10pm - 4:00pm 930 Schermerhorn Hall	Barry Bergdoll	4	14/15

ASTRONOMY

Departmental Office: 1328 Pupin; 212-854-3278
<http://www.astro.columbia.edu>

Director of Undergraduate Studies:

Prof. Frederik B.S. Paerels, 1022 Pupin;
212-854-0181; frits@astro.columbia.edu

Astronomy is, at once, the oldest science and one of the most vibrant fields of modern research. Its goal is to construct testable, quantitative, coherent models of the universe (the UNity of the diVERSE) and its contents—galaxies, stars, and planets. The department offers two majors, both of which require a solid grounding in the mathematics and physics necessary for the pursuit of the discipline.

The astrophysics major is designed as preparation for graduate study and consists of a standard physics major sequence; a yearlong introduction to astrophysics (typically taken in the sophomore year, but open to first-years with adequate preparation in calculus and physics); and two required courses covering advanced topics in astronomy. Research, in the form of summer internships and/or term-time independent projects, which can lead to a senior thesis, is strongly encouraged. For a research thesis, students should enroll in the parallel, two-semester sequence *ASTR UN3997-ASTR UN3998 Independent Research*, preferably in their senior year. Students begin the research project in the fall and complete the written thesis in the spring. *ASTR UN3997* and *ASTR UN3998* cannot be repeated for credit.

The astronomy major provides a basis for further study in the field, but is also designed to be compatible with liberal arts students who pursue other careers and those wishing to combine astronomy with related sciences other than physics, such as chemistry or geology. It requires only two physics courses beyond the introductory sequence and can be completed easily if begun in the sophomore year.

The department offers numerous introductory astronomy courses at the 1000-level that do not have prerequisites. The calculus-based *ASTR UN2001 Introduction To Astrophysics, I-ASTR UN2002 Introduction To Astrophysics, II* sequence is

recommended for astronomy majors and concentrators and is required for astrophysics majors.

Most 3000-level courses, as well as ASTR GU4260 Modeling the Universe, are offered every other year. Students should inquire with the director of undergraduate studies if they have specific questions on the course schedule. *ASTR UN3996 Current Research in Astrophysics* is a one-point course offered in the fall, designed to introduce majors to research methods and topics. It requires students to attend the department colloquia and a seminar designed to help students understand the colloquium topic. The 3000-level courses need not be taken in any particular order.

PROFESSORS

James Applegate
Greg Bryan
Zoltan Haiman
Jules P. Halpern
David J. Helfand
Kathryn Johnston
Laura Kay (Barnard)
Jeremiah P. Ostriker
Frederik B. S. Paerels
Joseph Patterson
Mary E. Putman
David Schiminovich (Chair)
Edward A. Spiegel (*emeritus*)
Jacqueline van Gorkom

ASSOCIATE PROFESSOR

Marcel Agüeros

ASSISTANT PROFESSORS

David Kipping
Melissa K. Ness
Lorenzo Sironi

ADJUNCT PROFESSOR

Michael Allison (GISS)
Mordecai-Mark MacLow (Hayden Planetarium)
Rebecca Oppenheimer (Hayden Planetarium)
Michael Shara (Hayden Planetarium)
Ruth Angus (Hayden Planetarium)

SENIOR LECTURER

Caleb Scharf

ON LEAVE

Profs. Johnston, Kay, Kipping, Sironi (*Spring 2020*)

GUIDELINES FOR ALL ASTRONOMY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Courses in which the grade of D has been received do not count toward the major or concentration requirements.

MAJOR IN ASTRONOMY

The major requirements, to be planned with the director of undergraduate studies, are as follows:

Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

Astronomy

Select one of the following options:

Option 1:

Two 3-point 1000-level astronomy courses
12 points in astronomy at the 2000-level or above

Option 2:

ASTR UN2001	Introduction To Astrophysics, I
- ASTR UN2002	and Introduction 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	Introduction To Mechanics and Thermodynamics
- PHYS UN1402	and Introduction To Electricity, Magnetism, and Optics
- PHYS UN1403	and Introduction to Classical and Quantum Waves

Sequence 2:

PHYS UN1601	Physics, I: Mechanics and Relativity
- PHYS UN1602	and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS UN2601	and Physics, III: Classical and Quantum Waves

Sequence 3:

PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Additional Physics Courses

Two physics courses at the 3000-level or above

Students contemplating graduate study are advised to include at least two of these physics courses:

PHYS UN3003	Mechanics
PHYS UN3007	Electricity and Magnetism
PHYS GU4021	Quantum Mechanics I
- PHYS GU4022	and Quantum Mechanics II

One of these may be substituted for 3 points of astronomy.

MAJOR IN ASTROPHYSICS

Students considering an Astrophysics major are encouraged to meet with the director of undergraduate studies. If possible, it is useful to start the physics sequence in the first year.

Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

Astronomy

ASTR UN2001 Introduction To Astrophysics, I
- ASTR UN2002 and Introduction 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 Introduction To Mechanics and
- PHYS UN1402 Thermodynamics
- PHYS UN1403 and Introduction To Electricity,
Magnetism, and Optics
and Introduction To Classical and
Quantum Waves

Sequence 2:

PHYS UN1601 Physics, I: Mechanics and Relativity
- PHYS UN1602 and Physics, II: Thermodynamics,
- PHYS UN2601 Electricity, and Magnetism
and Physics, III: Classical and
Quantum Waves

Sequence 3:

PHYS UN2801 Accelerated Physics I
- PHYS UN2802 and Accelerated Physics II

Additional Physics Courses

PHYS UN3003 Mechanics
PHYS UN3007 Electricity and Magnetism
PHYS UN3008 Electromagnetic Waves and Optics
PHYS GU4021 Quantum Mechanics I
- PHYS GU4022 and Quantum Mechanics II

OR

PHYS BC3006 Quantum Physics
- PHYS GU4023 and Thermal and Statistical Physics

CONCENTRATION IN ASTRONOMY

An extra 3 points of physics can substitute for 3 points of astronomy, as long as the course submitted is at the equivalent or higher level. The concentration requirements are as follows:

Mathematics

9 points of mathematics

Astronomy

15 points of astronomy, nine of which must be at or above the 2000-level

Physics

9 points of physics

FALL 2019

ASTR UN1403 Earth, Moon and Planets (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both.

Fall 2019: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/60262	T Th 1:10pm - 2:25pm B60 Alfred Lerner Hall	James Applegate	3	50/75

Spring 2020: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/51410	T Th 10:10am - 11:25am Room TBA	David Helfand	3	94/85

ASTR UN1404 Stars, Galaxies and Cosmology (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Distances to, and fundamental properties of, nearby stars; nucleosynthesis and stellar evolution; novae and supernovae; galaxies; the structure of the universe and theories concerning its origin, evolution, and ultimate fate. You can only receive credit for ASTR UN1404 if you have not taken ASTR BC1754, ASTR UN1420 or ASTR UN1836.

Fall 2019: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/60256	M W 8:40am - 9:55am 633 Seeley W. Mudd Building	Kathryn Johnston	3	62/65

Spring 2020: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/15110	T Th 1:10pm - 2:25pm Room TBA	James Applegate	3	75/75

ASTR UN1420 Galaxies and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Galaxies contain stars, gas dust, and (usually) super-massive black holes. They are found throughout the Universe, traveling through space and occasionally crashing into each other. This course will look at how these magnificent systems form and evolve, and what they can tell us about the formation and evolution of the Universe itself. You cannot enroll in ASTR UN1420 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

Fall 2019: ASTR UN1420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1420	001/60274	T Th 10:10am - 11:25am 313 Fayerweather	Mary Putman	3	50/65

ASTR BC1753 Life in the Universe. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Introduction to astronomy intended primarily for nonscience majors. Includes the history of astronomy; the apparent motions of the moon, sun, stars, and planets; gravitation and planetary orbits; the physics of the earth and its atmosphere; and the exploration of the solar system. This course is similar to ASTR W1403. You cannot enroll in both courses and receive credit for both.

Fall 2019: ASTR BC1753

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/09072	T Th 2:40pm - 3:55pm 202 Altschul Hall	Laura Kay	3	90/150

ASTR UN1836 Stars and Atoms. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR UN1836 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR W1836 in addition to ASTR BC1754 or ASTR W1404 and receive credit for both.

Fall 2019: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/60271	M W 1:10pm - 2:25pm 415 Schapiro Cepser	Frederik Paerels	3	37/40

Spring 2020: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 1836	001/15112	M W 2:40pm - 3:55pm Room TBA	Marcel Agueros	3	45/45
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ASTR UN1903 Astronomy Lab 1. 1 point.

Laboratory for *ASTR UN1403*. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453.

Fall 2019: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09066	M 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Jorge Cortes	1	7/13
ASTR 1903	002/09067	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Doyeon Kim	1	12/13
ASTR 1903	003/09068	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tianhuan Lu	1	7/13

Spring 2020: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00678	W 7:00pm - 10:00pm Room TBA	Laura Kay	1	11/10

ASTR UN1904 Astronomy Lab 2. 1 point.

Laboratory for *ASTR UN1404*. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR UN1904 - goes with ASTR BC1754 or ASTR UN1404 (or ASTR UN1836 or ASTR UN1420).

Fall 2019: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/09064	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Navin Sridhar	1	10/13

Spring 2020: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/00679	M 6:00pm - 9:00pm Room TBA	Laura Kay	1	10/10
ASTR 1904	002/00680	T 6:00pm - 9:00pm Room TBA	Laura Kay	1	11/10
ASTR 1904	003/00681	W 6:00pm - 9:00pm Room TBA	Laura Kay	1	7/10

ASTR UN2001 Introduction To Astrophysics, I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a working knowledge of calculus.

Corequisites: a course in calculus-based general physics.

First term of a two-term calculus-based introduction to astronomy and astrophysics. Topics include the physics of stellar interiors, stellar atmospheres and spectral classifications, stellar energy

generation and nucleosynthesis, supernovae, neutron stars, white dwarfs, and interacting binary stars.

Fall 2019: ASTR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/60259	M W 10:10am - 11:25am 214 Pupin Laboratories	Greg Bryan	3	32/35

ASTR UN2900 Frontiers of Astrophysics. 1 point.

Several members of the faculty each offer a brief series of talks providing context for a current research topic in the field and then present results of their ongoing research. Opportunities for future student research collaboration are offered. Grading is Pass/Fail.

Fall 2019: ASTR UN2900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/60260	F 10:10am - 11:25am 304 Hamilton Hall	Caleb Scharf	1	37/40

ASTR UN3106 The Science of Space Exploration. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one semester course in introductory astronomy or astrophysics (e.g., ASTR UN1403, ASTR UN1404, ASTR UN1420, ASTR UN1836, ASTR UN2001, ASTR UN2002, ASTR BC1753, ASTR BC1754). Ability in mathematics up to and including calculus is strongly urged.

How and why do humans explore space? Why does it require such extraordinary effort? What have we found by exploring our Solar System? We investigate the physics and biological basis of space exploration, and the technologies and science issues that determine what we can accomplish. What has been accomplished in the past, what is being explored now, and what can we expect in the future? How do space scientists explore the Solar System and answer science questions in practice? What do we know about solar systems beyond our own?

Fall 2019: ASTR UN3106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3106	001/60276	T Th 1:10pm - 2:25pm 903 Altschul Hall	Caleb Scharf	3	30/30

ASTR UN3996 Current Research in Astrophysics. 1 point.

Prerequisites: two semesters of astronomy classes and two semesters of physics classes.

The goal of this course is to introduce astronomy and astrophysics majors to the methods and topics of current astronomical research. The course will also help with the development of critical thinking skills. Each week, the topic of the course will be centered on the subject of the Astronomy department colloquium; this may include research on planets, stars, galaxies or cosmology. There will be two required meetings per week: the first will be to discuss papers related to the colloquium (time TBD), and the second will

be the colloquium itself (at 4:15 pm each Wednesday). Grading is Pass/Fail.

Fall 2019: ASTR UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/60264	M 2:40pm - 3:55pm 1402 Pupin Laboratories	Zoltan Haiman	1	1/10

Spring 2020: ASTR UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/34915			1	0/10

ASTR UN3997 Independent Research. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.

A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required.

Fall 2019: ASTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/60268		Zoltan Haiman	3	5/10

ASTR GU4302 General Relativity, Black Holes, and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. Einstein's General Theory of Relativity replaced Newtonian gravity with an elegant theory of curved spacetime. Einstein's theory led to unforeseen and unnerving predictions of singularities and cosmological instabilities. Nearly a century later, these mathematical oddities have been confirmed astrophysically in the existence of black holes, an expanding universe, and a big bang. The course will cover Einstein's General Theory, beginning with special relativity, with an emphasis on black holes and the big bang.

ASTR GU4303 Astrostatistics. 3 points.

Astronomers live in era of "big data". Whilst astronomers of a century ago collected a handful of photographic plates each night, modern astronomers collect thousands of images encoded by millions of pixels in the same time. Both the volume of data

and the ever present desire to dig deeper into data sets has led to a growing interest in the use of statistical methods to interpret observations. This class will provide an introduction to the methods commonly used in understanding astronomical data sets, both in terms of theory and application. It is one six classes the department offers every fourth semester.

Fall 2019: ASTR GU4303

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4303	001/10467	M W 1:10pm - 2:25pm 1332 Pupin Laboratories	David Kipping	3	16/20

ASTR GR6001 Radiative Processes. 3 points.

Prerequisites: 3000-level electromagnetic theory and quantum mechanics.

Radiation mechanisms and interaction of radiation with matter. Applications of classical and semiclassical radiation theory and atomic physics to astrophysical settings. Radiative transfer, polarization, scattering, line radiation, special relativity, bremsstrahlung, synchrotron radiation, inverse compton scattering, ionization losses, shocks and particle acceleration, plasma processes, atomic structure and spectroscopic terms, radiative transitions and oscillator strengths, curve of growth, molecular spectra.

Fall 2019: ASTR GR6001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6001	001/60275	M W 2:40pm - 3:55pm 1332 Pupin Laboratories	Jules Halpern	3	8/15

ASTR GR8003 Astrophysical fluid Dynamics (Lecture). 3 points.

Not offered during 2019-20 academic year.

An introduction to the fundamental concepts of fluid dynamics with focus on standard applications of the theory to a variety of important astrophysical situations and objects. A brief introduction to several key numerical concepts. A brief description of the complications that arise when a fluid is magnetized.

Fall 2019: ASTR GR8003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 8003	001/60278	T Th 10:10am - 11:25am 1332 Pupin Laboratories	Lorenzo Sironi	3	5/20

ASTR GR9001 Graduate Seminar. 3 points.

Not offered during 2019-20 academic year.

Fall 2019: ASTR GR9001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 9001	001/60273		Melissa Ness	3	0/12
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ASTR GR9003 Graduate Research Seminar I. 3 points.**Fall 2019: ASTR GR9003**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9003	001/60266		Marcel Agüeros	3	7/12

SPRING 2020**ASTR UN1403 Earth, Moon and Planets (Lecture). 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both.

Fall 2019: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/60262	T Th 1:10pm - 2:25pm B60 Alfred Lerner Hall	James Applegate	3	50/75

Spring 2020: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/51410	T Th 10:10am - 11:25am Room TBA	David Helfand	3	94/85

ASTR UN1404 Stars, Galaxies and Cosmology (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Distances to, and fundamental properties of, nearby stars; nucleosynthesis and stellar evolution; novae and supernovae; galaxies; the structure of the universe and theories concerning its origin, evolution, and ultimate fate. You can only receive credit for ASTR UN1404 if you have not taken ASTR BC1754, ASTR UN1420 or ASTR UN1836.

Fall 2019: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/60256	M W 8:40am - 9:55am 633 Seeley W. Mudd Building	Kathryn Johnston	3	62/65

Spring 2020: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/15110	T Th 1:10pm - 2:25pm Room TBA	James Applegate	3	75/75

ASTR UN1610 Theories of the Universe: From Babylon to the Big Bang. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Milestones in the science of cosmology over the past 6000 years. Skylore and observation in ancient cultures. The twin revolutions of the Greeks: Pythagoras and Ptolemy; and Aristotle, Aquinas, and the Great Chain of Being. The "scientific revolution": the impersonal and deterministic world-order of Newton, Laplace, and Kelvin. The erosion of that world-order by mathematics and experiment in the 20th century (relativity, quantum physics, dark matter, and the expanding universe). Today's searches for a new grand order in the Universe, which can cope - or maybe not - with these blows to yesterday's comfortable wisdom.

Spring 2020: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/15111	T Th 2:40pm - 3:55pm Room TBA	Joseph Patterson	3	90/90

ASTR BC1754 Stars, Galaxies, and Cosmology. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Recommended preparation: A working knowledge of high school algebra.

Corequisites: Suggested parallel laboratory course: ASTR C 1904y. Examines the properties of stars, star formation, stellar evolution and nucleosynthesis, the Milky Way and other galaxies, and the cosmological origin and evolution of the universe. Students may not receive credit for both ASTR BC 1754 and ASTR C1404.

Spring 2020: ASTR BC1754

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1754	001/00383	M W 10:10am - 11:25am Room TBA	Jacqueline van Gorkom	3	70/70

ASTR UN1836 Stars and Atoms. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR UN1836 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang

and ending with YOU. You cannot enroll in ASTR W1836 in addition to ASTR BC1754 or ASTR W1404 and receive credit for both.

Fall 2019: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/60271	M W 1:10pm - 2:25pm 415 Schapiro Cepser	Frederik Paerels	3	37/40

Spring 2020: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/15112	M W 2:40pm - 3:55pm Room TBA	Marcel Agueros	3	45/45

ASTR UN1903 Astronomy Lab 1. 1 point.

Laboratory for *ASTR UN1403*. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453.

Fall 2019: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09066	M 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Jorge Cortes	1	7/13
ASTR 1903	002/09067	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Doyeon Kim	1	12/13
ASTR 1903	003/09068	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tianhuan Lu	1	7/13

Spring 2020: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00678	W 7:00pm - 10:00pm Room TBA	Laura Kay	1	11/10

ASTR UN1904 Astronomy Lab 2. 1 point.

Laboratory for *ASTR UN1404*. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR UN1904 - goes with ASTR BC1754 or ASTR UN1404 (or ASTR UN1836 or ASTR UN1420).

Fall 2019: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/09064	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Navin Sridhar	1	10/13

Spring 2020: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/00679	M 6:00pm - 9:00pm Room TBA	Laura Kay	1	10/10
ASTR 1904	002/00680	T 6:00pm - 9:00pm Room TBA	Laura Kay	1	11/10

ASTR 1904 003/00681 W 6:00pm - 9:00pm Laura Kay 1 7/10
Room TBA

ASTR UN2002 Introduction To Astrophysics, II. 3 points.

Prerequisites: a working knowledge of calculus.

Corequisites: the second term of a course in calculus-based general physics.

Continuation of *ASTR UN2001*; these two courses constitute a full year of calculus-based introduction to astrophysics. Topics include the structure of our galaxy, the interstellar medium, star clusters, properties of external galaxies, clusters of galaxies, active galactic nuclei, and cosmology.

Spring 2020: ASTR UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2002	001/51415	M W 8:40am - 9:55am Room TBA	Jules Halpern	3	25/25

ASTR UN3602 Physical Cosmology and Extragalactic Astronomy. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. The standard hot big bang cosmological model and modern observational results that test it. Topics include the Friedmann equations and the expansion of the universe, dark matter, dark energy, inflation, primordial nucleosynthesis, the cosmic microwave background, the formation of large-scale cosmic structures, and modern cosmological observations.

Spring 2020: ASTR UN3602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3602	001/14068	M W 1:10pm - 2:25pm Room TBA	Zoltan Haiman	3	17/35

ASTR UN3646 Observational Astronomy. 3 points.

Prerequisites: one year of general astronomy

Introduction to the basic techniques used in obtaining and analyzing astronomical data. Focus on 'ground-based' methods at optical, infrared, and radio wavelengths. Regular use of the telescope facilities atop the roof of the Pupin Labs. In research projects, students also work on the analysis of data obtained at National Observatories.

Spring 2020: ASTR UN3646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/51408	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3	21/20

ASTR UN3998 Independent Research. 3 points.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.

A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and

experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required.

Spring 2020: ASTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/51416		0. FACULTY	3	4/10

ASTR GU4260 Modeling the Universe. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. The goal of this course is to provide a basic hands-on introduction to the practice and theory of scientific computing with applications in astronomy and astrophysics. The course will include an introduction to programming, as well as a sampling of methods and tools from the field of scientific computing. The course will include a hands-on project in which students use numerical methods to solve a research problem. Students who are interested in participating in research projects are strongly encouraged to take the course in their sophomore or junior year.

Spring 2020: ASTR GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4260	001/14073	T Th 10:10am - 11:25am Room TBA	Greg Bryan	3	30/30

ASTR GR6002 Physics of The Interstellar Medium and Intergalactic Medium. 3 points.

A survey of diffuse matter in the universe with emphasis on astrophysical processes and their observational consequences. Topics include radiative transfer, dust, ionization, thermal balance, magnetic fields, hydrodynamics, shocks and star formation in the context of gaseous nebulae and the multi-phase ISM, ICM and IGM.

Spring 2020: ASTR GR6002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6002	001/14089	M W 1:10pm - 2:25pm 1332 Pupin Laboratories	Frederik Paerels	3	6/15

ASTR GR9002 Graduate Seminar. 3 points.

Spring 2020: ASTR GR9002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9002	001/51414		Melissa Ness	3	4/15

ASTR GR9004 Graduate Research Seminar II. 3 points.

Spring 2020: ASTR GR9004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9004	001/51404		Mary Putman	3	6/10

ALL COURSES (INCLUDING THOSE NOT OFFERED IN ACADEMIC YEAR 2019-2020)**ASTR UN1234 The Universal Timekeeper: Reconstructing History Atom by Atom. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school algebra and latent curiosity are assumed. The goal of the course is to illustrate — and perhaps even inculcate — quantitative and scientific reasoning skills. The subject material employed in this task is the study of atoms and their nuclei which, through a wide variety of physical and chemical techniques, can be used to reconstruct quantitatively the past. Following an introduction to atoms, light, and energy, we will explore topics including the detection of art forgeries, the precise dating of archeological sites, a reconstruction of the development of agriculture and the history of the human diet, the history of past climate (and its implications for the future), the history and age of the Earth, and the history of the Universe. The course has no required text. Readings of relevant articles and use of on-line simulations will be required.

ASTR S1403D Earth, Moon, and Planets. 3 points.

Prerequisites: Recommended preparation: a working knowledge of high school algebra.

May be counted toward the science requirement for most Columbia University undergraduate students. The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond.

ASTR UN1403 Earth, Moon and Planets (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both.

Fall 2019: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/60262	T Th 1:10pm - 2:25pm B60 Alfred Lerner Hall	James Applegate	3	50/75

Spring 2020: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 1403	001/51410	T Th 10:10am - 11:25am Room TBA	David Helfand	3	94/85
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ASTR UN1404 Stars, Galaxies and Cosmology (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Distances to, and fundamental properties of, nearby stars; nucleosynthesis and stellar evolution; novae and supernovae; galaxies; the structure of the universe and theories concerning its origin, evolution, and ultimate fate. You can only receive credit for ASTR UN1404 if you have not taken ASTR BC1754, ASTR UN1420 or ASTR UN1836.

Fall 2019: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/60256	M W 8:40am - 9:55am 633 Seeley W. Mudd Building	Kathryn Johnston	3	62/65

Spring 2020: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/15110	T Th 1:10pm - 2:25pm Room TBA	James Applegate	3	75/75

ASTR UN1453 Another Earth. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course cannot be taken for credit if BC1753 has been taken.

This course will explore the unique properties of Earth, compared to other planets in the Solar System, and the possibility of Earth-like planets around other stars. The basics of the Solar System, gravity, and light will be covered, as well as the geology and atmospheres of the terrestrial planets. The properties of Earth that allowed life to develop and whether life can develop on other planets will be discussed. Finally, the discovery of planets beyond our Solar System and the likelihood of another Earth will be a key component of the course.

ASTR UN1420 Galaxies and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Galaxies contain stars, gas dust, and (usually) super-massive black holes. They are found throughout the Universe, traveling through space and occasionally crashing into each other. This course will look at how these magnificent systems form and evolve, and what they can tell us about the formation and evolution of the Universe itself. You cannot enroll in ASTR UN1420 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

Fall 2019: ASTR UN1420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1420	001/60274	T Th 10:10am - 11:25am 313 Fayerweather	Mary Putman	3	50/65

ASTR UN1610 Theories of the Universe: From Babylon to the Big Bang. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Milestones in the science of cosmology over the past 6000 years. Skylore and observation in ancient cultures. The twin revolutions of the Greeks: Pythagoras and Ptolemy; and Aristotle, Aquinas, and the Great Chain of Being. The "scientific revolution": the impersonal and deterministic world-order of Newton, Laplace, and Kelvin. The erosion of that world-order by mathematics and experiment in the 20th century (relativity, quantum physics, dark matter, and the expanding universe). Today's searches for a new grand order in the Universe, which can cope - or maybe not - with these blows to yesterday's comfortable wisdom.

Spring 2020: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/15111	T Th 2:40pm - 3:55pm Room TBA	Joseph Patterson	3	90/90

ASTR BC1753 Life in the Universe. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Introduction to astronomy intended primarily for nonscience majors. Includes the history of astronomy; the apparent motions of the moon, sun, stars, and planets; gravitation and planetary orbits; the physics of the earth and its atmosphere; and the exploration of the solar system. This course is similar to ASTR W1403. You cannot enroll in both courses and receive credit for both.

Fall 2019: ASTR BC1753

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/09072	T Th 2:40pm - 3:55pm 202 Altschul Hall	Laura Kay	3	90/150

ASTR BC1754 Stars, Galaxies, and Cosmology. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Recommended preparation: A working knowledge of high school algebra.

Corequisites: Suggested parallel laboratory course: ASTR C 1904y. Examines the properties of stars, star formation, stellar evolution and nucleosynthesis, the Milky Way and other galaxies, and the cosmological origin and evolution of the universe. Students may not receive credit for both ASTR BC 1754 and ASTR C1404.

Spring 2020: ASTR BC1754

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1754	001/00383	M W 10:10am - 11:25am Room TBA	Jacqueline van Gorkom	3	70/70

ASTR UN1836 Stars and Atoms. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR UN1836 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR W1836 in addition to ASTR BC1754 or ASTR W1404 and receive credit for both.

Fall 2019: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/60271	M W 1:10pm - 2:25pm 415 Schapiro Cepser	Frederik Paerels	3	37/40

Spring 2020: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/15112	M W 2:40pm - 3:55pm Room TBA	Marcel Agueros	3	45/45

ASTR UN1903 Astronomy Lab 1. 1 point.

Laboratory for *ASTR UN1403*. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453.

Fall 2019: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09066	M 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Jorge Cortes	1	7/13
ASTR 1903	002/09067	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Doyeon Kim	1	12/13
ASTR 1903	003/09068	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tianhuan Lu	1	7/13

Spring 2020: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 1903 001/00678 W 7:00pm - 10:00pm
Room TBA Laura Kay 1 11/10

ASTR UN1904 Astronomy Lab 2. 1 point.

Laboratory for *ASTR UN1404*. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR UN1904 - goes with ASTR BC1754 or ASTR UN1404 (or ASTR UN1836 or ASTR UN1420).

Fall 2019: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/09064	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Navin Sridhar	1	10/13

Spring 2020: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/00679	M 6:00pm - 9:00pm Room TBA	Laura Kay	1	10/10
ASTR 1904	002/00680	T 6:00pm - 9:00pm Room TBA	Laura Kay	1	11/10
ASTR 1904	003/00681	W 6:00pm - 9:00pm Room TBA	Laura Kay	1	7/10

ASTR UN2001 Introduction To Astrophysics, I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a working knowledge of calculus.

Corequisites: a course in calculus-based general physics.

First term of a two-term calculus-based introduction to astronomy and astrophysics. Topics include the physics of stellar interiors, stellar atmospheres and spectral classifications, stellar energy generation and nucleosynthesis, supernovae, neutron stars, white dwarfs, and interacting binary stars.

Fall 2019: ASTR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/60259	M W 10:10am - 11:25am 214 Pupin Laboratories	Greg Bryan	3	32/35

ASTR UN2002 Introduction To Astrophysics, II. 3 points.

Prerequisites: a working knowledge of calculus.

Corequisites: the second term of a course in calculus-based general physics.

Continuation of *ASTR UN2001*; these two courses constitute a full year of calculus-based introduction to astrophysics. Topics include the structure of our galaxy, the interstellar medium, star clusters, properties of external galaxies, clusters of galaxies, active galactic nuclei, and cosmology.

Spring 2020: ASTR UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 2002 001/51415 M W 8:40am - 9:55am
Room TBA Jules Halpern 3 25/25

ASTR UN2900 Frontiers of Astrophysics. 1 point.

Several members of the faculty each offer a brief series of talks providing context for a current research topic in the field and then present results of their ongoing research. Opportunities for future student research collaboration are offered. Grading is Pass/Fail.

Fall 2019: ASTR UN2900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/60260	F 10:10am - 11:25am 304 Hamilton Hall	Caleb Scharf	1	37/40

ASTR UN3101 Modern Stellar Astrophysics II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics.

Introductory astronomy is not required, but some exposure to astronomy is preferable. In the first half of the course, we will examine the physics of stellar interiors in detail, leading us to develop models of stellar structure and consider how stars evolve. In the second half of the course, we will discuss special topics, such as pre-main sequence evolution, the late stages of stellar evolution, and supernovae and compact objects.

ASTR UN3102 Planetary Dynamics and Physics of the Solar System. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based Physics.

The physics and astrophysics of planets, comets, asteroids, natural and artificial satellites, and pretty much anything in the Solar System - including the Sun. Detailed study of the Earth's atmosphere and oceans: circulations, climate, and weather. Orbital dynamics. The emerging science of extrasolar planets. The origin, evolution, and eventual fate of planets.

ASTR UN3103 Galaxies. 3 points.

Prerequisites: one year of calculus-based general physics.

Galaxies fill the universe with structure. They are bound objects that harbor stars, gas, dust and dark matter. This course will discuss the content and structure of galaxies. It will start with the Milky Way, a rotating spiral galaxy, with a particular emphasis on the properties of the interstellar medium. Dwarf galaxies, the building blocks of larger galaxies, will subsequently be discussed, followed by spiral, elliptical and irregular galaxies. The formation and evolution of these different galaxy types will be an important focus of the course, as well as the environment in which the galaxies reside. We will intersperse reviews of current papers on galaxies throughout the semester.

ASTR UN3105 Extrasolar Planets and Astrobiology. 3 points.

Prerequisites: One year of calculus-based physics.

The emerging field of extrasolar planets and astrobiology will be covered at a quantitative level, with a major emphasis on astrophysical phenomena and techniques. The subject will be introduced through an investigation of current planetary

formation theories and approaches to planet detection, including what we currently know about extrasolar planets and detailed reference to state-of-the-art studies. An astronomer's view of the origin of life and extreme biology will be developed and applied to questions of cosmo-chemistry, observable life-signatures, habitable zones and other astrophysical constraints on the development of organisms.

ASTR UN3106 The Science of Space Exploration. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one semester course in introductory astronomy or astrophysics (e.g., ASTR UN1403, ASTR UN1404, ASTR UN1420, ASTR UN1836, ASTR UN2001, ASTR UN2002, ASTR BC1753, ASTR BC1754). Ability in mathematics up to and including calculus is strongly urged.

How and why do humans explore space? Why does it require such extraordinary effort? What have we found by exploring our Solar System? We investigate the physics and biological basis of space exploration, and the technologies and science issues that determine what we can accomplish. What has been accomplished in the past, what is being explored now, and what can we expect in the future? How do space scientists explore the Solar System and answer science questions in practice? What do we know about solar systems beyond our own?

Fall 2019: ASTR UN3106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3106	001/60276	T Th 1:10pm - 2:25pm 903 Altschul Hall	Caleb Scharf	3	30/30

ASTR UN3273 High Energy Astrophysics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. No previous astronomy background required.

A survey of the most energetic and explosive objects in the Universe and their radiation. Topics include: techniques of X-ray and gamma-ray astronomy; observations of neutron stars (pulsars) and black holes; accretion disks and relativistic jets; supernovae, supernova remnants, gamma-ray bursts, quasars and active galactic nuclei; clusters of galaxies; cosmic rays and neutrinos.

ASTR UN3602 Physical Cosmology and Extragalactic Astronomy. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. The standard hot big bang cosmological model and modern observational results that test it. Topics include the Friedmann equations and the expansion of the universe, dark matter, dark energy, inflation, primordial nucleosynthesis, the cosmic microwave background, the formation of large-scale cosmic structures, and modern cosmological observations.

Spring 2020: ASTR UN3602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 3602	001/14068	M W 1:10pm - 2:25pm Room TBA	Zoltan Haiman	3	17/35
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ASTR UN3646 Observational Astronomy. 3 points.

Prerequisites: one year of general astronomy
Introduction to the basic techniques used in obtaining and analyzing astronomical data. Focus on 'ground-based' methods at optical, infrared, and radio wavelengths. Regular use of the telescope facilities atop the roof of the Pupin Labs. In research projects, students also work on the analysis of data obtained at National Observatories.

Spring 2020: ASTR UN3646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/51408	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3	21/20

ASTR C3985 Statistics and the Universe (Seminar). 3 points.

Prerequisites: First year calculus required, introductory physics or astronomy

Essential statistical methods will be applied in a series of case studies and research projects taken from the latest advances in cosmology, astronomy and physics. Statistics of measurement and detection, fundamentals of hypothesis testing, classifications, data modeling, time-series analysis, correlation and clustering will be explored through hands-on investigation using data from recent experiments and surveys

ASTR UN3996 Current Research in Astrophysics. 1 point.

Prerequisites: two semesters of astronomy classes and two semesters of physics classes.

The goal of this course is to introduce astronomy and astrophysics majors to the methods and topics of current astronomical research. The course will also help with the development of critical thinking skills. Each week, the topic of the course will be centered on the subject of the Astronomy department colloquium; this may include research on planets, stars, galaxies or cosmology. There will be two required meetings per week: the first will be to discuss papers related to the colloquium (time TBD), and the second will be the colloquium itself (at 4:15 pm each Wednesday). Grading is Pass/Fail.

Fall 2019: ASTR UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/60264	M 2:40pm - 3:55pm 1402 Pupin Laboratories	Zoltan Haiman	1	1/10

Spring 2020: ASTR UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/34915			1	0/10

ASTR UN3997 Independent Research. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of

the proposed project or reading, with the supervising faculty member's endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required.

Fall 2019: ASTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/60268		Zoltan Haiman	3	5/10

ASTR UN3998 Independent Research. 3 points.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required.

Spring 2020: ASTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/51416		0. FACULTY	3	4/10

ASTR GU4260 Modeling the Universe. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. The goal of this course is to provide a basic hands-on introduction to the practice and theory of scientific computing with applications in astronomy and astrophysics. The course will include an introduction to programming, as well as a sampling of methods and tools from the field of scientific computing. The course will include a hands-on project in which students use numerical methods to solve a research problem. Students who are interested in participating in research projects are strongly encouraged to take the course in their sophomore or junior year.

Spring 2020: ASTR GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4260	001/14073	T Th 10:10am - 11:25am Room TBA	Greg Bryan	3	30/30

ASTR GU4302 General Relativity, Black Holes, and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. Einstein's General Theory of Relativity replaced Newtonian gravity with an elegant theory of curved spacetime. Einstein's theory led to unforeseen and unnerving predictions of singularities and cosmological instabilities. Nearly a century later, these mathematical oddities have been confirmed astrophysically in the existence of black holes, an expanding universe, and a big bang. The course will cover Einstein's General Theory, beginning with special relativity, with an emphasis on black holes and the big bang.

ASTR GU4303 Astrostatistics. 3 points.

Astronomers live in era of "big data". Whilst astronomers of a century ago collected a handful of photographic plates each night, modern astronomers collect thousands of images encoded by millions of pixels in the same time. Both the volume of data and the ever present desire to dig deeper into data sets has led to a growing interest in the use of statistical methods to interpret observations. This class will provide an introduction to the methods commonly used in understanding astronomical data sets, both in terms of theory and application. It is one six classes the department offers every fourth semester.

Fall 2019: ASTR GU4303

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4303	001/10467	M W 1:10pm - 2:25pm 1332 Pupin Laboratories	David Kipping	3	16/20

ASTR GR6001 Radiative Processes. 3 points.

Prerequisites: 3000-level electromagnetic theory and quantum mechanics.

Radiation mechanisms and interaction of radiation with matter. Applications of classical and semiclassical radiation theory and atomic physics to astrophysical settings. Radiative transfer, polarization, scattering, line radiation, special relativity, bremsstrahlung, synchrotron radiation, inverse compton scattering, ionization losses, shocks and particle acceleration, plasma processes, atomic structure and spectroscopic terms, radiative transitions and oscillator strengths, curve of growth, molecular spectra.

Fall 2019: ASTR GR6001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6001	001/60275	M W 2:40pm - 3:55pm	Jules Halpern	3	8/15

1332 Pupin
Laboratories

ASTR GR6003 Galaxies. 3 points.

An introduction to the study of galaxies, from both observational and theoretical perspectives. The course will review our current understanding of the formation and evolution of galaxies through descriptions of: their structure and dynamics; the gas and stellar populations they contain; and what we know about the distribution of dark matter within them.

OF RELATED INTEREST

Physics and Astronomy (Barnard)

ASTR BC1753	Life in the Universe
ASTR BC1754	Stars, Galaxies, and Cosmology
Physics	
PHYS UN3002	From Quarks To the Cosmos: Applications of Modern Physics

BIOLOGICAL SCIENCES

Departmental Office: 600 Fairchild, 212-854-4581;
mes2314@columbia.edu; biology@columbia.edu

Director of Undergraduate Studies, Undergraduate Programs and Laboratories:

Prof. Deborah Mowshowitz, 744D Mudd; 212-854-4497;
dbm2@columbia.edu

Biology Major and Concentration Advisers:

For a list of current biology, biochemistry, biophysics, and neuroscience and behavior advisers, please visit <http://biology.columbia.edu/programs/advisors> (<http://biology.columbia.edu/programs/advisors/>)

A-H: Prof. Daniel Kalderon, 1013 Fairchild; ddk1@columbia.edu

I-P: Prof. Alice Heicklen, 744B Mudd; ah2289@columbia.edu

Q-Z: Prof. Harmen Bussemaker, 607E Fairchild;
hjb2004@columbia.edu

Backup Advisor: Prof. Deborah Mowshowitz, 744D Mudd;
212-854-4497; dbm2@columbia.edu

Biochemistry Advisers:

Biology: Prof. Brent Stockwell, 1208 Northwest Corner Building;
212-854-2948; stockwell@biology.columbia.edu

Chemistry: Prof. Virginia Cornish, 1209 Northwest Corner Building; 212-854-5209; vc114@columbia.edu

Biophysics Adviser: Prof. Ozgur Sahin, 908 Northwest Corner Building; os2246@columbia.edu

Neuroscience and Behavior Advisers:

Biology: Prof. Jian Yang, 917A Fairchild; 212-854-6161;
jy160@columbia.edu

or Prof. Deborah Mowshowitz, 744D Mudd; 212-854-4497;
dbm2@columbia.edu

Psychology:

Professor Caroline Marvin, 317 Schermerhorn Ext, 854-0166,
cbm2118@columbia.edu

On-Line Resources:

FAQs for first-year students: <http://www.columbia.edu/cu/biology/ug/advice/faqs/firstyr.html>

FAQs for prospective majors: <http://www.columbia.edu/cu/biology/ug/advice/faqs/major.html>

Checklist of major requirements: <http://biology.columbia.edu/programs/major-requirements> (<http://biology.columbia.edu/programs/major-requirements/>)

Additional course information: <http://biology.columbia.edu/courses> (<http://biology.columbia.edu/courses/>)

For the first term of their introductory biology sequence, students may take either BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology, which has a prerequisite of chemistry, or EEB UN2001 Environmental Biology I: Elements to Organisms, which does not require chemistry. EEB UN2001 Environmental Biology I: Elements to Organisms may be taken in the first year.

BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology should be taken later, after 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 Modern Biology in the fall semester of their first year.

Premedical students should consult with their advising dean or the preprofessional office for relevant details of medical school requirements. Students interested in graduate school should consult the biology career adviser, Dr. Chloe Bulinski.

Nonscience majors who wish to take a biology course to fulfill the science requirement are encouraged to take BIOL UN1130 Genes and Development. They may also take, with the instructor's permission, BIOL UN3208 Introduction to Evolutionary Biology or EEB UN2001 Environmental Biology I: Elements to Organisms.

Interested students should consult listings in other departments for courses related to biology. For courses in environmental studies, see listings for Earth and environmental sciences or for ecology, evolution, and environmental biology. For courses in human evolution, see listings for anthropology or for ecology, evolution, and environmental biology. For courses in the history of evolution, see listings for history and for philosophy of science. For a list of courses in computational biology and genomics, visit <http://systemsbiology.columbia.edu/courses> (<http://systemsbiology.columbia.edu/courses/>).

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Biology exam. Placement is determined by the department. Students with a 5 on the AP are encouraged to take BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology and BIOL UN2006 Introductory Biology II: Cell

Biology, Development & Physiology, but are not required to do so. For details, visit <http://www.columbia.edu/cu/biology/ug/faqs.html>.

TRANSFER CREDIT ADVISING

Current and prospective biology majors and concentrators whose last names begin with A-H should consult with Prof. Kalderon. Students whose last names begin with I-P should consult with Prof. Hecklen. Students whose last names begin with Q-Z should consult with Prof. Bussemaker. Current and prospective biochemistry majors should consult with Prof. Stockwell for biology course advising and Prof. Cornish for chemistry course advising. Current and prospective biophysics majors should consult with Prof. Sahin. Students who cannot contact their adviser should consult with Prof. Mowshowitz.

For additional information, including office hours, please visit <http://biology.columbia.edu/programs/advisors> (<http://biology.columbia.edu/programs/advisors/>).

A-E: Professor Carl Hart, 401D Schermerhorn Hall;
212-854-5313; chair@psych.columbia.edu

F-Q: Professor Caroline Marvin, 355B Schermerhorn Ext;
212-854-3608; cbm2118@columbia.edu

R-Z: Professor Don Hood, 415 Schermerhorn; 212-854-4587;
dch3@columbia.edu

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP (SURF) PROGRAM

First-year students, sophomores, and juniors are eligible for the department's paid internship program (SURF). This program is competitive; the department cannot assure every eligible student a place in any given summer.

Students apply to the program early in the spring term. A faculty committee headed by Dr. Alice Hecklen then matches selected students to appropriate labs. The deadline for SURF applications is at the beginning of the spring semester.

SURF students must submit a report on their work at the end of the summer session and participate in the following year's annual Undergraduate Research Symposium. Although it does not carry any academic credit, SURF can be used toward the lab requirement for majors and toward graduation with honors. For detailed information on all summer research programs and how to apply, please visit the SURF website (<http://www.columbia.edu/cu/biology/ug/surf/>).

Current detailed descriptions of the SURF program and the application procedure are available at SURF's website, <http://www.columbia.edu/cu/biology/ug/surf/>. For more information

on the Amgen Scholarship Program, please visit <http://www.columbia.edu/cu/biology/ug/amgen/>. Applications to all of these programs are through SURF.

DEPARTMENTAL HONORS

Students must apply for departmental honors. Applications are due no later than one day after spring break of their senior year. For details, please visit the departmental website at <http://biology.columbia.edu/programs/honors-biological-sciences> (<http://biology.columbia.edu/programs/honors-biological-sciences/>).

PROFESSORS

Peter Andolfatto
J. Chloë Bulinski
Harmen Bussemaker
Martin Chalfie
Lawrence Chasin
Julio Fernandez
Stuart Firestein
Joachim Frank
Iva Greenwald
Tulle Hazelrigg
Oliver Hobert
John Hunt
Daniel Kalderon
Darcy Kelley
Laura Landweber
James Manley
Robert Pollack
Carol Prives
Ronald Prywes
Molly Przeworski
Michael Sheetz
Brent Stockwell
Simon Tavare
Saeed Tavazoie
Liang Tong
Alexander Tzagoloff
Jian Yang
Rafael Yuste

ASSOCIATE PROFESSORS

Lars Dietrich
Songtao Jia
Ozgur Sahin
Guy Sella

ASSISTANT PROFESSORS

Erin Barnhart
Laura Duvall
Jellert Gaublomme
Marko Jovanovic
Raju Tomer
Maria Tosches

LECTURERS

Claire Elise Hazen
Alice Hecklen
Mary Ann Price
Lili Yamasaki

ADJUNCT FACULTY

Lewis Brown Ronald Guido Jay Hammel
Danny Nam Ho
John Loike
Alan Morrison
Deborah Mowshowitz
Solomon Mowshowitz
Dana Pe'er
Vincent Racaniello
David Sable

GUIDELINES FOR ALL BIOLOGICAL SCIENCES MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Returning students should check the departmental website for any last-minute changes and/or additional information. See especially undergraduate updates and list of department courses. All major and concentration requirements are detailed on the website and links provided below.

Exceptions to Requirements

Students must get written permission in advance for any exceptions to the requirements listed below. For the exceptions to be applied toward graduation, the student must notify the biology department in one of the following two ways:

1. The student can file a completed paper planning form, signed by a faculty adviser, in the biology department office at 600 Fairchild;
2. The faculty member approving the exception can send an e-mail explaining the exceptions to mes2314@columbia.edu.

Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on your transcript for any course – including the first – to be counted toward the major or concentration requirements. The grade of P is not acceptable. A course that was taken Pass/D/Fail may be counted if and only if the P is uncovered by the Registrar's deadline.

Courses

Courses with the subject code *HPSC* or *SCNC* do not count toward the majors or concentrations.

MAJOR IN BIOLOGY

General Information

The requirements for the biology major include courses in biology, chemistry, physics, and mathematics.

The required biology courses are one year of introductory biology, two core courses in biology or biochemistry, two 3-point electives in biology or biochemistry, and an appropriate lab experience. See below for details.

The required courses outside the biology department are chemistry through organic (plus labs), one year of college-level physics (plus lab), and the completion of one year of college-level mathematics (usually calculus).

Alternative sequences to the above may be arranged in special circumstances, but only with the permission of the director of undergraduate studies or a departmental adviser obtained in advance; for example, certain courses listed in the *Summer Term Bulletin*, the *School of General Studies Bulletin*, and the *Barnard College Bulletin* may be applied toward the major. In addition, selected courses at the Columbia-Presbyterian Medical Center are open to advanced undergraduates. Credit toward the major for courses not listed in the *Columbia College Bulletin* must be discussed in advance with the director of undergraduate studies or a departmental adviser. Students are responsible for notifying the department of all exceptions either in writing or by e-mail as explained above.

Alternative programs must be arranged in advance with the director of undergraduate studies. Students planning graduate work in biology should keep in mind that physical chemistry and statistics are important for many graduate programs.

Introductory Courses

The usual one-year introductory biology sequence is BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology-BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology, taken in the sophomore year, or EEBB UN2001 Environmental Biology I: Elements to Organisms-BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology, which may be taken in the first year.

Other sequences require permission in advance from the director of undergraduate studies or departmental advisers. Students with a strong background in chemistry or molecular biology may take BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology-BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology in their first year; the permission of one of the instructors is required.

Premedical students usually take BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology-BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology after a year of general chemistry; premedical students interested in the environmental sciences may take EEBB UN2001 *Environmental Biology I: Elements to*

Organisms followed by BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology.

Students with advanced placement in biology are expected but not required to take EEEB UN2001 Environmental Biology I: Elements to Organisms or BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology as their initial biology course, because BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology-BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology is taught at a level of detail and depth not found in most advanced placement courses.

Students who wish to skip BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology and start with a higher-level biology course may do so, but they must obtain permission in advance from the director of undergraduate studies. For additional information, see FAQs for first-year students at <http://www.columbia.edu/cu/biology/ug/advice/faqs/firstyr.html>.

Core Courses

Two out of the following five departmental core courses are required:

BIOL UN3022	Developmental Biology
BIOL UN3031	Genetics
BIOL UN3041	Cell Biology
BIOC UN3501	Biochemistry: Structure and Metabolism
or BIOC UN3300	Biochemistry
BIOC UN3512	Molecular Biology

Laboratory Courses

A laboratory experience in biology is required. It may be fulfilled by completing any one of the following options:

Option 1:

Select one of the following 5-point laboratory courses:

BIOL UN3050	Project Laboratory In Protein Biochemistry
BIOL UN3052	Project Laboratory in Molecular Genetics
BIOL UN3058	Project Laboratory in Microbiology

Option 2:

BIOL UN2501 Contemporary Biology Laboratory

Select an additional 3-point lab such as BIOL UN3040 or a Barnard lab.

Option 3:

Two terms of BIOL UN3500 taken for a letter grade, including the submission of a satisfactory research report at the end of each semester

Option 4:

Completion of all the requirements for one session of the Summer Undergraduate Research Fellowship (SURF). An additional semester of BIOL UN3500 in the same research lab is recommended but not required. Summer lab work under other auspices may not be substituted for the SURF Program.

The laboratory fee (\$150) partially covers the cost of nonreturnable items. This fee is charged for all lab courses, including BIOL UN3500 Independent Biological Research.

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 Independent Biological Research cannot be used as one of the courses to satisfy the upper-level elective course requirement.

Chemistry

All majors must take chemistry through organic including labs. One of the following three groups of chemistry courses is required:

Option 1:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
CHEM UN1500 - CHEM UN1501	General Chemistry Laboratory and General Chemistry Laboratory Lecture
CHEM UN2443 - CHEM UN2444	Organic Chemistry I (Lecture) and Organic Chemistry II (Lecture)
CHEM UN2493 - CHEM UN2494	Organic Chemistry Laboratory I (Techniques) and Organic Chemistry Laboratory II (Synthesis)

Option 2:

For students who qualify for intensive chemistry

CHEM UN1604	Intensive General Chemistry (Lecture)
CHEM UN1507	Intensive General Chemistry Laboratory
CHEM UN2444 - CHEM UN2443	Organic Chemistry II (Lecture) and Organic Chemistry I (Lecture)
CHEM UN2495 - CHEM UN2496	Organic Chem. Laboratory I and Organic Chem. Laboratory II

Option 3:

For students who qualify for first year organic chemistry

CHEM UN1507	Intensive General Chemistry Laboratory
CHEM UN2045 - CHEM UN2046	Intensive Organic Chemistry I (Lecture) and Intensive Organic Chemistry II (Lecture)
CHEM UN2495 - CHEM UN2496 or CHEM UN2545	Organic Chem. Laboratory I and Organic Chem. Laboratory II Intensive Organic Chemistry Laboratory

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 Laboratory II. Higher-level physics sequences are also acceptable. The 1400-level sequence is recommended for students who plan to take three terms of physics.

Mathematics

Two semesters of calculus or honors mathematics are required. Students may substitute one semester of statistics for one semester of calculus with an adviser's permission. For students with AP credit, completion of MATH UN1102 Calculus II, MATH UN1201 Calculus III, or MATH UN1207 Honors Mathematics A is sufficient. However, students with AP credit are encouraged to take additional courses in mathematics or statistics at Columbia.

For more details on the biology major requirements, visit <http://biology.columbia.edu/pages/biology-major-requirements> (<http://biology.columbia.edu/pages/biology-major-requirements/>).

MAJOR IN BIOCHEMISTRY

The required basic courses for the biochemistry major are chemistry through organic, including laboratory, and one year each of physical chemistry, physics, calculus, biology, and biochemistry/molecular biology.

The required additional courses are three lecture courses chosen from mathematics, chemistry, and biology, and two upper-level laboratory courses.

For more details, see the *Chemistry* section in this Bulletin. For additional information visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biochemistry-major-requirements> (<http://biology.columbia.edu/pages/biochemistry-major-requirements/>).

MAJOR IN BIOPHYSICS

The requirements for the biophysics major are as follows:

One year of introductory biology:

BIOL UN2005 - BIOL UN2006	Introductory Biology I: Biochemistry, Genetics & Molecular Biology and Introductory Biology II: Cell Biology, Development & Physiology
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Select at least one of the following laboratory courses:

BIOL UN3050	Project Laboratory In Protein Biochemistry
BIOL UN3052	Project Laboratory in Molecular Genetics
BIOL UN3058	Project Laboratory in Microbiology

BIOL UN3500	Independent Biological Research
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One course in biochemistry or molecular biology:

BIOC UN3501	Biochemistry: Structure and Metabolism
or BIOL UN3512	Molecular Biology
or BIOL UN3300	Biochemistry

Select one of the following options:

Option 1 - Genetics:

BIOL UN3031	Genetics
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Option 2 - Neurobiology:

BIOL UN3004	Neurobiology I: Cellular and Molecular Neurobiology
or BIOL UN3005	Neurobiology II: Development & Systems

Option 3 - Developmental Biology:

BIOL UN3022	Developmental Biology
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Select one of the following sequences to be completed at the end of sophomore year:

PHYS UN1401 - PHYS UN1402 - PHYS UN1403 - PHYS UN1494	Introduction To Mechanics and Thermodynamics and Introduction To Electricity, Magnetism, and Optics and Introduction to Classical and Quantum Waves and Introduction to Experimental Physics
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PHYS UN1601 - PHYS UN1602 - PHYS UN2601 - PHYS UN2699	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism and Physics, III: Classical and Quantum Waves and Experiments in Classical and Modern Physics
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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.

Calculus through MATH UN1202 or MATH UN1208

MATH UN3027	Ordinary Differential Equations
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Chemistry through organic including labs; see biology major for options

Select one additional course at the 3000- or 4000-level, including BIOL GU4002, BIOL GU4323, and BIOL GU4324, in either physics or biology.

For more details, see the *Physics* section in this Bulletin or visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biophysics-major-requirements> (<http://biology.columbia.edu/pages/biophysics-major-requirements/>).

MAJOR IN NEUROSCIENCE AND BEHAVIOR

In addition to one year of general chemistry, ten courses are required to complete the major in neuroscience and behavior—five in biology and five in psychology.

For more details, see the *Psychology* section in this Bulletin or visit <http://biology.columbia.edu/pages/neuroscience-and-behavior-major-requirements> (<http://biology.columbia.edu/pages/neuroscience-and-behavior-major-requirements/>).

BIOLOGY COURSES

One year of introductory biology.

BIOL UN2005	Introductory Biology I:
- BIOL UN2006	Biochemistry, Genetics & Molecular Biology and Introductory Biology II: Cell Biology, Development & Physiology

One year of Neurobiology

BIOL UN3004	Neurobiology I: Cellular and
- BIOL UN3005	Molecular Neurobiology and Neurobiology II: Development & Systems

One additional 3000 or 4000 level biology lecture course from the following:

BIOL UN3006	Physiology
BIOL UN3022	Developmental Biology
BIOL UN3025	Neurogenetics
BIOL UN3031	Genetics
BIOL UN3799	Molecular Biology of Cancer
BIOL UN3034	Biotechnology
BIOL UN3041	Cell Biology
BIOL UN3073	Cellular and Molecular Immunology
BIOL UN3193	Stem Cell Biology and Applications
BIOC UN3300	Biochemistry
BIOC UN3501	Biochemistry: Structure and Metabolism
BIOL UN3310	Virology
BIOL UN3404	Seminar on the Global Threat of Antimicrobial Resistance
BIOC UN3512	Molecular Biology
BIOL GU4008	The Cellular Physiology of Disease
BIOL GU4082	Theoretical Foundations and Applications of Biophysical Methods
BIOL GU4300	Drugs and Disease
BIOL GU4510	Genomics of Gene Regulation
BIOL GU4560	Evolution in the age of genomics
BIOL GU4035	Seminar in Epigenetics
BIOL GU4070	The Biology and Physics of Single Molecules
BIOL GU4075	Biology at Physical Extremes

BIOL GU4080	The Ancient and Modern RNA Worlds
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BIOL GU4260	Proteomics Laboratory
BIOL GU4290	Biological Microscopy
BIOL GU4305	Seminar in Biotechnology

PSYCHOLOGY COURSES

PSYC UN1001	The Science of Psychology
PSYC UN2430	Cognitive Neuroscience (Students who have previously taken PSYC UN1010 Mind, Brain and Behavior may use that course to fulfill this requirement.)
or PSYC UN2450	Behavioral Neuroscience

One lab or statistics course from the following:

PSYC S2210Q	Cognition: Basic Processes ^{STAT} UN1001 does not count towards the Neuroscience & Behavior Major.
or PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR
or PSYC UN1450	Experimental Psychology: Social Cognition and Emotion
or PSYC UN1490	Experimental Psychology: Cognition and Decision Making
or PSYC UN1610	Introductory Statistics for Behavioral Scientists
or PSYC UN1660	Advanced Statistical Inference
or STAT UN1101	Introduction to Statistics
or STAT UN1201	Calculus-Based Introduction to Statistics

One additional 2000 or 3000 level psychology course from a list approved by the Psychology Departmental adviser to the program.

PSYC S2215D	Cognition and the Brain
or PSYC S2215D	Cognition and the Brain
PSYC UN2220	Cognition: Memory and Stress
PSYC W2225	Attention and Perception
PSYC W2230	Perception and Sensory Processes
PSYC UN2235	Thinking and Decision Making
or PSYC S2235Q	Thinking and Decision Making
PSYC UN2250	Evolution of Cognition
PSYC UN2280	Introduction to Developmental Psychology
PSYC UN2420	Animal Behavior
or PSYC UN2430	Cognitive Neuroscience
PSYC W2440	Language and the Brain
PSYC S2450Q	Behavioral Neuroscience
or PSYC UN2450	Behavioral Neuroscience
PSYC UN2460	Drugs and Behavior
PSYC W2480	The Developing Brain
PSYC UN2620	Abnormal Behavior
or PSYC S2620Q	Abnormal Behavior
One advanced psychology seminar from a list approved by the Psychology Department adviser to the program	
PSYC W3225	The Wandering Mind: Psychological Approaches to Distraction

PSYC W3250	Seminar in Space Perception (Seminar)
or PSYC G4230	Sensation and Perception (Seminar)
PSYC W3255	Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)
or PSYC G4255	Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)
PSYC W3265	Auditory Perception (Seminar)
PSYC UN3270	Computational Approaches to Human Vision (Seminar)
PSYC W3280	Seminar In Infant Development
or PSYC S3280D	Seminar in Infant Development
PSYC S3285D	The Psychology of Disaster Preparedness
PSYC UN3290	Self: A Cognitive Exploration (Seminar)
PSYC G4220	Cognition and Psychopathology (Seminar)
PSYC GU4222	The Cognitive Neuroscience of Aging (Seminar)
PSYC GU4223	Memory and Executive Function Thru the Lifespan
PSYC GU4225	Consciousness and Attention (Seminar)
PSYC GU4229	Attention and Perception
PSYC G4230	Sensation and Perception (Seminar)
PSYC GU4232	Production and Perception of Language
PSYC GU4235	Special Topics in Vision (Seminar)
PSYC GU4239	Cognitive neuroscience of narrative and film
PSYC GU4250	Evolution of Intelligence, Cognition, and Language (Seminar)
PSYC GU4270	Cognitive Processes (Seminar)
PSYC G4272	Advanced Seminar in Language Development
PSYC G4275	Contemporary Topics in Language and Communication (Seminar)
PSYC GU4280	Core Knowledge (Seminar)
PSYC G4285	Multidisciplinary Approaches to Human Decision Making (Seminar)
PSYC GU4287	Decision Architecture
PSYC S3410Q	Seminar in Emotion
PSYC S3425D	Animals in Our Own Backyard: The Science of Observing Behavior
PSYC W3435	Neurobiology of Reproductive Behavior (Seminar)
PSYC W3440	Issues In Brain and Behavior (Seminar)
or PSYC UN3445	The Brain & Memory
PSYC UN3450	Evolution of Intelligence and Consciousness (Seminar)
or PSYC G4450	The Evolution of Intelligence & Consciousness (Seminar)
PSYC UN3460	Evolution of Behavior (Seminar)

PSYC UN3470	Brain Evolution: Becoming Human (Seminar)
PSYC UN3481	Critical Periods in Brain Development and Behavior
PSYC S3483D	The Dynamic Brain: Plasticity from Birth to Old Age
PSYC W3484	Life Span Development: Theory and Methods
PSYC UN3496	Neuroscience and Society
or PSYC S3496Q	Neuroscience and Society
PSYC GU4420	Animal Cognition (Seminar)
PSYC GU4430	Learning and the Brain (Seminar)
PSYC GU4435	Non-Mnemonic Functions of Memory Systems
PSYC GU4440	Topics in Neurobiology and Behavior (Seminar)
or PSYC S4440Q	Topics in Neurobiology and Behavior
PSYC G4460	Cognitive Neuroscience and the Media (Seminar)
PSYC G4475	Neurobiology of Social Behavior
PSYC GU4480	Psychobiology of Infant Development (Seminar)
PSYC G4485	Affective Neuroscience (Seminar)
PSYC GU4486	Developmental and Affective Neuroscience (Seminar)
PSYC GU4490	Inheritance (Seminar)
PSYC G4492	Psychobiology of Stress
PSYC G4495	Ethics, Genetics, and the Brain
PSYC GU4498	Behavioral Epigenetics
PSYC G4499	Behavioral Psychopharmacology (Seminar)
PSYC UN3615	Children at Risk (Lecture)
PSYC UN3620	Seminar in Developmental Psychopathology
PSYC UN3625	Clinical Neuropsychology (Seminar)
or PSYC S3625D	Clinical Neuropsychology Seminar
PSYC UN3680	Social Cognitive Neuroscience (Seminar)
or PSYC GU4685	Social Cognitive Neuroscience (Seminar)
PSYC G4635	The Unconscious Mind (Seminar)
PSYC GU4690	Social Factors and Psychopathology (Seminar)

CONCENTRATION IN BIOLOGY

Students who wish to concentrate in biology must design their programs in advance with the director of undergraduate studies or a departmental adviser.

The requirement for the concentration is 22 points in biology or biochemistry, with at least five courses chosen from the courses listed in the Biological Sciences section of the Bulletin. Additional

courses in physics, chemistry, and mathematics are required as detailed below.

A project laboratory and BIOL UN2501 Contemporary Biology Laboratory may **not** both be counted toward the 22-point total. See the biology major requirements for additional information.

The requirements for the concentration in biology are as follows:

BIOL UN2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
or EEEB UN2001	Environmental Biology I: Elements to Organisms

BIOL UN2006	Introductory Biology II: Cell Biology, Development & Physiology
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Select at least one of the following core courses:

BIOL UN3022	Developmental Biology
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BIOL UN3031	Genetics
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BIOL UN3041	Cell Biology
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BIOC UN3501	Biochemistry: Structure and Metabolism
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or BIOC UN3300	Biochemistry
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BIOC UN3512	Molecular Biology
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Beginning Fall 2018, no lab is required for the concentration.

All other requirements remain the same, including enough electives to reach at least 22 points. Either UN2501 or a five-point lab course, but not both, may count towards the 22 point total.

Chemistry through organic including labs; see biology major for options

One year of physics, including laboratory; see biology major for options

One year of college-level mathematics (ordinarily this should be calculus); see biology major for options

For more details, visit <http://biology.columbia.edu/pages/biology-concentration-requirements> (<http://biology.columbia.edu/pages/biology-concentration-requirements/>).

MAJOR IN ENVIRONMENTAL BIOLOGY

The Environmental Biology major resides in the Department of Ecology, Evolution, and Environmental Biology. For a description of the major, see the *Ecology, Evolution, and Environmental Biology* section in this Bulletin.

FALL 2019

BIOL UN1908	First-Year Seminar in Modern Biology
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BIOL UN2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
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BIOL UN2401	Contemporary Biology I: Biochemistry, Genetics & Molecular Biology
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BIOL UN2501	Contemporary Biology Laboratory
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BIOL UN3004	Neurobiology I: Cellular and Molecular Neurobiology
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BIOL UN3006	Physiology
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BIOL UN3022	Developmental Biology
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BIOL UN3041	Cell Biology
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BIOL UN3052	Project Laboratory in Molecular Genetics
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BIOL UN3073	Cellular and Molecular Immunology
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BIOC UN3300	Biochemistry
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BIOL UN3404	Seminar on the Global Threat of Antimicrobial Resistance
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BIOL UN3500	Independent Biological Research
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BIOC UN3501	Biochemistry: Structure and Metabolism
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BIOL UN3560	Evolution in the age of genomics
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BIOL UN3700	Independent Clinical Research
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BIOL GU4001	Advanced Genetic Analysis
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BIOL GU4034	Biotechnology
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BIOT GU4200	Biopharmaceutical Development & Regulation
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BIOL GU4260	Proteomics Laboratory
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BIOL GU4300	Drugs and Disease
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BIOC GU4323	Biophysical Chemistry I
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BIOL GU4600	Cell Signaling
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SPRING 2020

BIOL UN1130	Genes and Development
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BIOL UN2006	Introductory Biology II: Cell Biology, Development & Physiology
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BIOL UN2402	Contemporary Biology II: Cell Biology, Development & Physiology
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BIOL UN2501	Contemporary Biology Laboratory
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BIOL UN3005	Neurobiology II: Development & Systems
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BIOL UN3025	Neurogenetics
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BIOL UN3031	Genetics
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BIOL UN3040	Lab in Molecular Biology
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BIOC UN3300	Biochemistry
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BIOL UN3500	Independent Biological Research
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BIOL UN3700	Independent Clinical Research
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BIOL UN3799	Molecular Biology of Cancer
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BIOL UN3995	Topics in Biology
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BIOL GU4075	Biology at Physical Extremes
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BIOL GU4290	Biological Microscopy
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BIOL GU4305	Seminar in Biotechnology
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BIOL GU4310	Virology
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BIOC GU4324	Biophysical Chemistry II
BIOC GU4512	Molecular Biology

ALL COURSES

BIOC UN3300 Biochemistry. 3 points.

Prerequisites: one year each of Introductory Biology and General Chemistry. Corequisites: Organic Chemistry. Primarily aimed at nontraditional students and undergraduates who have course conflicts with BIOC UN3501.

Biochemistry is the study of the chemical processes within organisms that give rise to the immense complexity of life. This complexity emerges from a highly regulated and coordinated flow of chemical energy from one biomolecule to another. This course serves to familiarize students with the spectrum of biomolecules (carbohydrates, lipids, amino acids, nucleic acids, etc.) as well as the fundamental chemical processes (glycolysis, citric acid cycle, fatty acid metabolism, etc.) that allow life to happen. In particular, this course will employ active learning techniques and critical thinking problem-solving to engage students in answering the question: how is the complexity of life possible? NOTE: While Organic Chemistry is listed as a corequisite, it is highly recommended that you take Organic Chemistry beforehand.

Spring 2020: BIOC UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/11855	T 7:10pm - 9:30pm Room TBA	Danny Ho	3	82/100

BIOC UN3501 Biochemistry: Structure and Metabolism. 4 points.

Prerequisites: one year of BIOL UN2005 and BIOL UN2006 and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC UN3501* and *BIOC UN3512*. *UN3501* covers subject matters in modern biochemistry, including chemical biology and structural biology, discussing the structure and function of both proteins and small molecules in biological systems. Proteins are the primary class of biological macromolecules and serve to carry out most cellular functions. Small organic molecules function in energy production and creating building blocks for the components of cells and can also be used to perturb the functions of proteins directly. The first half of the course covers protein structure, enzyme kinetics and enzyme mechanism. The second half of the course explores how small molecules are used endogenously by living systems in metabolic and catabolic pathways; this part of the course focuses on mechanistic organic chemistry involved in metabolic pathways.

BIOC UN3512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: BIOC UN3501.

This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific

literature and help students understand how to identify important biological problems and how to address them experimentally. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.
<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOC GU4323 Biophysical Chemistry I. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods. The first three modules will be covered during the fall term. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

BIOC GU4324 Biophysical Chemistry II. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

BIOC GU4501 Biochemistry: Structure and Metabolism. 4 points.

Undergraduates should register for *BIOC C3501*.

Prerequisites: one year of *BIOL C2005* and *BIOL C2006* and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC C3501* and *C3512*. *C3501* covers subject matters in modern biochemistry, including chemical biology and structural biology, discussing the structure and function of both proteins and small molecules in biological systems. Proteins are the primary class of biological macromolecules and serve to carry out most cellular functions. Small organic molecules function in energy production and creating building blocks for the components of cells and can also be used to perturb the functions of proteins directly. The first half of the course covers protein structure, enzyme kinetics and enzyme mechanism. The second half of the course explores how small molecules are used endogenously by living systems in metabolic and catabolic pathways; this part of the course focuses on mechanistic organic chemistry involved in metabolic pathways.

BIOC GU4512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: *BIOC UN3501*

This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.

<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOC GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4512	001/11536	M W 2:40pm - 3:55pm Room TBA	James Manley, Songtao Jia	3	46/80

BIOL UN1002 Theory and Practice of Science: Biology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: either *BIOL UN1015* or AP biology, or the instructor's permission.

Lecture and recitation. By analysis and example from the primary literature of evolution and genetics, examines how scientific theories are invented and how they come to be accepted, verified, and in some cases rejected. Papers begin with Darwin and Mendel and end with Watson. Ordinarily does not fulfill biology major or

concentration requirements. Normally may not be taken for credit by any student who has previously completed any biology course numbered 2000 or above. *BIOL UN1015* should be taken first then *BIOL UN1002* for nonscience majors.

BIOL UN1130 Genes and Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of high school or college biology.

This course covers selected topics in genetics and developmental biology, with special emphasis on issues that are relevant to contemporary society. Lectures and readings will cover the basic principles of genetics, how genes are expressed and regulated, the role of genes in normal development, and how alterations in genes lead to abnormal development and disease. We will also examine how genes can be manipulated in the laboratory, and look at the contributions of these manipulations to basic science and medicine, as well as some practical applications of these technologies. Interspersed student-run workshops will allow students to research and discuss the ethical and societal impacts of specific topics (e.g. *in vitro* fertilization, uses and misuses of genetic information, genetically modified organisms, steroid use, and cloning). SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL UN1130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1130	001/12010	T Th 2:40pm - 3:55pm Room TBA	Tulle Hazelrigg	3	25/25

BIOL UN1908 First-Year Seminar in Modern Biology. 1 point.

If you are interested in doing biology-related research at Columbia University this is the course for you. Each week a different Columbia University professor's discusses their biology-related research giving you an idea of what kind of research is happening at Columbia. Come ask questions and find out how the body works, the latest therapies for disease and maybe even find a lab to do research in. <http://www.columbia.edu/cu/biology/courses/UN1908/index.html> (<http://www.columbia.edu/cu/biology/courses/UN1908/>)

Fall 2019: BIOL UN1908

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1908	001/52844	W 2:40pm - 3:40pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	1	57/70

BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology. 4 points.

Prerequisites: one year of college chemistry, or a strong high school chemistry background.

Lecture and recitation. Recommended as the introductory biology course for biology and related majors, and for premedical students. Fundamental principles of biochemistry, molecular biology, and genetics. Website: <http://www.columbia.edu/cu/biology/courses/c2005/index.html>. (<http://www.columbia.edu/cu/biology/courses/c2005/>) SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. registrar.

<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2005	001/52817	T Th 10:10am - 11:25am 417 International Affairs Bldg	Lawrence Chasin, Deborah Mowshowitz, Marko Jovanovic	4	158/400
BIOL 2005	002/52818	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Deborah Mowshowitz, Marko Jovanovic, Lawrence Chasin	4	91/200

BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology. 4 points.

Prerequisites: EEEB UN2001 or BIOL UN2005, or the instructor's permission.

Lecture and recitation. Recommended second term of biology for majors in biology and related majors, and for premedical students. Cellular biology and development; physiology of cells and organisms. Website: <http://www.columbia.edu/cu/biology/courses/c2006/> SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf> Students must register for a recitation section BIOL UN2016. (<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>)

Spring 2020: BIOL UN2006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2006	001/11547	T Th 10:10am - 11:25am Room TBA	Deborah Mowshowitz, Mary Ann Price	4	140/398
BIOL 2006	002/11548	T Th 4:10pm - 5:25pm Room TBA	Deborah Mowshowitz, Mary Ann Price	4	70/398

BIOL UN2016 INTRO BIO II:CELL BIO,DEV/PHYS. 0 points.

Prerequisites: Prerequisites: Course does not fulfill Biology major requirements or premedical requirements. ,Enrollment in laboratory limited to 16 students per section.

Corequisites: BIOL UN2006

Prerequisites: Course does not fulfill Biology major requirements or premedical requirements. Enrollment in laboratory limited to 16 students per section. Exploration of the major discoveries and ideas that have revolutionized the way we view organisms and understand life. The basic concepts of cell biology, anatomy and physiology, genetics, evolution, and ecology will be traced from seminal discoveries to the modern era. The laboratory will develop these concepts and analyze biological diversity through a combined experimental and observational approach.

Spring 2020: BIOL UN2016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2016	001/16155	M 6:10pm - 8:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	23/24
BIOL 2016	002/16156	T 12:10pm - 2:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	24/24
BIOL 2016	003/16157	T 12:10pm - 2:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	0/24
BIOL 2016	004/16158	T 6:10pm - 8:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	13/24
BIOL 2016	005/16159	W 12:10pm - 2:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	13/24
BIOL 2016	006/16160	W 12:10pm - 2:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	7/24
BIOL 2016	007/16162	W 2:10pm - 4:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	15/24
BIOL 2016	008/16163	W 4:10pm - 6:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	0/24
BIOL 2016	009/16164	W 4:10pm - 6:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	0/24
BIOL 2016	010/16165	W 8:10pm - 10:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	10/24
BIOL 2016	011/16166	Th 12:10pm - 2:00pm Room TBA	Deborah Mowshowitz, Mary Ann Price	0	13/24
BIOL 2016	012/16168	Th 12:10pm - 2:00pm	Deborah Mowshowitz,	0	8/24

Room TBA

Mary Ann
Price**BIOL UN2401 Contemporary Biology I: Biochemistry, Genetics & Molecular Biology. 3 points.**

Prerequisites: a course in college chemistry or the written permission of either the instructor or the premedical adviser. Recommended as the introductory biology course for science majors who have completed a year of college chemistry and premedical students. The fundamental principles of biochemistry, molecular biology, and genetics. Website: <http://www.columbia.edu/cu/biology/courses/c2005/index.html>. (<http://www.columbia.edu/cu/biology/courses/c2005/>) SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2401	001/52848	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Lawrence Chasin, Deborah Mowshowitz, Marko Jovanovic	3	83/220

BIOL UN2402 Contemporary Biology II: Cell Biology, Development & Physiology. 3 points.

Prerequisites: a course in college chemistry and BIOL UN2005 or BIOL UN2401, or the written permission of either the instructor or the premedical adviser. Cellular biology and development; physiology of cells and organisms. Same lectures as *BIOL UN2006*, but recitation is optional. For a detailed description of the differences between the two courses, see the course web site or <http://www.columbia.edu/cu/biology/ug/advice/faqs/gs.html>. Website: <http://www.columbia.edu/cu/biology/courses/c2006/>

, SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL UN2402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2402	001/11549	T Th 4:10pm - 5:25pm Room TBA	Deborah Mowshowitz, Mary Ann Price	3	62/339

BIOL UN2501 Contemporary Biology Laboratory. 3 points.

Enrollment per section limited to 28. Lab Fee: \$150.

Fee: Lab Fee - 150.00

Prerequisites: Strongly recommended prerequisite or corequisite: BIOL UN2005 or BIOL UN2401.

Experiments focus on genetics and molecular biology, with an emphasis on data analysis and experimental techniques. The class also includes a study of mammalian anatomy and histology. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/52802	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	19/28
BIOL 2501	002/52803	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	28/28
BIOL 2501	003/52804	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	27/28
BIOL 2501	004/52805	Th 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	30/28
BIOL 2501	005/52806	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	23/28
BIOL 2501	006/52807	W 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	21/28

Spring 2020: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/12011	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	21/28
BIOL 2501	002/12012	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	23/28
BIOL 2501	003/12013	Th 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	11/28
BIOL 2501	004/12014	Th 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	20/28
BIOL 2501	005/12015	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	15/28

BIOL UN2700 Past and future of the human genome. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

We can now determine the genetic makeup of any person in a matter of days and at a cost already within reach for many millions of people. For the past few years a movement has emerged to provide detailed genetic information directly to ordinary people, in some cases with the explicit aim of helping prospective parents to “eliminate preventable genetic disease” or, as one newspaper put it, to promote “genetically flawless babies.”

But our technical capacity to both interrogate and manipulate the human genome has raced far ahead of serious consideration of the societal implications of doing so. This course will provide students with the background necessary to understand what has and will be done with the human genome and ultimately to help society formulate appropriate policies for wise stewardship of the human genome.

To help illustrate the information available in the human genome and how it may influence individuals' lives, the instructors' will share and discuss their own and other public genomes in ways both molecular and personal.

BIOL UN3004 Neurobiology I: Cellular and Molecular Neurobiology. 4 points.

Discussion Section Required

Prerequisites: one year of biology; a course in physics is highly recommended.

Lecture and recitation. This is an advanced course intended for majors providing an in depth survey of the cellular and molecular aspects of nerve cell function. Topics include: the cell biology and biochemistry of neurons, ionic and molecular basis of electrical signals, synaptic transmission and its modulation, function of sensory receptors. Although not required, it is intended to be followed by Neurobiology II (see below). The recitation meets once per week in smaller groups and emphasizes readings from the primary literature.

Fall 2019: BIOL UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3004	001/52849	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Jian Yang	4	110/120

BIOL UN3005 Neurobiology II: Development & Systems. 4 points.

Prerequisites: BIOL UN3004, one year of biology, or the instructor's permission.

This course is the "capstone" course for the Neurobiology and Behavior undergraduate major at Columbia University and will be taught by the faculty of the Kavli Institute of Brain Science: <http://www.kavli.columbia.edu/> Science: <http://www.kavli.columbia.edu/>. It is designed for advanced undergraduate and graduate students. Knowledge of Cellular Neuroscience (how an action potential is generated and how a synapse works) will be assumed. It is strongly recommended that students take *BIOL UN3004* Neurobiology I: Molecular and Cellular Neuroscience, or a similar course, before enrolling in

BIOL UN3005. Students unsure about their backgrounds should check a representative syllabus of *BIOL UN3004* on the *BIOL UN3004* website (<http://www.columbia.edu/cu/biology/courses/w3004/>). Website for *BIOL UN3005*: <http://www.columbia.edu/cu/biology/courses/w3005/index.html>

Spring 2020: BIOL UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3005	001/11491	T Th 10:10am - 11:25am Room TBA	Rafael Yuste	4	107/110

BIOL UN3006 Physiology. 3 points.

Prerequisites: (BIOL UN2005 and BIOL UN2006) or (BIOL UN2401 and BIOL UN2402) or the instructor's permission. Major physiological systems of vertebrates (circulatory, digestive, hormonal, etc.) with emphasis on cellular and molecular mechanisms and regulation. Readings include research articles from the scientific literature. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3006	001/52833	T Th 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Mary Ann Price	3	26/72

BIOL UN3008 The Cellular Physiology of Disease. 3 points.

Prerequisites: one 3000-level course in Cell Biology or Biochemistry, or the instructor's permission.

This course will present a quantitative description of the cellular physiology of excitable cells (mostly nerve and muscle). While the course will focus on examining basic mechanisms in cell physiology, there will be a thread of discussion of disease mechanisms throughout. The end of each lecture will include a discussion of the molecular mechanisms of selected diseases that relate to the topics covered in the lecture. The course will consist of two lectures per week. This course will be of interest to advanced (3000-4000 level) undergraduates that aim to pursue careers in medicine as well as those that will pursue careers in biomedical research. This course will also be of interest to graduate students desiring an introduction to the cellular physiology of nerve and muscle.

BIOL UN3022 Developmental Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: BIOL UN2005 and BIOL UN2006 or equivalent. Come discover how the union of egg and sperm triggers the complex cellular interactions that specify the diverse variety of cells present in multicellular organisms. Cellular and molecular aspects of sex determination, gametogenesis, genomic imprinting,

X-chromosome inactivation, telomerase as the biological clock, stem cells, cloning, the pill and cell interactions will be explored, with an emphasis on humans. Original research articles will be discussed to further examine current research in developmental biology. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN3022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3022	001/52834	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	3	38/70

BIOL UN3025 Neurogenetics. 3 points.

Prerequisites: (BIOL UN2005 and BIOL UN2006)

This course provides an introduction to Neurogenetics, which studies the role of genetics in the development and function of the nervous system (<https://en.wikipedia.org/wiki/Neurogenetics>). The course will be focused on teaching classic and contemporary concepts in genetics and neuroscience, rather than cataloguing mere facts. The course will emphasize the discovery processes, historical figures involved in these processes and methodologies of discovery. Primary research papers will be discussed in detail. A central organizational theme of the course is the presence of a common thread and narrative throughout the course. The common thread is an invertebrate model system, the roundworm *Caenorhabditis elegans*, which serves as a paradigm to show how simple genetic model systems have informed our view on the genetics of nervous system development and function. The ultimate goal of this course is to gain an understanding of the underlying principles of how the nervous system of one specific animal species forms, from beginning to end. The course is intended for neuroscience-inclined students (e.g. neuroscience majors) who want to learn about how genetic approaches have informed our understanding of brain development and function and, vice versa, for students with an interest in molecular biology and genetics, who want to learn about key problems in neuroscience and how genetic approaches can address them.

Spring 2020: BIOL UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3025	001/11254	T Th 8:40am - 9:55am Room TBA	Oliver Hobert	3	40/40

BIOL UN3031 Genetics. 3 points.

Students may receive credit for *BIOL W3031* or *BIOL C3032*, but not both due to overlap in course content.

Prerequisites: BIOL UN2005 and BIOL UN2006 or the equivalent.

General genetics course focused on basic principles of transmission genetics and the application of genetic approaches to the study of biological function. Principles will be illustrated using classical and contemporary examples from prokaryote and eukaryote organisms, and the experimental discoveries at their foundation will be featured. Applications will include genetic approaches to studying animal development and human diseases. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL UN3031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3031	001/11251	T Th 10:10am - 11:25am Room TBA	Iva Greenwald, Michelle Attner	3	50/70

BIOL UN3034 Biotechnology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
For upper-level undergraduates.

Prerequisites: genetics or molecular biology.

The course covers techniques currently used to explore and manipulate gene function and their applications in medicine and the environment. Part I covers key laboratory manipulations, including DNA cloning, gene characterization, association of genes with disease, and methods for studying gene regulation and activities of gene products. Part II also covers commercial applications, and includes animal cell culture, production of recombinant proteins, novel diagnostics, high throughput screening, and environmental biosensors. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3040 Lab in Molecular Biology. 3 points.

Enrollment limited to 12. Lab fee: \$150.

Prerequisites: one year of biology (BIOL UN2005 and BIOL UN2006) and Contemporary Biology Laboratory (BIOL UN2501).

Prerequisites: one year of biology (*UN2005-UN2006*) and Contemporary Biology Laboratory (*UN2501*). This lab will explore various molecular biology techniques frequently utilized in modern molecular biology laboratories. The lab will consist of four modules: 1) Molecular verification of genetically modified organisms (GMOs); 2) Site-directed mutagenesis; 3) gDNA extraction, PCR amplification, sequencing and GenBank

analysis of the COI genes from diverse fish species and 4) protein gel analysis of fish muscle components. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at: <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL UN3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3040	001/11490	W 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Alice Hecklen	3	11/12
BIOL 3040	001/11490	M 2:40pm - 3:55pm 1000 Fairchild Life Sciences Bldg	Alice Hecklen	3	11/12

BIOL UN3041 Cell Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of biology, normally BIOL UN2005-BIOL UN2006, or the equivalent.

Cell Biology 3041/4041 is an upper-division course that covers in depth all organelles of cells, how they make up tissues, secrete substances important for the organism, generate and adapt to their working environment in the body, move throughout development, and signal to each other. Because these topics were introduced in the Intro Course (taught by Mowshowitz and Chasin), this course or its equivalent is a pre-requisite for W3041/4041. Students for whom this course is useful include biology, biochem or biomedical engineering majors, those preparing to apply for medical school or graduate school, and those doing or planning to start doing research in a biology or biomedical lab. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3041	001/52857	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Jeannette Bulinski	3	24/70

BIOL UN3050 Project Laboratory In Protein Biochemistry. 5 points.

Prerequisites: one year of biology (UN2005- UN2006) plus one upper-level course recommended. Enrollment is not restricted as long as total is no more than 14. Seniors will be given preference in the unlikely event that restriction is necessary. Students with specific questions should e-mail the instructor (jfh21@columbia.edu).

This course provides an intensive introduction to professional biomedical laboratory research. Students conduct a portion

of an ongoing biochemical research project and write-up their results in a format suitable for publication in a peer-reviewed scientific research journal. Techniques in molecular biology and protein biochemistry are used to address a problem in mechanistic biochemistry or molecular pharmacology. Students are exposed to the full spectrum of techniques used in contemporary protein biochemistry, including molecular sequence analysis of genomic databases, molecular cloning and manipulation of recombinant DNA, protein expression in *E. coli*, protein purification, and biophysical characterization (typically including crystallization for x-ray structure determination). The course emphasizes the use of critical thinking skills in scientific research while giving students the opportunity to apply the basic knowledge learned in a wide variety of biology and chemistry lecture courses to a real research project. Examples of past projects can be found on the course website: <https://www1.columbia.edu/sec/cu/biology/courses/w3050/class/index.html> (<https://www1.columbia.edu/sec/cu/biology/courses/w3050/class/>) (cunix account required to login).

BIOL UN3052 Project Laboratory in Molecular Genetics. 5 points.

Enrollment limited to approximately 12. Fee: \$150.

Prerequisites: one year of introductory biology and the instructor's permission.

Project laboratory on the manipulation of nucleic acids in prokaryotes, including DNA isolation, restriction mapping, and transformation. The first part of the laboratory involves learning of techniques to be used subsequently in independent research projects suggested by the professor.

Fall 2019: BIOL UN3052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3052	001/52856	T Th 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Alexander Tzagoloff	5	7/12

BIOL UN3058 Project Laboratory in Microbiology. 5 points.

Lab fee: \$150.

Prerequisites: one year of Intro Bio. An introductory biology or chemistry lab is recommended.

Bacteria are not just unicellular germs. This lab course will broaden your awareness of the amazing world of microbiology and the diverse capabilities of microbes. The focus will be on bacterial multicellularity, pigment production, and intercellular signaling. Pigment-producing bacteria will be isolated from the wild (i.e. Morningside Campus or your skin), and characterized using standard genetic tools (PCR, DNA gel electrophoresis, transformation, screen) and microbiology techniques (isolation of bacteria and growth of bacterial colonies, media preparation, enrichment techniques for pigments). These techniques will also be applied in the study of bacterial multicellularity and signaling in the standard lab strain *Pseudomonas aeruginosa*. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form).

The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.

<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3073 Cellular and Molecular Immunology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *UN2005* and *UN2006*), or the instructor's permission.

This course will cover the basic concepts underlying the mechanisms of innate and adaptive immunity, as well as key experimental methods currently used in the field. To keep it real, the course will include clinical correlates in such areas as infectious diseases, autoimmune diseases, cancer immunotherapy and transplantation. Taking this course won't turn you into an immunologist, but it may make you want to become one, as was the case for several students last year. After taking the course, you should be able to read the literature intelligently in this rapidly advancing field. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL UN3073

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3073	001/52835	M W 2:40pm - 3:55pm 310 Fayerweather	Christian Schindler	3	21/80

BIOL UN3193 Stem Cell Biology and Applications. 3 points.

Prerequisites: three semesters of Biology or the instructor's permission.

The course examines current knowledge and potential medical applications of pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells), direct conversions between cell types and adult, tissue-specific stem cells (concentrating mainly on hematopoietic and gut stem cells as leading paradigms). A basic lecture format will be supplemented by presentations and discussions of research papers. Recent reviews and research papers, together with extensive instructor notes, will be used in place of a textbook. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3208 Introduction to Evolutionary Biology. 3 points.

Prerequisites: recommended preparation: an introductory course in college biology.

Introduction to principles of general evolutionary theory, both nomological and historical; causes and processes of evolution;

phylogenetic evolution; species concept and speciation; adaptation and macroevolution; concepts of phylogeny and classification.

BIOL UN3310 Virology. 3 points.

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as BIOL UN2005), or the instructor's permission.

The course will emphasize the common reactions that must be completed by all viruses for successful reproduction within a host cell and survival and spread within a host population. The molecular basis of alternative reproductive cycles, the interactions of viruses with host organisms, and how these lead to disease are presented with examples drawn from a set of representative animal and human viruses.

BIOL UN3404 Seminar on the Global Threat of Antimicrobial Resistance. 3 points.

Prerequisites: (biol un2005 and biol un2006) or (biol un2401 and biol un2402)

The goal of this seminar is to provide an in-depth analysis of the ongoing threat of antimicrobial resistance. Discussions will include the molecular mechanisms, diverse epidemiology of transmission, the consequences of antimicrobial resistance and efforts to reduce the further emergence and spread of these pathogens both in the community and in healthcare settings. In the process, you learn a fair amount of medical microbiology.

Fall 2019: BIOL UN3404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3404	001/52808	T 12:10pm - 2:00pm 800 Fairchild Life Sciences Bldg	Franklin Lowy	3	22/23

BIOL UN3500 Independent Biological Research. 2 points.

Fee: \$150. Students must register for a recitation section, *BIOL W3510*.

Fee: Lab Fee - 150

Prerequisites: Concurrent with registering for this course, a student must register with the department and provide a written invitation from a mentor; details of this procedure are available at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm>. Students must register for recitations UN3510 or consult the instructor.

Corequisites: BIOL UN3510

The course involves independent study, faculty-supervised laboratory projects in contemporary biology. Concurrent with registering for this course, a student must register with the department, provide a written invitation from a mentor and submit a research proposal; details of this procedure are available at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm> (<http://www.columbia.edu/cu/biology/courses/w3500/>). A paper summarizing results of the work is required by the last day of finals for a letter grade; no late papers will be accepted. See the course web site (above) for more details. Students can take anywhere from 2-4 points for this course.

Fall 2019: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/52845		Ron Prywes	2	61/70

Spring 2020: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/12084		Ron Prywes	2	46/100

BIOL UN3560 Evolution in the age of genomics. 4 points.

Prerequisites: Introductory Biology I and II, or the instructors permission.

This course introduces basic concepts in evolutionary biology, from speciation to natural selection. While the lectures incorporate a historical perspective, the main goal of the class is to familiarize students with topics and tools of evolutionary genetics as practiced today, in the era of genomics. Thus, the focus will be on evidence from molecular evolution and genetics and exercises will assume a basic background in genetics. Examples will be drawn from across the tree of life, but with a primary focus on humans.

Fall 2019: BIOL UN3560

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3560	001/52855	T Th 2:40pm - 3:55pm 1000 Fairchild Life Sciences Bldg	Guy Sella, Peter Andolfatto	4	5/25

BIOL UN3700 Independent Clinical Research. 2-4 points.

Prerequisites: concurrent with registering for this course, a student must register with the department, provide a written invitation from a mentor, and submit a research proposal.

BIOL 3700 will provide an opportunity for students interested in independent research work in a hospital or hospice setting. In these settings, where patients and their needs are paramount, and where IRB rules and basic medical ethics make “wet-lab biology research” inappropriate, undergraduates may well find a way nevertheless, to assist and participate in ongoing clinical research. Such students, once they have identified a mentor willing to provide support, participation, and advising, may apply to the faculty member in charge of the course for 2-4 points/semester in *BIOL W3700*. This course will closely follow procedures already in place for *BIOL 3500*, but will ask potential mentors to provide evidence that students will gain hands-on experience in a clinical setting, while participating in a hospital- or hospice-based research agenda. A paper summarizing results of the work is required by the last day of finals for a letter grade; no late papers will be accepted.

BIOL UN3799 Molecular Biology of Cancer. 3 points.

Prerequisites: three terms of biology (genetics and cell biology recommended).

Cancer is one of the most dreaded common diseases. Yet it is also one of the great intellectual challenges in biology today. How does a cell become cancerous? What are the agents that cause this to occur? How do current findings about genes, cells, and organisms ranging from yeast cells to humans inform us about cancer? How

do findings about cancer teach us new biological concepts? Over the past few years there have been great inroads into answering these questions which have led to new ways to diagnose and treat cancer. This course will discuss cancer from the point of view of basic biological research. We will cover topics in genetics, molecular and cell biology that are relevant to understanding the differences between normal and cancer cells. These will include tumor viruses, oncogenes, tumor suppressor genes, cell cycle regulation, programmed cell death and cell senescence. We will also study some current physiological concepts related to cancer including angiogenesis, tumor immunology, cancer stem cells, metastasis and new approaches to treatment that are built on recent discoveries in cancer biology. The text book for this course is "The Biology of Cancer Second Edition by Robert A Weinberg (Garland Science). Additional and complementary readings will be assigned. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL UN3799

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3799	001/16915	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Carol Prives	3	16/50

BIOL UN3995 (Section 1) Topics in Biology: Crossroads in Bioethics. 1-2 points.

Prerequisites: at least one introductory course in biology or chemistry.

This two credit multidisciplinary and interactive course will focus on contemporary issues in bioethics. Each topic will cover both the underlying science of new biotechnologies and the subsequent bioethical issues that emerge from these technologies. Classroom time will be devoted to student discussions, case presentations, and role playing. Topics include human trafficking, stem cell research, human reproductive cloning, neuroethics, genetic screening, human-animal chimeras, synthetic biology, bioterrorism, and neuroimaging.

BIOL UN3995 Topics in Biology. 1 point.

Enrollment limited to 18.

Prerequisites: Introductory Biology or equivalent.

Topics in Biology: Radiographic Anatomy and Select Pathology (Section 007 Fall semester)

Radiographic Anatomy and Selective Pathology is a survey course intended for undergraduate students. This course is not limited to science majors and would be of value to any student that may have an interest in studying the anatomy of the human body.

The course is a systematic approach to the study of the human body utilizing medical imaging. We will be studying neuro-anatomy, anatomy of the thorax, abdomen, and pelvis. Vascular and musculoskeletal imaging will be addressed as well. Modalities will include CT, MRI, PET/CT, and Ultrasound. Cross sectional imaging will be supplemented with pathology demonstrated on appropriate cross sectional imaging.

The class size will be limited to 15 students. The lecture will be offered Wednesday evenings from 6:10-7:00 pm. This will be a 1 credit course offered only during the fall semesters.

Topics in Biology: Crossroads in Bioethics (Section 001 Spring semester)

This two credit multidisciplinary and interactive course will focus on contemporary issues in bioethics and medical ethics. Each topic will cover both the underlying science of new biotechnologies and the subsequent bioethical issues that emerge from these technologies. Each topic will introduce a bioethical principle that will be explored using case studies. Students are expected to prepare for each class based on the assignment so that classroom time will be devoted to discussion, case presentations, and role playing rather than merely lectures. Topics include stem cell research, human reproductive cloning, bioterrorism, neuroethics, genetic screening, medical stem cell tourism, patents and science, forensic science and the interface of science and culture/religion.

Spring 2020: BIOL UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	001/12594	T 1:10pm - 2:25pm Room TBA	John Loike	1	40/40

BIOL GU4001 Advanced Genetic Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 25.

Prerequisites: for undergraduates: Introductory Genetics (W3031) and the instructor's permission.

This seminar course provides a detailed presentation of areas in classical and molecular genetics for advanced undergraduates and beginning graduate students. Topics include transmission genetics, gain and loss of function mutations, genetic redundancy, suppressors, enhancers, epistasis, expression patterns, using transposons, and genome analysis. The course is a mixture of lectures, student presentations, seminar discussions, and readings from the original literature.

Fall 2019: BIOL GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4001	001/52837	M 1:10pm - 4:00pm 1000 Fairchild Life Sciences Bldg	Martin Chalfie	3	12/27

BIOL GU4004 Neurobiology I: Cellular and Molecular Neurobiology. 4 points.

Discussion Section Required

Prerequisites: one year of biology; a course in physics is highly recommended.

Lecture and recitation. This is an advanced course intended for majors providing an in depth survey of the cellular and molecular aspects of nerve cell function. Topics include the cell biology and biochemistry of neurons, ionic and molecular basis of electrical signals, synaptic transmission and its modulation, function of sensory receptors. Although not required, it is intended to be followed by Neurobiology II (see below). The recitation meets once per week in smaller groups and emphasizes readings from the primary literature.

Fall 2019: BIOL GU4004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4004	001/52846	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Jian Yang	4	8/20

BIOL GU4008 The Cellular Physiology of Disease. 3 points.

Prerequisites: one 3000-level course in Cell Biology or Biochemistry or the instructor's permission.

Corequisites: BIOL GU4009

This course will present a quantitative description of the cellular physiology of excitable cells (mostly nerve and muscle). While the course will focus on examining basic mechanisms in cell physiology, there will be a thread of discussion of disease mechanisms throughout. The end of each lecture will include a discussion of the molecular mechanisms of selected diseases that relate to the topics covered in the lecture. The course will consist of two lectures per week. This course will be of interest to advanced (3000-4000 level) undergraduates that aim to pursue careers in medicine as well as those that will pursue careers in biomedical research. This course will also be of interest to graduate students desiring an introduction to the cellular physiology of nerve and muscle.

BIOL GU4009 Cellular Physiology of Diseases Laboratory. 1 point.

See department for details

BIOL GU4022 Developmental Biology. 3 points.

Prerequisites: BIOL C2005-C2006 or equivalent.

Come discover how the union of egg and sperm triggers the complex cellular interactions that specify the diverse variety of cells present in multicellular organisms. Cellular and molecular aspects of sex determination, gametogenesis, genomic imprinting, X-chromosome inactivation, telomerase as the biological clock, stem cells, cloning, the pill and cell interactions will be explored, with an emphasis on humans. Original research articles will be discussed to further examine current research in developmental biology. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop

form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4022	001/52811	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	3	5/10

BIOL GU4031 Genetics. 3 points.

Open to Biotech M.A. students and other graduate students.

Corequisites: Recommended: one term of organic chemistry. Prerequisites: BIOL UN2005 and BIOL UN2006 or the equivalent. General genetics course focused on basic principles of transmission genetics and the application of genetic approaches to the study of biological function. Principles will be illustrated using classical and contemporary examples from prokaryote and eukaryote organisms, and the experimental discoveries at their foundation will be featured. Applications will include genetic approaches to studying animal development and human diseases. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf> (<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>)

BIOL GU4034 Biotechnology. 3 points.

Prerequisites: genetics or molecular biology.

The course covers techniques currently used to explore and manipulate gene function and their applications in medicine and the environment. Part I covers key laboratory manipulations, including DNA cloning, gene characterization, association of genes with disease, and methods for studying gene regulation and activities of gene products. Part II also covers commercial applications, and includes animal cell culture, production of recombinant proteins, novel diagnostics, high throughput screening, and environmental biosensors.

Fall 2019: BIOL GU4034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4034	001/52838	M W 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Lawrence Chasin, Daniel Kalderon	3	28/50

BIOL GU4035 Seminar in Epigenetics. 3 points.

Prerequisites: Genetics (3032/4032) or Molecular Biology (3512/4512), and the instructor's permission.

This is a combined lecture/seminar course designed for advanced undergraduates and graduate students. The focus is on understanding the mechanisms underlying epigenetic phenomena:

the heritable inheritance of genetic states without change in DNA sequence. Epigenetic mechanisms play important roles during normal animal development and oncogenesis. It is an area under intensive scientific investigation and the course will focus on recent advances in understanding these phenomena. In each class, students will present and discuss in detail recent papers and background material concerning each individual topic, followed by an introductory lecture on the following week's topic. This course will emphasize critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally.

BIOL GU4041 Cell Biology. 3 points.

Prerequisites: one year of biology, normally *BIOL C2005-C2006*, or the equivalent.

Cell Biology 3041/4041 is an upper-division course that covers in depth all organelles of cells, how they make up tissues, secrete substances important for the organism, generate and adapt to their working environment in the body, move throughout development, and signal to each other. Because these topics were introduced in the Intro Course (taught by Mowshowitz and Chasin), this course or its equivalent is a pre-requisite for W3041/4041. Students for whom this course is useful include biology, biochem or biomedical engineering majors, those preparing to apply for medical school or graduate school, and those doing or planning to start doing research in a biology or biomedical lab. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOL GU4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4041	001/52858	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Jeannette Bulinski	3	6/20

BIOL GU4065 Molecular Biology of Disease. 3 points.

Enrollment limited to 30.

Prerequisites: open to advanced undergraduates with the instructor's permission. Completion of a 3000-level course in at least one of the following, with completion of two or more preferred: genetics, biochemistry, cell biology. Molecular and cellular basis of infectious diseases and inherited propensities. Mechanisms of disease examined in discussions based on current research papers. Lectures, discussions, and student presentations. Essay required in lieu of final examination.

BIOL GU4070 The Biology and Physics of Single Molecules. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: calculus, chemistry, physics, one year of biology, or the instructor's permission.

This course will examine the fundamental mechanisms underlying the behavior of biological molecules, at the single molecule level. The course will cover the methods used to track single molecules: optical tweezers, single molecule AFM, Magnetic tweezers, Optical techniques and Fluorescence energy transfer (FRET) probes. The course will cover the mechanism of action of mechanical motors, such as myosin dynein, kinesin. It will cover the action of DNA binding enzymes such as topoisomerases, helicases, etc. We will also discuss the function of large motors such as the ATP Synthase and the bacterial AAA ATPases. We will discuss the mechanical properties of DNA, RNA, and proteins. The course will consist mainly of reviewing classical experiments in each category, and developing the background physical theories to promote a deep understanding of biological mechanisms at the mesoscopic level.

BIOL GU4075 Biology at Physical Extremes. 3 points.

Prerequisites: one year each of biology and physics, or the instructor's permission.

This is a combined lecture/seminar course designed for graduate students and advanced undergraduates. The course will cover a series of cases where biological systems take advantage of physical phenomena in counter intuitive and surprising ways to accomplish their functions. In each of these cases, we will discuss different physical mechanisms at work. We will limit our discussions to simple, qualitative arguments. We will also discuss experimental methods enabling the study of these biological systems. Overall, the course will expose students to a wide range of physical concepts involved in biological processes.

Spring 2020: BIOL GU4075

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4075	001/16862	Th 2:10pm - 4:00pm 601c Fairchild Life Sciences Bldg	Ozgur Sahin	3	15/26

BIOL GU4080 The Ancient and Modern RNA Worlds. 3 points.

Prerequisites: BIOC UN3512

RNA has recently taken center stage with the discovery that RNA molecules sculpt the landscape and information contained within our genomes. Furthermore, some ancient RNA molecules combine the roles of both genotype and phenotype into a single molecule. These multi-tasking RNAs offering a possible solution to the paradox of which came first: DNA or proteins. This seminar explores the link between modern RNA, metabolism, and insights into a prebiotic RNA world that existed some 3.8 billion years ago. Topics include the origin of life, replication, and the origin of the genetic code; conventional, new, and bizarre forms of RNA processing; and structure, function and evolution of key RNA molecules, including the ribosome. The format will be weekly seminar discussions with presentations. Readings will be taken from the primary literature, emphasizing seminal and recent literature. Requirements will be student presentations, class participation, and a final paper.

BIOL GU4082 Theoretical Foundations and Applications of Biophysical Methods. 4 points.

Prerequisites: at least one year of coursework in single-variable calculus and not being freaked-out by multivariable calculus. Physics coursework through a calculus-based treatment of classical mechanics and electromagnetism. One year of general chemistry (either AP Chemistry or a college course). One year of college coursework in molecular/cellular biology and biochemistry equivalent to Biology C2005-2006 at Columbia.

Rigorous introduction to the theory underlying biophysical methods, which are illustrated by practical applications to biomedical research. Emphasizes the approach used by physical chemists to understand and analyze the behavior of molecules, while also preparing students to apply these methods in their own research. Course modules cover: (i) statistical analysis of data; (ii) solution thermodynamics; (iii) hydrodynamic methods; (iv) light-scattering methods; and (v) spectroscopic methods, especially fluorescence. Recitations focus on curve-fitting analyses of experimental data.

BIOL GU4193 Stem Cell Biology and Applications. 3 points.

Prerequisites: Three semesters of Biology or instructor permission. The course examines current knowledge and potential medical applications of pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells), direct conversions between cell types and adult, tissue-specific stem cells (concentrating mainly on hematopoietic and gut stem cells as leading paradigms). A basic lecture format will be supplemented by presentations and discussions of research papers. Recent reviews and research papers together with extensive instructor notes will be used in place of a textbook.

BIOL GU4260 Proteomics Laboratory. 3 points.

Lab Fee: \$150.

This course deals with the proteome: the expressed protein complement of a cell, organelle, matrix, tissue, organ or organism. The study of the proteome (proteomics) is broadly applicable to life sciences research, and is increasingly important in academic, government and industrial research through extension of the impact of advances in genomics. These techniques are being applied to basic research, exploratory studies of cancer and other diseases, drug discovery and many other topics. Emphasis will be on mastery of practical techniques of sample preparation, liquid chromatography/ mass spectrometry (LC/MS) with electrospray ionization. Database searching and interpretation for identification of proteins will be intensively studied, and practiced supported by background tutorials and exercises covering other techniques used in proteomics. Open to students in M.A. in Biotechnology Program (points can be counted against laboratory requirement for that program), Ph.D. and advanced undergraduate students with background in genetics or molecular biology. Students should be comfortable with basic biotechnology laboratory techniques as well as being interested in doing computational work in a Windows environment.

Fall 2019: BIOL GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4260	001/52812	F 1:00pm - 4:00pm 700 Fairchild Life Sciences Bldg	Lewis Brown	3	2/8

BIOL GU4290 Biological Microscopy. 3 points.

Prerequisites: (biol un2005 or biol un2401) or BIOL UN2005 or BIOL UN2401 or equivalent

This is an advanced microscopy course aimed at graduates and advanced undergraduate students, who are interested in learning about the foundational principles of microscopy approaches and their applications in life sciences. The course will introduce the fundamentals of optics, light-matter interaction and in-depth view of most commonly used advanced microscopy methods, explore important practical imaging parameters, and also introduce digital images and their analysis.

Spring 2020: BIOL GU4290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4290	001/11489	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Raju Tomer	3	25/30

BIOL GU4300 Drugs and Disease. 3 points.

Prerequisites: four semesters of biology with a firm foundation in molecular and cellular biology.

Introduces students to the current understanding of human diseases, novel therapeutic approaches and drug development process. Selected topics will be covered in order to give students a feeling of the field of biotechnology in health science. This course also aims to strengthen students' skills in literature comprehension and critical thinking.

Fall 2019: BIOL GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4300	001/52851	M W 2:40pm - 3:55pm 428 Pupin Laboratories	Lili Yamasaki	3	41/65

BIOL GU4305 Seminar in Biotechnology. 3 points.

Prerequisites: *BIOL W4300* or the instructor's permission. A weekly seminar and discussion course focusing on the most recent development in biotechnology. Professionals of the pharmaceutical, biotechnology, and related industries will be invited to present and lead discussions.

Spring 2020: BIOL GU4305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4305	001/16445	W 2:10pm - 4:00pm 601 Fairchild Life Sciences Bldg	Lili Yamasaki	3	35/45

BIOL GU4310 Virology. 3 points.

This lecture course will emphasize the common reactions that must be completed by all viruses for successful reproduction

within a host cell and survival and spread within a host population. The molecular basis of alternative reproductive cycles, the interactions of viruses with host organisms, and how these lead to disease are presented with examples drawn from a set of representative animal and human viruses. In addition to lectures, there will be 4 paper discussion sessions to be scheduled after classes begin.

Spring 2020: BIOL GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4310	001/11852	M W 4:10pm - 5:25pm Room TBA	Vincent Racaniello	3	92/145

BIOL GU4500 Supervised Research in Biotechnology. 2-6 points.

For students currently enrolled in M.A. Biotechnology only. Point total is based on work-load in lab which is determined by discussion with course instructor prior to registration.

Students conduct research related to biotechnology under the sponsorship of a mentor *within* the University. The student and the mentor determine the nature and extent of this independent study. In some laboratories, the student may be assigned to work with a postdoctoral fellow, graduate student or a senior member of the laboratory, who is in turn supervised by the mentor. The mentor is responsible for mentoring and evaluating the student's progress and performance. Credits received from this course may be used to fulfill the laboratory requirement for the degree. Instructor permission required. Web site: <http://www.columbia.edu/cu/biology/courses/g4500-g4503/index.html> (<http://www.columbia.edu/cu/biology/courses/g4500-g4503/>)

Fall 2019: BIOL GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4500	001/52852		Lili Yamasaki	2-6	2/100

Spring 2020: BIOL GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4500	001/16810		Lili Yamasaki	2-6	0/30

BIOL GU4501 Supervised Research in Biotechnology. 2-6 points.

For students currently enrolled in M.A. Biotechnology only. Point total is based on work-load in lab which is determined by discussion with course instructor prior to registration.

Students conduct research related to biotechnology under the sponsorship of a mentor *outside* the University within the New York City Metropolitan Area unless otherwise approved by the Program. The student and the mentor determine the nature and extent of this independent study. In some laboratories, the student may be assigned to work with a postdoctoral fellow, graduate student or a senior member of the laboratory, who is in turn supervised by the mentor. The mentor is responsible for mentoring and evaluating the student's progress and performance.

Credits received from this course may be used to fulfill the laboratory requirement for the degree. Instructor permission required. Web site: <http://www.columbia.edu/cu/biology/courses/g4500-g4503/index.html> (<http://www.columbia.edu/cu/biology/courses/g4500-g4503/>)

Fall 2019: BIOL GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4501	001/52840		Lili Yamasaki	2-6	1/100

Spring 2020: BIOL GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4501	001/16811		Lili Yamasaki	2-6	0/30

BIOL GU4510 Genomics of Gene Regulation. 4 points.

Prerequisites: one year of Biology, Chemistry, and Physics. Courses taken at CU are recommended, but AP courses may be sufficient with the instructor's permission.

This course will provide students with a quantitative understanding of the ways in which molecular interactions between nucleotides and proteins give rise to the behavior of gene regulatory networks. The key high-throughput genomics technologies for probing the cell at different levels using microarrays and next-generation sequencing will be discussed. Strategies for interpreting and integrating these data using statistics, biophysics, and genetics will be introduced. In computer exercises, student will learn the basics of the R language, and use it to perform analyses of genomics data sets. No prior computer programming experience is assumed. This highly interdisciplinary course is intended for advanced undergraduates as well as beginning graduate students in Biology, Chemistry, Physics, Engineering, and Computer Science. Offered in previous years as CHBC W4510.

BIOL GU4560 Evolution in the age of genomics. 4 points.

Prerequisites: introductory genetics or the instructor's permission. This course introduces basic concepts in evolutionary biology, from speciation to natural selection. While the lectures incorporate a historical perspective, the main goal of the class is to familiarize students with topics and tools of evolutionary genetics as practiced today, in the era of genomics. Thus, the focus will be on evidence from molecular evolution and genetics and exercises will assume a basic background in genetics. Examples will be drawn from across the tree of life, but with a primary focus on humans.

BIOL GU4600 Cell Signaling. 3 points.

Prerequisites: A strong background in molecular and cellular biology. Generally students with four or more courses are accepted.

Cell Signaling is a graduate course for Ph.D. students open to advanced undergraduate and masters students. The basic molecular mechanism of signal transduction pathways will be discussed related to cell growth and stress systems. There will be an emphasis on specific categories of signaling components. Students will read the literature and give presentations. Topics include

the pathways by which cells respond to extracellular signals such as growth factors and the mechanisms by which extracellular signals are translated into alterations in the cell cycle, morphology, differentiation state, and motility of the responding cells. For stress pathways we will discuss how cells respond to survive the stress or induce their own death. In many cases these pathways will be related to human diseases.

Fall 2019: BIOL GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4600	001/52813	Th 4:10pm - 6:00pm 327 Seeley W. Mudd Building	Ron Prywes	3	8/25

BIOL GU4799 Readings In the Molecular Biology of Cancer. 3 points.

Tracing the discovery of the role of DNA tumor viruses in cancerous transformation. Oncogenes and tumor suppressors are analyzed with respect to their function in normal cell cycle, growth control, and human cancers. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOL GU4799

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4799	001/16916	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Carol Prives	3	15/15

BIOL GU6002 Macromolecular Structure & Interactions. 4 points.

Open to PhD candidates in the biomedical and chemical sciences, and to other qualified graduate, undergraduate, and continuing education students with the instructor's permission.

This course presents a rigorous introduction to solution thermodynamics and applies it to understanding the structural and functional features of proteins. After exploring the conceptual origins of thermodynamic theory, the standard equations describing solution equilibria are derived and applied to analyzing biochemical reactions, with a focus on those involved in protein folding and allosteric communication. The semester culminates with exploration of the energetic factors controlling the formation of protein secondary structures and the role of entropy-enthalpy compensation in determining the complex temperature-dependent thermodynamic properties of aqueous solutions. The course emphasizes both qualitative understanding of the thermodynamic forces controlling the evolution and function of living organisms as well as practical application of thermodynamic methods and structural insight in laboratory research. Tutorials cover the use of curve-fitting techniques to analyze biochemical equilibria as well as the use of molecular visualization software to understand

protein structure and function. This is a half semester, 2-point course.

BIOT GU4160 Biotechnology Law. 3 points.

Priority given to Biotechnology Program students.

Prerequisites: at least 4 college-level biology or biotechnology courses.

This course will introduce students to the interrelated fields of patent law, regulatory law, and contract law that are vital to the biotech and biopharmaceutical sectors. The course will present core concepts in a way that permits students to use them throughout their corporate, academic, and government careers. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2019: BIOT GU4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4160	001/52843	W 6:10pm - 8:00pm 253 Engineering Terrace	Alan Morrison	3	27/40

BIOT GU4161 Ethics in Biopharmaceutical Patent and Regulatory Law. 3 points.

Prerequisites: BIOT GU4160 BIOTECHNOLOGY LAW (BIOT W4160)

Course Objective This course – the first of its kind at Columbia – introduces students to a vital subfield of ethics focusing on patent and regulatory law in the biotech and pharmaceutical sectors. The course combines lectures, structured debate and research to best present this fascinating and nuanced subject. Successful completion of Biotechnology Law (W4160) is a course prerequisite, since properly exploring this branch of bioethics requires an indepth understanding of biotech and pharmaceutical patent and regulatory law.

Spring 2020: BIOT GU4161

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4161	001/11246	W 6:10pm - 8:00pm Room TBA	Alan Morrison	3	4/12

BIOT GU4180 Entrepreneurship in Biotechnology. 3 points.

Enrollment limited to 12. Priority given to students in the Masters in Biotechnology Program.

Prerequisites: the instructor's permission.

The course examines the entrepreneurial process in biotechnology from idea generation through economic viability. Biotechnology companies are unique in that they need a years-to-decades long period of incubation prior to becoming self-sustaining. Students will be introduced to the steps needed to start and nurture a company, and gain an ability to assess the health of potential collaborators, partners or employers. Topics include an overview

of the global biotechnology industry, idea generation, business plan formulation, intellectual property protection, funding, personnel management including board composition, regulatory body interaction, and company exits. Course website: <http://biot4180.weebly.com/>

Spring 2020: BIOT GU4180

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4180	001/12623	F 9:00am - 11:00am Room TBA	David Sable	3	30/60

BIOT GU4200 Biopharmaceutical Development & Regulation. 3 points.

The program aims to provide current life sciences students with an understanding of what drives the regulatory strategies that surround the development decision making process, and how the regulatory professional may best contribute to the goals of product development and approval. To effect this, we will examine operational, strategic, and commercial aspects of the regulatory approval process for new drug, biologic, and biotechnology products both in the United States and worldwide. The topics are designed to provide a chronological review of the requirements needed to obtain marketing approval. Regulatory strategic, operational, and marketing considerations will be addressed throughout the course. We will examine and analyze the regulatory process as a product candidates are advanced from Research and Development, through pre-clinical and clinical testing, to marketing approval, product launch and the post-marketing phase. The goal of this course is to introduce and familiarize students with the terminology, timelines, and actual steps followed by Regulatory Affairs professionals employed in the pharmaceutical or biotechnology industry. Worked examples will be explored to illustrate complex topics and illustrate interpretation of regulations.

Fall 2019: BIOT GU4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4200	001/52815	Th 4:10pm - 6:00pm 601 Fairchild Life Sciences Bldg	Ron Guido	3	97/90

BIOT GU4201 Seminar in Biotechnology Development and Regulation. 3 points.

Prerequisites: *BIOT W4200* (OK without prerequisite).

This course will provide a practical definition of the current role of the Regulatory Professional in pharmaceutical development, approval and post-approval actions. This will be illustrated by exploration, and interactive discussion of regulatory history, its evolution, current standards, and associated processes. The course will seek to clarify the role of Regulatory in development and lifecycle opportunities, demonstrating the value Regulatory adds by participation on research, development and commercial teams. The course will utilize weekly case studies and guest lecturers to provide color to current topical events related to the areas.

Spring 2020: BIOT GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOT 4201 001/11853 Th 4:10pm - 6:00pm Ron Guido 3 50/70
700 Fairchild Life
Sciences Bldg

OF RELATED INTEREST

Biomedical Engineering

BMEN E4150 The cell as a machine

Chemistry

BIOC UN3501 Biochemistry: Structure and Metabolism

BIOC UN3512 Molecular Biology

Ecology, Evolution, and Environmental Biology

EEEB UN2001 Environmental Biology I: Elements to Organisms

EEEB GU4321 Human Nature: DNA, Race & Identity

History and Philosophy of Science

HPSC W3201 Philosophy and History of Evolutionary Biology

Physics

PHYS W4075 Biology at Physical Extremes

Psychology

PSYC UN1010 Mind, Brain and Behavior

BUSINESS

Program Manager: Cara Mandarin, 104 Uris; 212-854-0140;
MendelsonCenter@gsb.columbia.edu

<http://www8.gsb.columbia.edu/mendelson> (<http://www8.gsb.columbia.edu/mendelson/>)

The collaboration between the faculty of Arts and Sciences and Columbia Business School offers students access to the ideas and expertise of the faculty of a top-ranked professional school recognized for its excellence in graduate business education through a series of elective courses. These courses, designed by Business School faculty specifically for undergraduates, build upon the strong liberal arts education at Columbia. Students learn how finance is directly connected to the fundamental principles of economics; that marketing utilizes concepts from psychology; and how management depends upon principles developed in psychology and sociology.

Students can take advantage of the opportunity to enhance their experience by participating in co-curricular activities, such as Business School faculty lecture series, industry panels, informal mentoring/networking activities with MBA students and alumni, in addition to research opportunities with Business School faculty.

This curricular and co-curricular programming capitalizes on the Business School's ability to connect academic theory with real-world practice, providing students with the opportunity to develop key leadership skills, an entrepreneurial mindset, and the ability to innovate.

Eligibility:

- To be eligible to earn a Special Concentration in Business Management, students must apply to the program in the spring semester of their sophomore or junior years, and they must be accepted through a process governed by the Columbia Business School. Beginning with the Special Concentration cohort of 2017-2018 (i.e., students accepted via the application process of Spring 2017), the program will accept up to 45 qualified candidates each year. The size of the program may be reviewed from time to time by Columbia College and Columbia Business School and adjusted, if desired by both schools.
- For students who entered Columbia College or General Studies in, or before, Fall 2016: Students who have not been accepted into the Special Concentration program may have the option to "shadow" the Special Concentration in Business Management by taking the required courses if space is available in those courses. Students who "shadow" the program will not be given priority registration in any courses that count toward the Special Concentration. If a student is able to take all of the courses and earns a 3.0 or higher grade-point average in the prerequisite, core, and elective courses, she or he will be allowed to declare retroactively the Special Concentration and have the program noted on their transcript.
- The shadowing option is no longer available for students who entered Columbia College or General Studies in, or after, Fall 2017.

APPLICATION REQUIREMENTS

To apply for the special concentration in business management, students must meet these three requirements:

- 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, 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 Introduction to Statistical Reasoning

STAT UN1101 Introduction to Statistics

STAT UN1201 Calculus-Based Introduction to Statistics

PSYC UN1610 Introductory Statistics for Behavioral Scientists

SOCI UN3020 Social Statistics

Economics Prerequisite

ECON UN1105 Principles of Economics

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

While students may complete the special concentration requirements without applying to the program, the following benefits are available to students admitted through the application process:

1. Guaranteed enrollment in popular undergraduate business courses (must reserve in advance through program manager);
2. Access to special guest speaker presentations at the Business School, including business leader or faculty presentations exclusively for admitted students;
3. Formal and informal networking opportunities with Business School students, faculty, and alumni.

CURRENT FACULTY

AFFILIATED FACULTY

GUIDELINES FOR ALL BUSINESS MANAGEMENT SPECIAL CONCENTRATORS

The business management special concentration is not a stand-alone concentration: it is intended to complement the disciplinary specialization and methodological training inherent in a major. In addition to the special concentration requirements, students must complete a major or a full concentration.

Students who matriculated at Columbia in Fall 2012 and beyond must earn a minimum GPA of 3.0 in prerequisite, core, and elective courses. Students who matriculated before Fall 2012 must either adhere to the above requirement or previous requirement of B+ or better in at least two of the prerequisites and a minimum GPA of 3.0 in core and elective classes.

Students who do not meet course prerequisites or who do not receive a passing grade do not receive credit for that course towards the special concentration. All courses must be taken for a letter grade. Only prerequisites may be double counted for other majors or concentrations. The core classes **cannot** be double counted. Electives may be double counted if a student's major allows double counting.

For information about this special concentration, including the application process, visit <http://www8.gsb.columbia.edu/mendelson> (<http://www8.gsb.columbia.edu/mendelson/>).

SPECIAL CONCENTRATION IN BUSINESS MANAGEMENT

Please read *Guidelines for all Business Management Special Concentrators* above.

The requirements for the special concentration in business management are as follows:

Prerequisites

Select one of the following Statistics courses:

STAT UN1001	Introduction to Statistical Reasoning
STAT UN1101	Introduction to Statistics
STAT UN1201	Calculus-Based Introduction to Statistics
PSYC UN1610	Introductory Statistics for Behavioral Scientists
SOCI UN3020	Social Statistics

Select the following Economics course:

ECON UN1105	Principles of Economics
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Select one of the following Psychology/Sociology courses:

PSYC UN1001	The Science of Psychology
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	The Social World

Core

Select one of the following Financial Core courses:

ECON GU4280	Corporate Finance
BUSI UN3013	Financial Accounting

Select two of the following Managerial Core courses:

BUSI UN3701	Strategy Formulation
BUSI UN3021	Marketing Management
BUSI UN3703	Leadership in Organizations

Electives

Select two of the following courses:

BUSI UN3702	Venturing to Change the World
BUSI UN3704	Making History Through Venturing
ECON UN3025	Financial Economics
ECON UN3265	The Economics of Money and Banking
PSYC UN2235	Thinking and Decision Making
PSYC UN2630	Social Psychology
PSYC UN2640	Introduction to Social Cognition
SOCI UN2240	Economy and Society
SOCI UN3490	Mistake, Misconduct, Disaster
SOCI W3670	Culture, Markets, and Consumption
SOCI S3675Q	Organizing Innovation
SOCI G4032	Sociology of Labor Markets

POLS V3615	Globalization and International Politics
PSYC BC1136	Social Psychology
PSYC BC1138	Social Psychology
PSYC BC2151	Organizational Psychology

NOTE: Students may not receive credit for two or more of PSYC BC1136 Social Psychology, *PSYC BC1138 Social Psychology*, and PSYC UN2630 Social Psychology.

BUSI UN3013 Financial Accounting. 3 points.

Enables students to become informed users of financial information by understanding the language of accounting and financial reporting. Focuses on the three major financial statements that companies prepare for use of management and external parties—the balance sheet, the income statement, and the statement of cash flows. Examines the underlying concepts that go into the preparation of these financial statements as well as specific accounting rules that apply when preparing financial statements. Also looks at approaches to analyze the financial strength and operations of an entity. Uses actual financial statements to understand how financial information is presented and to apply analysis techniques.

Fall 2019: BUSI UN3013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/10646	Th 4:10pm - 5:25pm 142 Uris Hall	Mingcherng Deng	3	65/60
BUSI 3013	001/10646	T 4:10pm - 5:30pm 142 Uris Hall	Mingcherng Deng	3	65/60
BUSI 3013	001/10646	T 4:10pm - 5:30pm 301 Uris Hall	Mingcherng Deng	3	65/60

Spring 2020: BUSI UN3013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/11514	M W 11:40am - 12:55pm Room TBA	Terrance Gabriel, Urooj Khan, Cara Mandarino	3	66/60

BUSI UN3021 Marketing Management. 3 points.

Designed to provide students with an understanding of the fundamental marketing concepts and their application by business and non-business organizations. The goal is to expose students to these concepts as they are used in a wide variety of settings, including consumer goods firms, manufacturing and service industries, and small and large businesses. The course gives an overview of marketing strategy issues, elements of a market (company, customers, and competition), as well as the fundamental elements of the marketing mix (product, price, placement/distribution, and promotion).

Fall 2019: BUSI UN3021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/10647	T 10:10am - 12:55pm 301 Uris Hall	Ran Kivetz	3	62/60

Spring 2020: BUSI UN3021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/11513	T Th 2:40pm - 3:55pm Room TBA	Michelle Greenwald, Cara Mandarino	3	66/60

BUSI UN3701 Strategy Formulation. 3 points.

Provides an introduction to strategic management with two broad goals: to understand why some companies are financially much more successful than others; and to analyze how managers can devise a set of actions ("the strategy") and design processes that allow their company to obtain a financial advantage. Allows students to gain a better understanding of strategic issues and begin to master the analytic tools the strategists use, by studying the strategic decisions of companies in many different industries and countries, ranging from U.S. technology firms to a Swiss bank and a Chinese white-goods manufacturer. Topics include what companies can do to outperform their rivals; analysis of the competitive moves of rival firms relying heavily on game-theoretic concepts; and when it makes sense for companies to diversify and globalize their business.

Spring 2020: BUSI UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3701	001/11515	Th 10:10am - 12:55pm Room TBA	Stephan Meier, Cara Mandarino	3	66/60

BUSI UN3702 Venturing to Change the World. 3 points.

How do founders and their new ventures change the world? Changes in technology and society are increasing the power of small teams to impact everything. Startups, large corporations, social groups and governments are increasingly focused on the power of innovation to solve the world's hardest problems. The ideas and patterns driving this recent form of change-making build on frameworks defining the development of modern civilizations since the Renaissance.

Venturing to Change the World introduces the intellectual foundations and practical aspects of founding a new venture. We explore the entrepreneurial mindset, team formation, idea selection, how ideas become products with markets, and the key steps in building a venture. Our scope is commercial as well as social ventures, and the course is appropriate not only for prospective founders but anyone who will operate in a society increasingly animated by entrepreneurial activity.

Fall 2019: BUSI UN3702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3702	001/10648	F 10:10am - 12:55pm 141 Uris Hall	Geraldine Wu, Jenny Fielding	3	61/60

BUSI UN3703 Leadership in Organizations. 3 points.

Initially, the emphasis is on understanding the challenges confronting leaders and developing skills to effectively deal with these obstacles. Beyond intelligence and technical know-how, what

separates effective leaders from other team members is a set of social skills (e.g. impression management, self-awareness). This course identifies these critical leadership skills and provides ideas and tools for improving them. Then, the course considers how social intelligence skills fit the needs of managers at different stages of their careers. In early stages, managers need to achieve a good person-job fit, find mentors, and build an effective social network. At the mid-career stage, managers need to lead an effective unit with increasing complexity and responsibilities. Finally, the course examines challenges managers face at later career stages as they become partners, CFOs, CEOs, etc.

Fall 2019: BUSI UN3703

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3703	001/10649	Th 9:00am - 11:55am 301 Uris Hall	Rachel McDonald	3	57/60

BUSI UN3704 Making History Through Venturing. 3 points.

Prerequisites: BUSI UN3702 BUSI UN3702 or equivalent
This course is about making history. Advanced topics in creating successful organizations. In the age of accelerating change, innovation is moving from an accidental, artisanal process to a large-scale societal machinery. Building on Venturing to Change the World's overview, this course delves into the philosophy, economics, history, sociology, engineering, finance and management topics that animate powerful commercial and social ventures. Technology trends: Deep consideration of two major forces in technology for the next decade (synthetic biology, artificial intelligence). Management strategies for building and leading, as well as personal productivity and conduct. Accessing and managing financial markets and resources. Product creation: Conceptualizing and delivering innovation and products through design and engineering teams. Finance and fundraising: Designing the business model, understanding the economics, and the social science of the financing markets. Keywords: science, technology, innovation, management, finance, fundraising, operations research, organizational behavior, ethics, social impact, leadership, philosophy.

ECON GU4280 Corporate Finance. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: <http://econ.columbia.edu/registration-information> (<http://econ.columbia.edu/registration-information/>).

Fall 2019: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/47406	M W 11:40am - 12:55pm 5ab Kraft Center	Olivier Darmouni	3	65/75
ECON 4280	002/47407	T Th 4:10pm - 5:25pm	Tri Vi Dang	3	81/86

602 Hamilton Hall

Spring 2020: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/13688	M W 10:10am - 11:25am Room TBA	Wei Jiang	3	9/70
ECON 4280	002/13689	T Th 4:10pm - 5:25pm Room TBA	Tri Vi Dang	3	0/80

CHEMISTRY

Undergraduate Office: 340 Havemeyer; 212-854-2163

Departmental Office: 344 Havemeyer; 212-854-2202
<http://www.columbia.edu/cu/chemistry/>

Director of Undergraduate Studies: Prof. Karen Phillips, 422 Havemeyer; 212-851-7534; kep12@columbia.edu (kep12@chem.columbia.edu)

Program Manager for Undergraduate Studies: Dr. Vesna Gasperov, 211A Havemeyer; 212-854-2017; vg2231@columbia.edu

Biochemistry Advisers:

Biology: Prof. Brent Stockwell, 1208 Northwest Corner Building; 212-854-2919; stockwell@biology.columbia.edu

Chemistry, the study of molecules, is a central science interesting for its own sake but also necessary as an intellectual link to the other sciences of biology, physics, and environmental science. Faculty find the various disciplines of chemistry fascinating because they establish intellectual bridges between the macroscopic or human-scale world that we see, smell, and touch, and the microscopic world that affects every aspect of our lives. The study of chemistry begins on the microscopic scale and extends to engage a variety of different macroscopic contexts.

Chemistry is currently making its largest impact on society at the nexus between chemistry and biology and the nexus between chemistry and engineering, particularly where new materials are being developed. A typical chemistry laboratory now has more computers than test tubes and no longer smells of rotten eggs.

The chemistry department majors are designed to help students focus on these new developments and to understand the factors influencing the nature of the discipline. Because the science is constantly changing, courses change as well, and while organic and physical chemistry remain the bedrock courses, they too differ greatly from the same courses 40 years ago. Many consider biochemistry to be a foundation course as well. Although different paths within the chemistry major take different trajectories, there is a core that provides the essential foundation students need regardless of the path they choose. Students should consider majoring in chemistry if they share or can develop a fascination with the explanatory power that comes with an advanced

understanding of the nature and influence of the microscopic world of molecules.

Students who choose to major in chemistry may elect to continue graduate study in this field and obtain a Ph.D. which is a solid basis for a career in research, either in the industry or in a university. A major in chemistry also provides students with an astonishing range of career choices such as working in the chemical or pharmaceutical industries or in many other businesses where a technical background is highly desirable. Other options include becoming a financial analyst for a technical company, a science writer, a high school chemistry teacher, a patent attorney, an environmental consultant, or a hospital laboratory manager, among others. The choices are both numerous and various as well as intellectually exciting and personally fulfilling.

ADVANCED PLACEMENT

The department grants advanced placement (AP) credit for a score of 4 or 5 or the equivalent. The amount of credit granted is based on the results of the department placement exam and completion of the requisite course. Students who are placed into CHEM UN1604 Intensive General Chemistry (Lecture) are granted 3 points of credit; students who are placed into CHEM UN2045 Intensive Organic Chemistry I (Lecture)-CHEM UN2046 Intensive Organic Chemistry II (Lecture) are granted 6 points of credit. In either case, credit is granted only upon completion of the course with a grade of C or better. Students must complete a department placement exam prior to registering for either of these courses.

PROGRAMS OF STUDY

The Department of Chemistry offers four distinct academic major programs for undergraduates interested in professional-level training and education in the chemical sciences: chemistry, chemical physics, biochemistry and environmental chemistry. For students interested in a program of less extensive study and coursework, the department offers a concentration in chemistry.

COURSE INFORMATION

The results of the placement exam are used to advise students which track to pursue. The Department of Chemistry offers three different tracks. Students who wish to take Track 2 or 3 classes must take the placement exam. Students who wish to pursue Track 1 classes do not need to take the placement exam.

TRACK INFORMATION

In the first year, Track 1 students with one year of high school chemistry take a one-year course in general chemistry, and the one-term laboratory course that accompanies it. In the second year, students study organic chemistry, and take organic chemistry laboratory.

Students who qualify by prior examination during orientation week can place into the advanced tracks. There are two options. Track 2 students take, in the fall term, a special one-term intensive course in general chemistry in place of the one-year course. In the

second year, students study organic chemistry and take organic chemistry laboratory. Track 3 students take a one-year course in organic chemistry for first-year students and the one-term intensive general chemistry laboratory course. In the second year, students enroll in physical chemistry and the organic chemistry laboratory course.

Additional information on the tracks can be found in the *Requirements* section.

ADDITIONAL COURSES

First-year students may also elect to take CHEM 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 UN3501, BIOC UN3512) 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 to meet individual needs and interests.

Track 1

First Year

CHEM UN1403	General Chemistry I (Lecture)
CHEM UN1404	General Chemistry II (Lecture)
CHEM UN1500	General Chemistry Laboratory
CHEM UN2408	First-Year Seminar in Chemical Research

Calculus and physics as required.

Second Year

CHEM UN2443	Organic Chemistry I (Lecture)
CHEM UN2444	Organic Chemistry II (Lecture)
CHEM UN2493	Organic Chemistry Laboratory I (Techniques)
CHEM UN2494	Organic Chemistry Laboratory II (Synthesis)

Calculus and physics as required.

Third Year

CHEM UN3079	Physical Chemistry I
CHEM UN3080	Physical Chemistry II
BIOC UN3501	Biochemistry: Structure and Metabolism

CHEM UN3546 Advanced Organic Chemistry Laboratory
 CHEM UN3098 Supervised Independent Research
Fourth Year
 CHEM UN3085 Physical and Analytical Chemistry Laboratory I
 CHEM UN3086 Physical and Analytical Chemistry Laboratory II
 CHEM UN3920 Senior Seminar in Chemical Research
 CHEM GU4071 Inorganic Chemistry
 Advanced courses (4000-level or higher)

Track 2

First Year

CHEM UN1507 Intensive General Chemistry Laboratory
 CHEM UN1604 Intensive General Chemistry (Lecture)
 CHEM UN2408 First-Year Seminar in Chemical Research

Calculus and physics as required.

Second Year

CHEM UN2443 Organic Chemistry I (Lecture)
 CHEM UN2444 Organic Chemistry II (Lecture)
 CHEM UN2493 Organic Chemistry Laboratory I (Techniques)
 CHEM UN2494 Organic Chemistry Laboratory II (Synthesis)

Calculus and physics as required.

Third Year

CHEM UN3079 Physical Chemistry I
 CHEM UN3080 Physical Chemistry II
 BIOC UN3501 Biochemistry: Structure and Metabolism
 CHEM UN3546 Advanced Organic Chemistry Laboratory
 CHEM UN3098 Supervised Independent Research

Fourth Year

CHEM UN3085 Physical and Analytical Chemistry Laboratory I
 CHEM UN3086 Physical and Analytical Chemistry Laboratory II
 CHEM UN3920 Senior Seminar in Chemical Research
 CHEM GU4071 Inorganic Chemistry
 Advanced courses (4000-level or higher)

Track 3

First Year

CHEM UN1507 Intensive General Chemistry Laboratory

CHEM UN2045 Intensive Organic Chemistry I (Lecture)
 CHEM UN2046 Intensive Organic Chemistry II (Lecture)
 CHEM UN2408 First-Year Seminar in Chemical Research

Calculus and Physics as required.

Second Year

CHEM UN3079 Physical Chemistry I
 CHEM UN3080 Physical Chemistry II
 CHEM UN2545 Intensive Organic Chemistry Laboratory
 CHEM UN3546 Advanced Organic Chemistry Laboratory

Calculus and physics as required.

Third Year

BIOC UN3501 Biochemistry: Structure and Metabolism
 CHEM UN3085 Physical and Analytical Chemistry Laboratory I
 CHEM UN3086 Physical and Analytical Chemistry Laboratory II
 CHEM UN3098 Supervised Independent Research
 CHEM GU4071 Inorganic Chemistry

Fourth Year

CHEM UN3920 Senior Seminar in Chemical Research
 Advanced courses (4000-level or higher)

PROFESSORS

Bruce J. Berne
 Louis Brus
 Virginia W. Cornish
 Kenneth B. Eisenthal
 Richard A. Friesner
 Ruben Gonzalez
 Laura Kaufman
 James L. Leighton
 Ann E. McDermott
 Wei Min
 Jack R. Norton
 Colin Nuckolls
 Gerard Parkin
 David R. Reichman
 Tomislav Rovis
 Dalibor Sames
 Brent Stockwell
 James J. Valentini
 Latha Venkataraman
 Xiaoyang Zhu

ASSOCIATE PROFESSORS

Angelo Cacciuto
Luis Campos
Jonathan Owen

ASSISTANT PROFESSORS

Timothy Berkelbach
Xavier Roy
Neel Shah

SENIOR LECTURER

Luis Avila

Fay Ng

Karen Phillips

LECTURERS

Robert Beer
John Decatur
Charles E. Doubleday
Sarah Hansen
Ruben Savizky
Talha Siddiqui

ASSOCIATES

Anna Ghurbanyan
Joseph Ulichny

GUIDELINES FOR ALL CHEMISTRY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Students majoring in chemistry or in one of the interdepartmental majors in chemistry should go to the director of undergraduate studies or the undergraduate program manager in the Department of Chemistry to discuss their program of study. Chemistry majors and interdepartmental majors usually postpone part of the Core Curriculum beyond the sophomore year.

Chemistry Tracks

All students who wish to start with Track 2 or 3 courses must take a placement exam. The results of the placement exam are used to advise students which track to pursue. Unless otherwise specified below, all students must complete one of the following tracks:

Track 1

CHEM UN1403	General Chemistry I (Lecture)
CHEM UN1404	General Chemistry II (Lecture)
CHEM UN1500	General Chemistry Laboratory
CHEM UN2443	Organic Chemistry I (Lecture)
CHEM UN2444	Organic Chemistry II (Lecture)
CHEM UN2493	Organic Chemistry Laboratory I (Techniques)

CHEM UN2494	Organic Chemistry Laboratory II (Synthesis)
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Track 2

CHEM UN1500 or CHEM UN1507	General Chemistry Laboratory Intensive General Chemistry Laboratory
CHEM UN1604	Intensive General Chemistry (Lecture)
CHEM UN2443	Organic Chemistry I (Lecture)
CHEM UN2444	Organic Chemistry II (Lecture)
CHEM UN2493	Organic Chemistry Laboratory I (Techniques)
CHEM UN2494	Organic Chemistry Laboratory II (Synthesis)

Track 3

CHEM UN1507	Intensive General Chemistry Laboratory
CHEM UN2045	Intensive Organic Chemistry I (Lecture)
CHEM UN2046	Intensive Organic Chemistry II (Lecture)
CHEM UN2545	Intensive Organic Chemistry Laboratory

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	Introduction To Mechanics and Thermodynamics
PHYS UN1402	Introduction To Electricity, Magnetism, and Optics
PHYS UN1403	Introduction to Classical and Quantum Waves

For chemistry majors, the following laboratory courses are recommended, NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN1494	Introduction to Experimental Physics
PHYS UN2699	Experiments in Classical and Modern Physics
PHYS UN3081	Intermediate Laboratory Work

Sequence B

PHYS UN1601	Physics, I: Mechanics and Relativity
PHYS UN1602	Physics, II: Thermodynamics, Electricity, and Magnetism
PHYS UN2601	Physics, III: Classical and Quantum Waves
or PHYS UN3081	Intermediate Laboratory Work

For chemistry majors, the following laboratory courses are recommended NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN2699	Experiments in Classical and Modern Physics
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Sequence C

For students with advanced preparation in physics and mathematics:

PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

For chemistry majors, the following laboratory courses are recommended NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN2699	Experiments in Classical and Modern Physics
or PHYS UN3081	Intermediate Laboratory Work

MAJOR IN CHEMISTRY

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN2408	First-Year Seminar in Chemical Research (Recommended NOT required)
CHEM UN3079	Physical Chemistry I
CHEM UN3080	Physical Chemistry II
CHEM UN3085	Physical and Analytical Chemistry Laboratory I
CHEM UN3086	Physical and Analytical Chemistry Laboratory II
CHEM UN3546	Advanced Organic Chemistry Laboratory
CHEM UN3920	Senior Seminar in Chemical Research
CHEM GU4071	Inorganic Chemistry

Select one course from the following:

CHEM UN3098	Supervised Independent Research
OR Chemistry courses numbered CHEM GU4000 or above	

Physics

Select one of the physics sequences outlined above in the Guidelines section.

Mathematics

Select one of the following sequences:

Four semesters of calculus:	
MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV
Two semesters of honors mathematics:	

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

MATH 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	First-Year Seminar in Chemical Research (Recommended NOT required)
CHEM UN3079	Physical Chemistry I
CHEM UN3080	Physical Chemistry II

Biology

BIOL UN1908	First-Year Seminar in Modern Biology (Recommended NOT required)
BIOL UN2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
BIOL UN2006	Introductory Biology II: Cell Biology, Development & Physiology
BIOC UN3501	Biochemistry: Structure and Metabolism
BIOC UN3512	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	Introduction To Mechanics and Thermodynamics
- PHYS UN1402	and Introduction To Electricity, Magnetism, and Optics
- PHYS UN1403	and Introduction to Classical and Quantum Waves (PHYS UN1403 is recommended NOT required)
Sequence C:	
PHYS UN1601	Physics, I: Mechanics and Relativity
- PHYS UN1602	and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS UN2601	and Physics, III: Classical and Quantum Waves (PHYS UN2601 is recommended but not required)
Sequence D:	
PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Mathematics

Select one of the following sequences:

Two semesters of calculus:

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV

Two semesters of honors mathematics:

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

AP credit and one term of calculus (Calculus II or higher)

Additional Courses

Select two of the following upper level laboratory courses (one should be a Biology lab):

BIOL UN3040	Lab in Molecular Biology and Contemporary Biology Laboratory
- BIOL UN2501	
BIOL UN3050	Project Laboratory In Protein Biochemistry
BIOL UN3052	Project Laboratory in Molecular Genetics
BIOL UN3500	Independent Biological Research
CHEM UN3085	Physical and Analytical Chemistry Laboratory I
CHEM UN3086	Physical and Analytical Chemistry Laboratory II
CHEM UN3098	Supervised Independent Research
CHEM UN3546	Advanced Organic Chemistry Laboratory

Select any three courses from the following:

CHEM GU4071	Inorganic Chemistry
CHEM GU4102	Chemistry for the Brain
CHEM GU4147	Advanced Organic Chemistry
BIOC GU4323	Biophysical Chemistry I
BIOC GU4324	Biophysical Chemistry II
MATH UN3027	Ordinary Differential Equations
or MATH UN2030	Ordinary Differential Equations

One additional semester of calculus

One additional semester of honors math:

MATH UN1207	Honors Mathematics A
or MATH UN1208	Honors Mathematics B

Any biology course at the 3000/4000 level for 3 or more points. The following are recommended:

BIOL UN3004	Neurobiology I: Cellular and Molecular Neurobiology
or BIOL UN3005	Neurobiology II: Development & Systems
BIOL UN3008	The Cellular Physiology of Disease
BIOL UN3022	Developmental Biology
BIOL UN3034	Biotechnology
BIOL UN3041	Cell Biology
BIOL UN3073	Cellular and 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
CHEM UN3080	Physical Chemistry II
CHEM UN3085	Physical and Analytical Chemistry Laboratory I
CHEM UN3086	Physical and Analytical Chemistry Laboratory II
CHEM UN3098	Supervised Independent Research
CHEM UN3920	Senior Seminar in Chemical Research
CHEM GU4221	Quantum Chemistry
or PHYS GU4021	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 and Magnetism
PHYS UN3008	Electromagnetic Waves and Optics

Mathematics

Select one of the following sequences:

Four semesters of calculus:

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV

Two semesters of honors mathematics:

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B
- MATH UN3027	and Ordinary Differential Equations

Two semesters of advanced calculus:

MATH UN1202	Calculus IV
- MATH UN3027	and Ordinary Differential Equations

MAJOR IN ENVIRONMENTAL CHEMISTRY

The requirements for this program were modified on February 1, 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above. A second semester of Organic Chemistry lecture is recommended NOT required.

CHEM UN3079 Physical Chemistry I

CHEM GU4071 Inorganic Chemistry

The following courses are recommended NOT required:

CHEM UN2408 First-Year Seminar in Chemical Research

CHEM UN3920 Senior Seminar in Chemical Research

Earth and Environmental Science

Select two of the following three courses:

EESC UN2100 Earth's Environmental Systems: The Climate System

EESC UN2200 Earth's Environmental Systems: The Solid Earth System

EESC UN2300 Earth's Environmental Systems: The Life System

Additional course required:

EESC UN3101 Geochemistry for a Habitable Planet

Select one of the following labs:

EESC BC3016 Environmental Measurements

CHEM UN3085 Physical and Analytical Chemistry Laboratory I

Select one option for Independent Research in Environmental Chemistry:

EESC BC3800 Senior Research Seminar
- EESC BC3801 and Senior Research Seminar

CHEM UN3098 Supervised Independent Research
(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 Introduction To Mechanics and Thermodynamics
- PHYS UN1402 and Introduction To Electricity, Magnetism, and Optics
- PHYS UN1403 and Introduction to Classical and Quantum Waves (Recommended NOT required)

Sequence C:

PHYS UN1601 Physics, I: Mechanics and Relativity
- PHYS UN1602 and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS UN2601 and Physics, III: Classical and Quantum Waves (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

CHEM GU4103 Organometallic Chemistry

CHEM GU4147 Advanced Organic Chemistry

Earth and Environmental Science:

EESC BC3017 Environmental Data Analysis

EESC BC3025 Hydrology

EESC GU4008 Introduction to Atmospheric Science

EESC GU4009 Chemical Geology

EESC GU4040 Climate Thermodynamics and Energy Transfer

EESC GU4050 Global Assessment and Monitoring Using Remote Sensing

EESC GU4600 Earth Resources and Sustainable Development

EESC GU4835 Wetlands and Climate Change

EESC GU4885 The Chemistry of Continental Waters

EESC GU4888 Stable Isotope Geochemistry

EESC GU4924 Introduction to Atmospheric Chemistry

EESC GU4925 Principles of Physical Oceanography

EESC GU4926 Principles of Chemical Oceanography

Earth and Environmental Engineering:

EAEE E4001 Industrial ecology of earth resources

EAEE E4003 Aquatic chemistry

Mathematics:

One additional semester of calculus

CONCENTRATION IN CHEMISTRY

No more than four points of CHEM UN3098 Supervised Independent Research may be counted toward the concentration.

Select one of the three chemistry tracks listed below.

PHYS UN1201 General Physics I
- PHYS UN1202 and General Physics II

Two semesters of calculus

Chemistry Tracks

Track 1

CHEM UN1403 General Chemistry I (Lecture)

CHEM UN1404 General Chemistry II (Lecture)

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 Intensive General Chemistry Laboratory

CHEM UN1604 Intensive General Chemistry (Lecture)

Select 22 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

Track 3

CHEM UN1507 Intensive General Chemistry Laboratory

CHEM UN2045 Intensive Organic Chemistry I (Lecture)

CHEM UN2046 Intensive Organic Chemistry II (Lecture)

Select 18 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

FALL 2019

CHEM UN1403 General Chemistry I (Lecture). 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Corequisites: MATH UN1101

Preparation equivalent to one year of high school chemistry is assumed. Students lacking such preparation should plan independent study of chemistry over the summer or take CHEM UN0001 before taking CHEM UN1403. Topics include stoichiometry, states of matter, nuclear properties, electronic structures of atoms, periodic properties, chemical bonding, molecular geometry, introduction to quantum mechanics and atomic theory, introduction to organic and biological chemistry, solid state and materials science, polymer science and macromolecular structures and coordination chemistry. Although CHEM UN1403 and CHEM UN1404 are separate courses, students are expected to take both terms sequentially. The order of presentation of topics may differ from the order presented here, and from year to year. Students must ensure they register for the recitation that corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2019: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHEM 1403	001/99403	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	4	282/300
CHEM 1403	002/48018	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	200/200
CHEM 1403	003/48019	M W 6:10pm - 7:25pm 304 Barnard Hall	Robert Beer	4	179/200

Spring 2020: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11594	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	71/132

CHEM UN1500 General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab Fee: \$140.

Corequisites: CHEM UN1403, CHEM UN1404

An introduction to basic lab techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (*CHEM UN1501*). Please check the Directory of Classes for details. Please note that *CHEM UN1500* is offered in the fall and spring semesters. Mandatory lab check-in will be held during the first week of classes in both the fall and spring semesters.

Fall 2019: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/99399	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	10/46
CHEM 1500	002/99398	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	003/99397	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	004/99396	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	9/46

Spring 2020: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11597	M 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24
CHEM 1500	002/11598	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	003/11625	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	004/11626	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny,	3	46/46

CHEM 1500	005/11627	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen Joseph Ulichny, Sarah Hansen	3	39/46
CHEM 1500	006/11628	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Sarah Hansen Joseph Ulichny, Sarah Hansen	3	45/46
CHEM 1500	007/11629	F 8:40am - 12:25pm 302 Havemeyer Hall	Sarah Hansen Joseph Ulichny, Sarah Hansen	3	24/46
CHEM 1500	008/11630	F 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen Joseph Ulichny, Sarah Hansen	3	23/24

CHEM UN1507 Intensive General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Prerequisites: CHEM UN1604 or CHEM UN2045

Corequisites: CHEM UN2045

A student-centered experimental course intended for students who are taking or have completed CHEM UN1604 (Second Semester General Chemistry Intensive Lecture offered in Fall), CHEM UN2045 (Intensive Organic Chemistry offered in Fall), or CHEM UN2046 (Intensive Organic Chemistry Lecture offered in Spring). The course will provide an introduction to theory and practice of modern experimental chemistry in a contextual, student-centered collaborative learning environment. This course differs from CHEM UN1500 in its pedagogy and its emphasis on instrumentation and methods. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details. Please note that CHEM UN1507 is offered in the fall and spring semesters.

Fall 2019: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/99352	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	14/18
CHEM 1507	002/99351	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	9/18

Spring 2020: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11633	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	13/18
CHEM 1507	002/11634	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	7/18

CHEM UN1604 Intensive General Chemistry (Lecture). 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Acceptable performance on the Department placement exam during orientation week AND either a grade of "B" or better in CHEM UN1403 or AP chemistry or the equivalent.

Corequisites: MATH UN1102

Topics include chemical kinetics, thermodynamics and chemical bonding. Students must register simultaneously for a corresponding recitation section. Please check Courseworks or contact the instructor or departmental adviser for additional details.

Fall 2019: CHEM UN1604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1604	001/99395	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Wei Min	4	67/120

CHEM UN2045 Intensive Organic Chemistry I (Lecture). 4 points.

Prerequisites: A grade of 5 on the Chemistry Advanced Placement exam and an acceptable grade on the Department placement exam or an acceptable grade in CHEM UN1604.

Corequisites: CHEM UN1507

Premedical students may take *CHEM UN2045*, *CHEM UN2046*, *CHEM UN1507* and *CHEM UN2545* to meet the minimum requirements for admission to medical school. This course covers the same material as *CHEM UN2443-CHEM UN2444*, but is intended for students who have learned the principles of general chemistry in high school OR have completed *CHEM UN1604* in their first year at Columbia. First year students enrolled in *CHEM UN2045-CHEM UN2046* are expected to enroll concurrently in *CHEM UN1507*. Although *CHEM UN2045* and *CHEM UN2046* are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course.

Fall 2019: CHEM UN2045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2045	001/99427	T Th 11:40am - 12:55pm 401 Chandler	James Leighton	4	23/60

CHEM UN2443 Organic Chemistry I (Lecture). 4 points.

Prerequisites: (CHEM UN1403 and CHEM UN1404) or CHEM UN1604

The principles of organic chemistry. The structure and reactivity of organic molecules are examined from the standpoint of modern theories of chemistry. Topics include stereochemistry, reactions of organic molecules, mechanisms of organic reactions, syntheses and degradations of organic molecules, and spectroscopic techniques of structure determination. Although CHEM UN2443 and CHEM UN2444 are separate courses, students are expected to take both terms sequentially. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2019: CHEM UN2443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2443	001/48005	M W 11:40am - 12:55pm	Karen Phillips	4	149/190

		309 Havemeyer Hall			
CHEM 2443	002/48006	M W 1:10pm - 2:25pm	Talha Siddiqui	4	75/190
		309 Havemeyer Hall			
CHEM 2443	003/48007	M W 6:10pm - 7:25pm	Charles Doubleday	4	112/120
		309 Havemeyer Hall			

CHEM UN2493 Organic Chemistry Laboratory I (Techniques). 0 points.

Lab Fee: \$63.00

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) and (CHEM UN1500 or CHEM UN1507)

Corequisites: CHEM UN2443

Techniques of experimental organic chemistry, with emphasis on understanding fundamental principles underlying the experiments in methodology of solving laboratory problems involving organic molecules. Attendance at the first lab lecture and laboratory session is mandatory. Please note that CHEM UN2493 is the first part of a full year organic chemistry laboratory course. Students must register for the lab lecture section (CHEM UN2495) which corresponds to their lab section. Students must attend ONE lab lecture and ONE lab section every other week. Please contact your advisers for further information.

Fall 2019: CHEM UN2493

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2493	001/99417	M 1:10pm - 5:00pm 202 Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	15/24
CHEM 2493	002/99416	T 1:10pm - 5:00pm 202 Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	16/24
CHEM 2493	003/99415	T 6:10pm - 10:00pm 202 Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	30/34
CHEM 2493	004/99414	W 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	31/34
CHEM 2493	005/99413	Th 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	28/34
CHEM 2493	006/99412	F 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	31/34
CHEM 2493	007/99411	M 1:10pm - 5:00pm 202a Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	12/24
CHEM 2493	008/99410	T 1:10pm - 5:00pm 202a Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	20/24
CHEM 2493	009/99409	T 6:10pm - 10:00pm 202a Havemeyer Hall	Raymundo Pantoja, Talha Siddiqui	0	30/34
CHEM 2493	010/99408	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	23/34
CHEM 2493	011/99407	Th 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	30/34

CHEM 2493	012/99406	F 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	22/34
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CHEM UN2545 Intensive Organic Chemistry Laboratory. 3 points.

Lab Fee: \$125.

Prerequisites: (CHEM UN2045 and CHEM UN2046) and CHEM UN1507

The lab is intended for students who have taken Intensive Organic Chemistry, CHEM UN2045 - CHEM UN2046 and who intend to major in Chemistry, Biochemistry, Chemical Physics, or Environmental Chemistry.

Fall 2019: CHEM UN2545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2545	001/99363	M 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	10/10
CHEM 2545	002/99362	T 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	5/10

CHEM UN3079 Physical Chemistry I. 4 points.

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046) and (MATH UN1101 and MATH UN1102) or (MATH UN1207 and MATH UN1208) and (PHYS UN1401 and PHYS UN1402) PHYS UN1201 - PHYS UN1202 is acceptable; PHYS UN1401 - PHYS UN1402 or the equivalent is HIGHLY recommended.

Corequisites: CHEM UN3085

Elementary, but comprehensive, treatment of the fundamental laws governing the behavior of individual atoms and molecules and collections of them. CHEM UN3079 covers the thermodynamics of chemical systems at equilibrium and the chemical kinetics of nonequilibrium systems. Although CHEM UN3079 and CHEM UN3080 are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course.

Fall 2019: CHEM UN3079

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3079	001/99379	M W 10:10am - 11:25am 209 Havemeyer Hall	Timothy Berkelbach	4	29/60

CHEM UN3085 Physical and Analytical Chemistry Laboratory I. 4 points.

Lab Fee: \$125 per term.

Corequisites: CHEM UN3079

A student-centered experimental course intended for students who are co-registered or have completed CHEM UN3079 and CHEM UN3080. The course emphasizes techniques of experimental physical chemistry and instrumental analysis, including vibrational, electronic, and laser spectroscopy; electroanalytical

methods; calorimetry; reaction kinetics; hydrodynamic methods; scanning probe microscopy; applications of computers to reduce experimental data; and computational chemistry. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details.

Fall 2019: CHEM UN3085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3085	001/99404	T 12:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4	9/15

CHEM UN3098 Supervised Independent Research. 4 points.

Lab Fee: \$105 per term.

Prerequisites: the instructor's permission for entrance, and the departmental representative's permission for aggregate points in excess of 12 or less than 4.

This course may be repeated for credit (see major and concentration requirements). Individual research under the supervision of a member of the staff. Research areas include organic, physical, inorganic, analytical, and biological chemistry. Please note that *CHEM UN3098* is offered in the fall and spring semesters.

Fall 2019: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/99378		Vesna Gasperov	4	2/25
CHEM 3098	002/17918		Vesna Gasperov	4	1/5
CHEM 3098	003/18801		Vesna Gasperov	4	1/1

Spring 2020: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/11656		Vesna Gasperov	4	5/25

BIOC UN3300 Biochemistry. 3 points.

Prerequisites: one year each of Introductory Biology and General Chemistry. Corequisites: Organic Chemistry. Primarily aimed at nontraditional students and undergraduates who have course conflicts with BIOC UN3501.

Biochemistry is the study of the chemical processes within organisms that give rise to the immense complexity of life. This complexity emerges from a highly regulated and coordinated flow of chemical energy from one biomolecule to another. This course serves to familiarize students with the spectrum of biomolecules (carbohydrates, lipids, amino acids, nucleic acids, etc.) as well as the fundamental chemical processes (glycolysis, citric acid cycle, fatty acid metabolism, etc.) that allow life to happen. In particular, this course will employ active learning techniques and critical thinking problem-solving to engage students in answering the question: how is the complexity of life possible? NOTE: While Organic Chemistry is listed as a corequisite, it is highly recommended that you take Organic Chemistry beforehand.

Spring 2020: BIOC UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/11855	T 7:10pm - 9:30pm Room TBA	Danny Ho	3	82/100

BIOC UN3501 Biochemistry: Structure and Metabolism. 4 points.

Prerequisites: one year of BIOL UN2005 and BIOL UN2006 and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC UN3501* and *BIOC UN3512*. *UN3501* covers subject matters in modern biochemistry, including chemical biology and structural biology, discussing the structure and function of both proteins and small molecules in biological systems. Proteins are the primary class of biological macromolecules and serve to carry out most cellular functions. Small organic molecules function in energy production and creating building blocks for the components of cells and can also be used to perturb the functions of proteins directly. The first half of the course covers protein structure, enzyme kinetics and enzyme mechanism. The second half of the course explores how small molecules are used endogenously by living systems in metabolic and catabolic pathways; this part of the course focuses on mechanistic organic chemistry involved in metabolic pathways.

CHEM UN3920 Senior Seminar in Chemical Research. 2 points.

Pass/Fail credit only.

Open to senior chemistry, biochemistry, environmental chemistry, and chemical physics majors; senior chemistry concentrators; and students who have taken or are currently enrolled in *CHEM UN3098*. Senior seminar provides direct access to modern chemical research through selected studies by the students from active fields of chemical research. Topics to be presented and discussed draw from the current scientific literature and/or *UN3098* research.

Fall 2019: CHEM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3920	001/99344	F 2:10pm - 4:00pm 711 Havemeyer Hall	Karen Phillips	2	9/40

CHEM GU4071 Inorganic Chemistry. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046), or the equivalent.

Principles governing the structure and reactivity of inorganic compounds surveyed from experimental and theoretical viewpoints. Topics include inorganic solids, aqueous and nonaqueous solutions, the chemistry of selected main group elements, transition metal chemistry, metal clusters, metal carbonyls, and organometallic chemistry, bonding and resonance, symmetry and molecular orbitals, and spectroscopy.

Fall 2019: CHEM GU4071

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4071	001/99437	M W 8:40am - 9:55am 320 Havemeyer Hall	Jack Norton	4.5	36/42

CHEM GU4147 Advanced Organic Chemistry. 4.5 points.

Prerequisites: elementary organic and physical chemistry. The mechanisms of organic reactions, structure of organic molecules, and theories of reactivity. How reactive intermediates are recognized and mechanisms are deduced using kinetics, stereochemistry, isotopes, and physical measurements.

Fall 2019: CHEM GU4147

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4147	001/48004	T Th 10:10am - 11:25am 320 Havemeyer Hall	Dalibor Sames, Tomislav Rovis	4.5	22/42

CHEM GU4148 Synthetic Methods in Organic Chemistry I. 4.5 points.

Prerequisites: Organic chemistry.

This course is intended for graduate students and advanced undergraduate students. The main purpose of the course is to introduce students to modern synthetic chemistry via the selected series of topics (synthetic planning and the logic of organic assembly, classical and new reactions/methods and their use in complex target synthesis). Mechanistic underpinning of the discussed reaction processes will also be briefly discussed. For each module (see the content below), specific examples of syntheses of natural products and/or synthetic materials will be provided. In addition to lectures, students will select and present relevant papers in the class (the number of student symposia will depend on the final enrollment in this course). The basic knowledge of transition metal chemistry is recommended for the cross-coupling reactions (i.e., structure, electron counting, and elemental reaction types of transition metals).

Fall 2019: CHEM GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4148	001/99343	M W 10:10am - 11:25am 320 Havemeyer Hall	Tomislav Rovis	4.5	12/42

CHEM GU4221 Quantum Chemistry. 4.5 points.

Prerequisites: elementary physical chemistry. Basic quantum mechanics: the Schrodinger equation and its interpretation, exact solutions in simple cases, methods of approximation, angular momentum and electronic spin, and an introduction to atomic and molecular structure.

Fall 2019: CHEM GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4221	001/99376	M W 11:40am - 12:55pm 320 Havemeyer Hall	Richard Friesner	4.5	8/42

CHEM GU4230 Statistical Mechanics. 4.5 points.

Prerequisites: elementary physical chemistry.

Corequisites: CHEM G4221.

Topics include the classical and quantum statistical mechanics of gases, liquids, and solids.

Fall 2019: CHEM GU4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4230	001/99342	M W 1:10pm - 2:25pm 320 Havemeyer Hall	Bruce Berne, Angelo Cacciuto	4.5	5/42

CHEM GU4312 Chemical Biology. 4 points.

Prerequisites: (CHEM UN2443 and CHEM UN2444) and (CHEM UN3079 and CHEM UN3080) and (BIOC UN3501), or the equivalent.

Development and application of chemical methods for understanding the molecular mechanisms of cellular processes. Review of the biosynthesis, chemical synthesis, and structure and function of proteins and nucleic acids. Application of chemical methods—including structural biology, enzymology, chemical genetics, and the synthesis of modified biological molecules—to the study of cellular processes—including transcription, translation, and signal transduction.

Fall 2019: CHEM GU4312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4312	001/99405	T Th 11:40am - 12:55pm 320 Havemeyer Hall	Neel Shah	4	23/42

BIOC GU4323 Biophysical Chemistry I. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods. The first three modules will be covered during the fall term. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

SPRING 2020

CHEM UN1403 General Chemistry I (Lecture). 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Corequisites: MATH UN1101

Preparation equivalent to one year of high school chemistry is assumed. Students lacking such preparation should plan independent study of chemistry over the summer or take CHEM UN0001 before taking CHEM UN1403. Topics include stoichiometry, states of matter, nuclear properties, electronic structures of atoms, periodic properties, chemical bonding, molecular geometry, introduction to quantum mechanics and atomic theory, introduction to organic and biological chemistry, solid state and materials science, polymer science and macromolecular structures and coordination chemistry. Although CHEM UN1403 and CHEM UN1404 are separate courses, students are expected to take both terms sequentially. The order of presentation of topics may differ from the order presented here, and from year to year. Students must ensure they register for the recitation that corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2019: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/99403	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	4	282/300
CHEM 1403	002/48018	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	200/200
CHEM 1403	003/48019	M W 6:10pm - 7:25pm 304 Barnard Hall	Robert Beer	4	179/200

Spring 2020: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11594	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	71/132

CHEM UN1404 General Chemistry II (Lecture). 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: CHEM UN1403

Although CHEM UN1403 and CHEM UN 1404 are separate courses, students are expected to take both terms sequentially. Topics include gases, kinetic theory of gases, states of matter: liquids and solids, chemical equilibria, applications of equilibria, acids and bases, chemical thermodynamics, energy, enthalpy, entropy, free energy, periodic properties, chemical kinetics, and electrochemistry. The order of presentation of topics may differ from the order presented here, and from year to year. Students must ensure they register for the recitation that corresponds to the lecture section. Please check the Directory of Classes for details.

Spring 2020: CHEM UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHEM 1404	001/11595	T Th 11:40am - 12:55pm 309 Havemeyer Hall	Angelo Cacciuto	4	151/190
CHEM 1404	002/11596	M W 6:10pm - 7:25pm Room TBA	Robert Beer	4	190/190

CHEM UN1500 General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab Fee: \$140.

Corequisites: CHEM UN1403, CHEM UN1404

An introduction to basic lab techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (*CHEM UN1501*). Please check the Directory of Classes for details. Please note that *CHEM UN1500* is offered in the fall and spring semesters. Mandatory lab check-in will be held during the first week of classes in both the fall and spring semesters.

Fall 2019: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/99399	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	10/46
CHEM 1500	002/99398	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	003/99397	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	004/99396	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	9/46

Spring 2020: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11597	M 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24
CHEM 1500	002/11598	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	003/11625	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	004/11626	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	005/11627	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	39/46
CHEM 1500	006/11628	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	45/46

CHEM 1500	007/11629	F 8:40am - 12:25pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/46
CHEM 1500	008/11630	F 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	23/24

CHEM UN1507 Intensive General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Prerequisites: CHEM UN1604 or CHEM UN2045

Corequisites: CHEM UN2045

A student-centered experimental course intended for students who are taking or have completed CHEM UN1604 (Second Semester General Chemistry Intensive Lecture offered in Fall), CHEM UN2045 (Intensive Organic Chemistry offered in Fall), or CHEM UN2046 (Intensive Organic Chemistry Lecture offered in Spring). The course will provide an introduction to theory and practice of modern experimental chemistry in a contextual, student-centered collaborative learning environment. This course differs from CHEM UN1500 in its pedagogy and its emphasis on instrumentation and methods. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details. Please note that CHEM UN1507 is offered in the fall and spring semesters.

Fall 2019: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/99352	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	14/18
CHEM 1507	002/99351	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	9/18

Spring 2020: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11633	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	13/18
CHEM 1507	002/11634	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	7/18

CHEM UN2046 Intensive Organic Chemistry II (Lecture). 4 points.

Prerequisites: CHEM UN2045

Premedical students may take CHEM UN2045, CHEM UN2046, and CHEM UN2545 to meet the minimum requirements for admission to medical school. This course covers the same material as CHEM UN2443 - CHEM UN2444, but is intended for students who have learned the principles of general chemistry in high school OR have completed CHEM UN1604 in their first year at Columbia. First year students enrolled in CHEM UN2045 - CHEM UN2046 are expected to enroll concurrently in CHEM UN1507. Although CHEM UN2045 and CHEM UN2046 are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check

the Directory of Classes for details and also speak with the TA for the course.

Spring 2020: CHEM UN2046

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2046	001/11635	T Th 11:40am - 12:55pm 401 Chandler	Colin Nuckolls	4	20/60

CHEM UN2408 First-Year Seminar in Chemical Research. 1 point.

Prerequisites: CHEM UN1403 or CHEM UN1604 or CHEM UN2045 or the instructor's permission.

A one-hour weekly lecture, discussion, and critical analysis of topics that reflect problems in modern chemistry, with emphasis on current areas of active chemical research.

Spring 2020: CHEM UN2408

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2408	001/11636	F 12:00pm - 12:50pm 209 Havemeyer Hall	Vesna Gasperov	1	36/80

CHEM UN2444 Organic Chemistry II (Lecture). 4 points.

Prerequisites: CHEM UN1404 or CHEM UN1604 and CHEM UN1500

The principles of organic chemistry. The structure and reactivity of organic molecules are examined from the standpoint of modern theories of chemistry. Topics include stereochemistry, reactions of organic molecules, mechanisms of organic reactions, syntheses and degradations of organic molecules, and spectroscopic techniques of structure determination. Although CHEM UN2443 and CHEM UN2444 are separate courses, students are expected to take both terms sequentially. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details.

Spring 2020: CHEM UN2444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2444	001/12120	M W 11:40am - 12:55pm 309 Havemeyer Hall	Karen Phillips	4	143/180
CHEM 2444	002/12219	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	4	187/170

CHEM UN2494 Organic Chemistry Laboratory II (Synthesis). 1.5 point.

Lab Fee: \$62.00

Prerequisites: (CHEM UN1403 and CHEM UN1404) and CHEM UN1500 and CHEM UN2493

Corequisites: CHEM UN2444

Please note that you must complete CHEM UN2493, or the equivalent, before you register for CHEM UN2494. This lab introduces students to experimental design and trains students in the execution and evaluation of scientific data. The technique experiments in the first half of the course (CHEM UN2493) teach students to develop and master the required experimental

skills to perform the challenging synthesis experiments in the second semester. The learning outcomes for this lab are the knowledge and experimental skills associated with the most important synthetic routes widely used in industrial and research environments. Attendance at the first lab lecture and laboratory session is mandatory. Please note that CHEM UN2494 is the second part of a full year organic chemistry laboratory course. Students must register for the lab lecture section (CHEM UN2496) which corresponds to their lab section. Students must attend ONE lab lecture and ONE lab section every other week. Please contact your advisers for further information.

Spring 2020: CHEM UN2494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2494	001/11637	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	9/24
CHEM 2494	002/11638	T 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	11/24
CHEM 2494	003/11639	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	20/34
CHEM 2494	004/11640	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	35/34
CHEM 2494	005/11641	Th 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	32/34
CHEM 2494	006/11642	F 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	34/34
CHEM 2494	007/11643	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	10/24
CHEM 2494	008/11644	T 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	17/24
CHEM 2494	009/11645	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	1.5	26/34
CHEM 2494	010/11646	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	34/34
CHEM 2494	011/11647	Th 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	31/34
CHEM 2494	012/11648	F 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	1.5	25/34

CHEM UN3080 Physical Chemistry II. 4 points.

Prerequisites: CHEM UN3079

Corequisites: CHEM UN3086

CHEM UN3080 covers the quantum mechanics of atoms and molecules, the quantum statistical mechanics of chemical systems, and the connection of statistical mechanics to thermodynamics. Although CHEM UN3079 and CHEM UN3080 are separate courses, students are expected to take both terms sequentially. A

recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course

Spring 2020: CHEM UN3080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3080	001/12149	M W 10:10am - 11:25am 209 Havemeyer Hall	Xiaoyang Zhu	4	21/60

CHEM UN3086 Physical and Analytical Chemistry**Laboratory II. 4 points.**

Lab Fee: \$125 per term.

Prerequisites: CHEM UN3085, CHEM UN3080 is acceptable corequisite for CHEM UN3086.

A student-centered experimental course intended for students who are co-registered or have complete CHEM UN3079 and CHEM UN3080. The course emphasizes techniques of experimental physical chemistry and instrumental analysis, including vibrational, electronic, and laser spectroscopy; electroanalytical methods; calorimetry; reaction kinetics; hydrodynamic methods; scanning probe microscopy; applications of computers to reduce experimental data; and computational chemistry. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details.

Spring 2020: CHEM UN3086

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3086	001/11655	T 1:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4	9/15

CHEM UN3098 Supervised Independent Research. 4 points.

Lab Fee: \$105 per term.

Prerequisites: the instructor's permission for entrance, and the departmental representative's permission for aggregate points in excess of 12 or less than 4.

This course may be repeated for credit (see major and concentration requirements). Individual research under the supervision of a member of the staff. Research areas include organic, physical, inorganic, analytical, and biological chemistry. Please note that *CHEM UN3098* is offered in the fall and spring semesters.

Fall 2019: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/99378		Vesna Gasperov	4	2/25
CHEM 3098	002/17918		Vesna Gasperov	4	1/5
CHEM 3098	003/18801		Vesna Gasperov	4	1/1

Spring 2020: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/11656		Vesna Gasperov	4	5/25

CHEM UN3546 Advanced Organic Chemistry Laboratory. 3 points.

Laboratory Fee: \$125.

Prerequisites: CHEM UN2493 and CHEM UN2494, or the equivalent.

A project laboratory with emphasis on complex synthesis and advanced techniques including qualitative organic analysis and instrumentation.

Spring 2020: CHEM UN3546

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3546	001/11657	M 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	5/10
CHEM 3546	002/11658	T 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	6/10

CHEM GU4102 Chemistry for the Brain. 4.5 points.

This course was upgraded from 2.5 to 4.5 and assigned a new number.

Prerequisites: Organic chemistry and biology courses, neuroscience or neurobiology recommended, but not required. The study of the brain is one of the most exciting frontiers in science and medicine today. Although neuroscience is by nature a multi-disciplinary effort, chemistry has played many critical roles in the development of modern neuroscience, neuropharmacology, and brain imaging. Chemistry, and the chemical probes it generates, such as molecular modulators, therapeutics, imaging agents, sensors, or actuators, will continue to impact neuroscience on both preclinical and clinical levels. In this course, two major themes will be discussed. In the first one, titled "Imaging brain function with chemical tools," we will discuss molecular designs and functional parameters of widely used fluorescent sensors in neuroscience (calcium, voltage, and neurotransmitter sensors), their impact on neuroscience, pros and cons of genetically encoded sensors versus chemical probes, and translatability of these approaches to the human brain. In the second major theme, titled "Perturbation of the brain function with chemical tools," we will examine psychoactive substances, the basics of medicinal chemistry, brain receptor activation mechanisms and coupled signaling pathways, and their effects on circuit and brain function.

We will also discuss recent approaches, failures and successes in the treatment of neurodegenerative and psychiatric disorders. Recent advances in precise brain function perturbation by light (optogenetics and photopharmacology) will also be introduced. In the context of both themes we will discuss the current and future possibilities for the design of novel materials, drawing on the wide molecular structural space (small molecules, proteins, polymers, nanomaterials), aimed at monitoring, modulating, and repairing human brain function. This course is intended for students (undergraduate and graduate) from the science, engineering and medical departments.

Spring 2020: CHEM GU4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHEM 4102	001/12150	T Th 10:10am - 11:25am 320 Havemeyer Hall	Dalibor Sames	4.5	21/21
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CHEM GU4145 NMR Spectroscopy. 1 point.

Prerequisites: elementary organic chemistry.

Introduction to theory and practice of NMR spectroscopy.

Instrumental aspects, basic NMR theory, NOE, and a survey of 2D methods are covered.

Spring 2020: CHEM GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4145	001/12159	F 11:00am - 11:50am 320 Havemeyer Hall	John Decatur	1	27/42

BIOC GU4512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: BIOC UN3501

This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.

<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2020: BIOC GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4512	001/11536	M W 2:40pm - 3:55pm Room TBA	James Manley, Songtao Jia	3	46/80

COURSES OFFERED IN ALTERNATE YEARS

Please contact the Undergraduate Program Manager, Vesna Gasperov (vg2231@columbia.edu), for further information.

CHEM GU4103 Organometallic Chemistry. 4.5 points.

Prerequisites: (CHEM UN2443 and CHEM UN2444), or the equivalent. Some background in inorganic and physical chemistry is helpful but not required.

Main group and transition metal organometallic chemistry: bonding, structure, reactions, kinetics, and mechanisms.

CHEM GU4104 Structural Methods in Inorganic Chemistry. 2 points.

Not offered during 2019-20 academic year.

The determination of structures by diffraction methods, focusing on single crystal X-ray diffraction, is described. Emphasis is placed on a critical evaluation of published data.

CHEM GU4111 Applications of NMR Spectroscopy To Inorganic Chemistry. 2 points.

Not offered during 2019-20 academic year.

The use of multinuclear NMR spectroscopy in the determination of the structures of inorganic molecules and the use of dynamic NMR spectroscopy (variable temperature NMR and magnetization transfer techniques) to provide information concerned with reaction mechanisms.

Spring 2020: CHEM GU4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4111	001/12238	M W 8:40am - 9:55am 320 Havemeyer Hall	Gerard Parkin	2	25/30

CHEM GU4154 Chemical Characterization for Synthetic Chemists. 3 points.

Prerequisites: Columbia University's laboratory safety certification is required. One year each of (i) general chemistry lecture/lab; (ii) organic or inorganic chemistry lecture/lab; and (iii) research experience in a chemistry lab are recommended.

This course will teach synthetic chemists to use mass spectrometry, analytical chromatography, and single-crystal X-ray diffraction as tools for research in synthetic chemistry. The teaching approach will be practical with an emphasis on hands-on experience.

Students will gain: (1) A user-level understanding of the theory of these analytical methods. (2) Hands-on proficiency with a variety of instruments available at Columbia. (3) An introduction to advanced instrument capabilities and an awareness of their applications. (4) Proficiency in processing and interpreting data.

CHEM GU4210 Writing Workshop for Chemists. 1 point.

Prerequisites: recommended for undergraduate students to have taken at least one semester of independent research.

This course offers undergraduate and graduate students an introduction to scientific writing and provides an opportunity for them to become more familiar with the skill and craft of communicating complex scientific research. This course will provide students with the basic grammatical, stylistic and practical skills required to write effective academic journal articles, theses, or research proposals. In addition, through an innovative partnership with Columbia University Libraries' Digital Science Center, students will learn how to apply these basic skills to their writing through the use of state-of-the-art software and on-line resources. Regular opportunities to write, peer edit and revise throughout the semester will allow students to put what they are learning into immediate practice. It is recommended that undergraduates have taken at least one semester of research for credit before taking this course. Undergraduates should plan to take this course after taking the required Core course University Writing.

CHEM GR6168 Materials Chemistry IIA. 2.5 points.

Prerequisites: CHEM UN2443 , or the equivalent.

This is an introductory course to the emerging field of macromolecular materials chemistry. The general topics will be based on the chemistry, self-assembly, and performance of block copolymers and conjugated polymers. Particular emphasis will be devoted to the demands required to drive materials from scientific curiosity to commercialization. At the fundamental level, the course will cover topics on polymerization techniques, electronic structure of organic semiconductors, characterization strategies, nanostructures and self-assembly.

CHEM GR6169 Materials Chemistry IIB. 2.5 points.

Prerequisites: CHEM UN2443 , or the equivalent.

This is an introductory course to the field of inorganic nanomaterials chemistry. The course will cover the synthesis, the structural, electronic and magnetic characterization, and the physical properties of zero-, one- and two-dimensional inorganic nanomaterials. Particular emphasis will be devoted to the design of building blocks that can organize into functional assemblies and to the emergence of collective physical properties. The course will also explore the recent and developing electronic and optoelectronic applications of these materials.

CHEM GR6222 Quantum Chemistry II. 2.5 points.

Prerequisites: CHEM GU4221

Atomic and molecular quantum mechanics: fundamentals of electronic structure, many-body wave functions and operators, Hartree-Fock and density functional theory, the Dirac equation.

CHEM GR6231 Intermediate Statistical Mechanics. 2.5 points.

Prerequisites: CHEM GU4221 and CHEM GU4230

Phase transitions and critical phenomena; renormalization group methods; classical theory of fluids.

CHEM GR8106 Kinetics. 2.5 points.

Not offered during 2019-20 academic year.

Kinetics and mechanisms of inorganic reactions.

CHEM GR8120 Polymers in Nanotechnology. 2.5 points.

Polymeric materials have long been ubiquitous items and played important roles in revolutionizing the way we live. Due to the advent of modern polymerization fabrication strategies, polymers are rapidly gaining interest for the development of next generation devices and medical treatment. This course will focus on the chemistry of polymers and their use as nanostructured materials created by self-assembly and top-down fabrication techniques. Specifically, the class will be divided into two sections describing the uses of organic nanostructures on a) surfaces and b) as particles. Patterned surfaces will be described in terms of photo-, imprint-, and block copolymer lithography. The preparation of nanoparticles through polymer synthesis, dendrimers, and mechanical manipulation will be the second part.

CHEM GR8223 Quantum Chemistry, III. 2.5 points.

Not offered during 2019-20 academic year.

Prerequisites: *CHEM G6222*.

Nonlinear spectroscopy: second harmonic and vibrational sum frequency generation; applications to surface and colloidal nano-microparticle interfaces; nonradiative molecular processes.

CHEM GR8232 Advanced Statistical Mechanics. 2.5 points.

Prerequisites: CHEM GU4221 and CHEM GU4230, or their equivalents.

Stochastic processes; Brownian motion; Langevin equations and fluctuation-dissipation theorems; reaction rate theory; time correlation functions and linear response theory.

CHEM GR8349 Research Ethics & Philosophy. 2.5 points.

This lecture course aims to address philosophical and ethical questions in scientific research. What are the most important traits of successful scientists whose discoveries have greatly benefited humanity (and led to Nobel Prizes)? What distinguishes great science from mediocre or pathological "science"? What are the ethical standards of scientific research? How do we identify scientific misconduct or fraud? Why are ethical standards so critical to the integrity of the research enterprise? The course requires extensive participation of students in the form of discussions and debates. Grades will be based on participation, writing assignments, and one oral presentation.

CLASSICS

Departmental Office: 617 Hamilton; 212-854-3902;

classics@columbia.edu

<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies (Classics): Prof. Gareth Williams; 212-854-7856; gdw5@columbia.edu

Director of Undergraduate Studies (Modern Greek Studies): Prof. Nikolas Kakkoufa; 212-854-3902; nk2776@columbia.edu

Director of Academic Administration and Finance: Juliana Driever; 212-854-2726; jd2185@columbia.edu

When one visits Rome or Athens, they also visit the many layers of physical, historical, and cultural development that have contributed to the complex evolution of those cities. When one tours the Roman Forum or the Greek Parthenon, they set foot on monuments whose physical impressiveness symbolizes political strength and historical importance; in a very physical way they experience the past. When one studies Latin and Greek language and culture, they embark on a tour of an alternative kind, making their way through texts and other cultural forms—such as paintings, sculptures, and philosophical ideas—that bring them directly into contact with the Greco-Roman past. Literature, philosophy, history, art and architecture, linguistics, papyrology, religion: all (and more) are branches of investigation to which the

modern student of classics/classical studies has access through the surviving literary and material evidence.

But when one studies in the original language Virgil's *Aeneid*, say, or Plato's philosophical writings, they find that ancient Greek or Latin literature deals with issues and ideas that are, for us, of central contemporary importance: e.g., How can I be happy? What is the best political constitution for our (or any) state? What responsibilities do I have to the society in which I live? What national significance is served or owed by literature?

The study of Greek and Latin language and culture concentrates in one main area (ancient Greece and Rome) and on many of the questions that are of direct pertinence to the ways in which modern lives are shaped and lived; at the same time, Greco-Roman literature and philosophy, so fundamental to the later development of the Western tradition, boast works of great intrinsic worth and interest. While all Columbia students get an introduction to classical texts in *Literature Humanities* and *Contemporary Civilization*, classics/classical studies provides a more advanced study of ancient cultural issues and habits of mind already sampled in the Core.

Study abroad in Greece or Italy offers a variety of educational experiences that are continuous with those of the major, enriching both linguistic expertise and cultural awareness. Students in classics have the opportunity to take part in archaeological digs abroad and, on occasion, to assist faculty in research projects that require, for example, bibliographical collection or the checking of research data.

Many majors pursue graduate study in classics and classical studies. Upon earning their graduate degrees, they often embark on teaching careers in universities, colleges, and high schools. Many graduating majors also enter a number of other professional fields, among them law, banking, accountancy, publishing, and museum-work. Employers tend to find that students in classics are articulate on paper, as well as orally; are organized of mind; and have good skills in general reasoning, an ability developed by the study of Greek and Latin language. In effect, the study of classics opens up a wide array of options, both in education and in the wider world.

The program of the department aims for a comprehensive understanding of classical literature and culture, and the mastery of Greek and Latin on which such understanding depends. Careful study of the language occupies the largest part of the first-year courses and is not omitted in the more advanced courses. Although literature becomes the chief subject only in the advanced courses, important authors like Homer, Plato, and Virgil are studied as literary texts already in the intermediate courses. A wide variety of courses are offered in translation.

Through a joint program with Barnard, the department offers a broad range of subjects. The department annually offers four advanced courses in each language (at the 3000- or 4000- level), the content of which changes each year in order to provide a

curricular range and to balance authors and genres over a two-year period.

Opportunities for individual projects of reading and research are available. Students are also permitted to take graduate courses if they are sufficiently prepared. Additionally, they can supplement their studies within the department through work in other departments, such as art history and archaeology, history, philosophy, and the other departments of languages and literature.

It is not necessary to have previously studied either language in order to major in it. A student starting Greek or Latin at Columbia can meet all the requirements of a major within an ordinary undergraduate program.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

Students beginning the study of Greek or Latin at Columbia must take four terms of either of the following two-year sequences:

Greek

GREK UN1101 - GREK UN1102	Elementary Greek I and Elementary Greek II
GREK UN2101 - GREK UN2102	Intermediate Greek I Attic Prose and Intermediate Greek II: Homer

Latin

LATN UN1101 - LATN UN1102	Elementary Latin I and Elementary Latin II
LATN UN2101 - LATN UN2102	Intermediate Latin I and Intermediate Latin II

With the permission of the director of undergraduate studies, GREK UN2102 Intermediate Greek II: Homer may be taken before GREK UN2101 Intermediate Greek I Attic Prose.

The intensive elementary courses GREK UN1121 Intensive Elementary Greek and LATN UN1121 Intensive Elementary Latin may be substituted for the two-term *UN1101-UN1102* sequence. The intensive intermediate courses GREK S2121Q Intensive Intermediate Greek: Poetry and Prose and LATN S2121Q Intensive Intermediate Latin: Poetry and Prose may be substituted for the two-term *UN2101-UN2102* sequence.

LATN UN2101 Intermediate Latin I should be taken before LATN UN2102 Intermediate Latin II.

For students with secondary-school training in Greek or Latin, the director of undergraduate studies determines, on the basis of records and test scores, what further work is needed to fulfill the language requirement.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the Latin AP exam, which also satisfies the foreign language requirement, upon

successful completion (with a grade of B or higher) of a Latin class at the 3000-level or higher.

MAJOR PROGRAM

The department offers a major in classics and a major track in classical studies. The major in classics involves the intensive study of both Greek and Latin, as well as their cultural matrix; the track in classical studies offers a more interdisciplinary approach. The major in classics is recommended for students planning to continue the study of classics in graduate school. The department also participates in the interdepartmental ancient studies program and offers a concentration in classics; these are all described below.

The major in classics and the track in classical studies are designed in part to build on the experience of the ancient world that undergraduates have acquired at Columbia in the Core Curriculum (especially in *Literature Humanities*). The major in classics is structured on the principle of gradual and closely monitored linguistic progress from the elementary (1100-level) to the advanced (3000- and 4000-levels) and ultimately to the literature survey courses (*GU4105-GU4106*) in Greek and/or Latin.

Those majors intending to embark on graduate study in classics are especially encouraged to undertake, in their senior year, an independent research project (*UN3998*). This option is designed to allow students to personalize their experience in the major by conducting advanced study in a specialized area under the guidance of the specializing faculty member of their choice.

UN3998 is required in the classical studies track. Otherwise, students in classical studies are not required to take advanced courses beyond *UN3996 The Major Seminar*, but are expected to follow a coherent plan of study by taking a sequence of cognate courses in different but related departments (e.g., art history and archaeology, history, etc.).

The director of undergraduate studies is responsible for overseeing the path of study followed by each student in classics or classical studies. Through close interaction with the director of undergraduate studies, as well as with other faculty members where appropriate, each major is strongly encouraged to debate the strengths and weaknesses of his or her own trajectory of study even as the requirements for the major are being completed.

Students should contact the director of undergraduate studies with any questions about the classics majors and course offerings. The director of undergraduate studies can provide students with a worksheet to help in planning their progress toward major requirements.

PROFESSORS

Kathy Eden
Helene P. Foley (Barnard)
Carmela V. Franklin
Stathis Gourgouris
John Ma (Chair)
Kristina Milnor (Barnard, Chair)

Seth R. Schwartz
 Deborah T. Steiner
 Karen Van Dyck
 Katharina Volk
 Gareth D. Williams
 Nancy Worman (Barnard)

ASSOCIATE PROFESSORS

Marcus Folch
 Joseph Howley
 Elizabeth Irwin
 Ellen Morris (Barnard)

ASSISTANT PROFESSORS

Alan Ross

SENIOR LECTURER

Elizabeth Scharffenberger

LECTURERS

Dimitrios Antoniou
 Nikolas Kakkoufa
 Darcy Krasne

MAJOR IN CLASSICS

The major in classics involves a program in both Greek and Latin languages and literatures, and in Greek and Roman civilization. Students generally emphasize the study of one of the languages (the primary language), but significant study of the other (secondary) language is required as well.

The major requires the completion of 11 courses (a minimum of 34 points) and must include the following:

1. In a primary language:
 - Four courses at or above the UN2100-level;
 - *The Major Seminar UN3996*;
 - Two courses from the following four advanced options: GU4105, GU4106, GU4139, UN3998 (any others may count toward the four upper level requirement).
2. In a secondary language:
 - Two courses at or above the UN2100-level.
3. Two ancient culture courses, including:
 - One course in the culture of the primary language;
 - One course in any aspect of ancient history or culture (*HIST*, *AHIS*, *PHIL*, *CLLT*, *CLCV*). All substitutions must be approved by the director of undergraduate studies.

The classical languages follow a standard track of elementary (1100-level) and intermediate (2100-level) levels, followed by 3000- and 4000-level classes that may generally be taken in any order.

Although it is easier to complete the major if at least one classical language is begun no later than the first year, it is possible to begin

one classical language in the sophomore year and the other in the junior year and still complete the major.

Those planning to go on to graduate study in classics are urged to take both terms of GU4105-GU4106 if possible, to write a senior research thesis, and to acquire a reading knowledge of German and preferably also of French (Italian is also useful).

To be eligible for departmental honors and prizes, students must take UN3998.

MAJOR TRACK IN CLASSICAL STUDIES

The major track in classical studies requires the completion of 11 courses (a minimum of 35 points) and must include the following:

1. Five courses, at or above the UN1102-level, in either or both Latin and Greek;
2. *The Major Seminar UN3996*;
3. Four classes in Ancient History, Art, Philosophy, Religion, and Civilization. Note that certain courses may be 6 credits, e.g., ICCS's *City of Rome* course, and may count as two courses towards this requirement. Students in doubt about a course's relevance should confirm it with the director of undergraduate studies as soon as possible;
4. *Senior Thesis UN3998*, completed on a chosen aspect of Greek or Roman civilization under the direction of a faculty member (3 points).

Summer courses 1221/1221 are counted as four credits for the purposes of major requirements.

MAJOR IN ANCIENT STUDIES

Students interested in a major in ancient studies should see the *Ancient Studies* section in this Bulletin.

CONCENTRATION IN CLASSICS

Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The concentration in classics is designed for those who cannot fit the complete major into their undergraduate schedule, but still wish to take a substantial program in Greek and Latin.

The concentration requires the completion of seven courses (a minimum of 21 points) and must include the following:

1. In a primary language, six courses distributed as follows:
 - Five courses above the 1100-level, three of which must be 3000- or 4000-level;
 - One course from the following three advanced options: GU4105, GU4106, GU4139.

2. One course in Ancient History or Classical Civilization (3 points).

SPECIAL CONCENTRATION IN HELLENIC STUDIES

The courses in the Hellenic Studies program are designed to develop the student's proficiency in aspects of Modern Greek culture, language, and history. The minimum credit requirement for the Hellenic Studies Concentration is 21 credits and includes:

1. Modern Greek language and culture courses (Elementary, Intermediate, Advanced, Conversation I & II, Reading in Greek; minimum 8 credits). Students will work with undergraduate advisor to determine their level of the language,
2. Modern Greek Studies interdepartmental courses (CLGM, CSGM, HSGM; minimum 12 credits). The program of study should be planned as early as possible with the Director of Undergraduate Studies. Students meet with the Director of Undergraduate Studies each semester in order to obtain program approval. Opportunities exist for study abroad in Greece, Cyprus and Turkey for the summer or an academic term for credit. Students work closely with the concentration advisor on the selection of the foreign schools and the transfer of credit.

Students may also wish to write a Senior Thesis which will substitute one Modern Greek Studies interdepartmental seminar. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should identify a potential faculty advisor.

LATIN

LATN UN1101 Elementary Latin I. 4 points.

For students who have never studied Latin. An intensive study of grammar with reading of simple prose and poetry.

Fall 2019: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/48699	T Th F 10:10am - 11:25am 414 Pupin Laboratories	Cristina Perez	4	9/18
LATN 1101	002/48700	M W 6:10pm - 8:00pm 616 Hamilton Hall	David Ratzan	4	14/18

Spring 2020: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/13993	T Th 4:10pm - 6:00pm Room TBA	Francesco Cassini	4	18/18

LATN UN1102 Elementary Latin II. 4 points.

Prerequisites: *LATN UN1101*.

A continuation of *LATN UN1101*, including a review of grammar and syntax for students whose study of Latin has been interrupted.

Fall 2019: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/48626	T Th 4:10pm - 6:00pm 609 Hamilton Hall	John Izzo	4	5/18

Spring 2020: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/13994	T Th F 10:10am - 11:25am Room TBA	Cristina Perez	4	13/18
LATN 1102	020/00750	M W 6:10pm - 8:00pm Room TBA	Joe Sheppard	4	6/25

LATN UN1121 Intensive Elementary Latin. 4 points.

Designed to cover all of Latin grammar and syntax in one semester in order to prepare the student to enter *LATN un2101* or *un2102*.

Fall 2019: LATN UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/48612	T Th 6:10pm - 8:00pm 609 Hamilton Hall	Erin Petrella	4	11/18

Spring 2020: LATN UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	020/00751	T Th 6:10pm - 8:00pm Room TBA	Joe Sheppard	4	1/25

LATN UN2101 Intermediate Latin I. 4 points.

Prerequisites: *LATN UN1101-UN1102*, or *LATN UN1121*, or the equivalent.

Selections from Catullus and from Cicero or Caesar.

Fall 2019: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/48627	M W F 10:10am - 11:25am 522d Kent Hall	Darcy Krasne	4	11/18
LATN 2101	002/48719	M W 6:10pm - 8:00pm 609 Hamilton Hall	Emma Ianni	4	13/18

Spring 2020: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/13995	T Th 6:10pm - 8:00pm Room TBA	John Izzo	4	12/18

LATN UN2102 Intermediate Latin II. 4 points.

Prerequisites: *LATN UN2101* or the equivalent.

Selections from Ovid's *Metamorphoses* and from Sallust, Livy, Seneca, or Pliny.

Fall 2019: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	003/48613	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Mary-Evelyn Farrior	4	11/18

Spring 2020: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	001/13996	M W F 10:10am - 11:25am Room TBA	Erin Petrella	4	12/18
LATN 2102	002/13997	M W 6:10pm - 8:00pm Room TBA	Catherine Lambert	4	14/18

LATN UN3012 Augustan Poetry. 3 points.

Prerequisites: LATN UN2102 or the equivalent.

Selections from Vergil and Horace. Combines literary analysis with work in grammar and metrics.

Fall 2019: LATN UN3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3012	001/48640	M W 4:10pm - 5:25pm 414 Pupin Laboratories	Darcy Krasne	3	7/30

LATN UN3033 Medieval Language and Literature. 3 points.

Prerequisites: four semesters of college Latin or the instructor's permission.

This survey focuses on translation, grammatical analysis, and discussion of the literary and cultural contexts of medieval Latin prose and poetry. It includes widely read texts by major authors (e.g. Augustin, Boethius, Abelard and Heloise, Bernard of Clairvaux, Petrarch) as well as lesser-known anonymous pieces (e.g. love lyric from the *Cambridge Songs* and the *Carmina Burana*, poetic satire from a *rotulus*, and a novel, the *Historia Apollonii*).

LATN UN3035 Poetry as Neurosis: Lucan's Bellum Civile. 3 points.

This course is an intensive study of Lucan's revolutionary and enigmatic *Bellum Civile*, the epic masterpiece of the Neronian age, which was admired and imitated all through the history of Western culture by authors such as Dante, Montaigne, Milton, Voltaire, Goethe, Shelley, and Baudelaire among others. The course will examine major controversies concerning the form and meaning of the poem, with special emphasis on the poetic tension created by the narrator's neurotic personality. The narration of the 49 BCE civil war between Caesar and Pompey is for Lucan the pretext for an original and intensely personal reflection on themes such as political oppression, the role of the individual in society, nihilism, self-destructiveness, mental disorder, and artistic creation. The poem will be analyzed from various critical perspectives that include rhetoric, intertextuality, deconstruction, reception theory, and psychoanalysis; no previous knowledge of any of these methodologies is required. Although an acceptable knowledge of Latin (intermediate or above) is assumed, the primary focus of this course is literary and sociological interpretation rather than linguistic competence. In addition to the Latin reading assignments, the poem will also be read entirely in English translation, allowing students to comprehend the whole while they engage with particular sections in the original language. The assignment for each class will include: (1) approximately five hundred lines to be read in English translation; (2) translation of

short Latin passages, whose size may be adapted to the level of the class/student; (3) secondary readings.

LATN UN3309 LATIN LITERATURE SELECTIONS. 3 points.

Prerequisites: LATN UN2102 or the equivalent.

Since the content of this course changes from year to year, it may be repeated for credit.

Fall 2019: LATN UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3309	020/00172	M W 10:10am - 11:25am 227 Milbank Hall	Joe Sheppard	3	8/99

LATN UN3310 Selections from Latin Literature: Roman Britain. 3 points.

Prerequisites: LATN UN2102 or the equivalent.

Since the content of this course changes from year to year, it may be repeated for credit.

Spring 2020: LATN UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3310	001/13999	M W 10:10am - 11:25am Room TBA	Darcy Krasne	3	7/25

LATN UN3320 Intensive Reading Course. 3 points.

Prerequisites: LATN UN2101-UN2102 or the equivalent.

This course is limited to students in the Postbaccalaureate program. The intensive reading of a series of Latin texts, both prose and verse, with special emphasis on detailed stylistic and grammatical analysis of the language.

LATN UN3980 Post-Baccalaureate Seminar. 3 points.

Open only to students enrolled in the post-baccalaureate certificate program in Classics.

This seminar aims to provide students in the post-baccalaureate certificate program with opportunities 1) to (re-)familiarize themselves with a selection of major texts from classical antiquity, which will be read in English, 2) to become acquainted with scholarship on these texts and with scholarly writing in general, 3) to write analytically about these texts and the interpretations posed about them in contemporary scholarship, and 4) to read in the original language selected passages of one of the texts in small tutorial groups, which will meet every week for an additional hour with members of the faculty.

Fall 2019: LATN UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3980	001/48630	Th 4:10pm - 6:00pm 618 Hamilton Hall	Elizabeth Scharffenberger	3	1/15

LATN UN3996 The Major Seminar. 3 points.

Prerequisites: junior standing.

Required for all majors in Classics and Classical Studies. The topic changes from year to year but is always broad enough to accommodate students in the languages as well as those in the

interdisciplinary major. Past topics include: love, dining, slavery, space, power.

Fall 2019: LATN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3996	001/10370	F 2:10pm - 4:00pm 607 Hamilton Hall	Marcus Folch	3	6/20

LATN UN3997 Directed Readings in Latin Literature. 3 points.

Prerequisites: the director of undergraduate studies' permission. A program of reading in Latin literature, to be tested by a series of short papers, one long paper, or an oral or written examination.

Fall 2019: LATN UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	001/48704		Darcy Krasne	3	0/5
LATN 3997	002/48705		Kathy Eden	3	0/5
LATN 3997	004/48707		Gareth Williams	3	0/5
LATN 3997	005/48708		Joseph Howley	3	0/5

Spring 2020: LATN UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	001/14000		Kathy Eden	3	0/5
LATN 3997	002/14001		Alan Ross	3	0/5
LATN 3997	003/14002		Gareth Williams	3	0/5
LATN 3997	005/14003		Joseph Howley	3	0/5
LATN 3997	006/14004		Darcy Krasne	3	0/5
LATN 3997	020/00724		Helene Foley	3	0/5
LATN 3997	021/00725		Nancy Worman	3	0/5
LATN 3997	022/00726		Ellen Morris	3	0/5

LATN UN3998 Supervised Research in Latin Literature. 3 points.

Prerequisites: the director of undergraduate studies' permission. A program of research in Latin literature. Research paper required.

Fall 2019: LATN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	001/48631		Kathy Eden	3	0/5
LATN 3998	002/48632		Darcy Krasne	3	0/5
LATN 3998	004/48634		Gareth Williams	3	1/5
LATN 3998	005/48635		Joseph Howley	3	0/5

Spring 2020: LATN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	001/14005		Kathy Eden	3	0/5
LATN 3998	002/14006		Alan Ross	3	1/5

LATN 3998 003/14007

Gareth Williams 3 0/5

LATN 3998 005/14008

Joseph Howley 3 0/5

LATN 3998 006/14009

Darcy Krasne 3 1/5

LATN 3998 020/00727

Helene Foley 3 0/5

LATN 3998 021/00728

Nancy Worman 3 0/5

LATN 3998 022/00729

Ellen Morris 3 0/5

LATN GU4010 Selections from Latin Literature. 3 points.

Prerequisites: LATN UN3012 or the equivalent.

Since the content of this course changes from year to year, it may be repeated for credit.

Spring 2020: LATN GU4010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4010	001/14010	M W 2:40pm - 3:55pm Room TBA	Darcy Krasne	3	5/20

LATN GU4105 Latin Literature of the Republic. 4 points.

Prerequisites: at least two terms of Latin at the 3000-level or higher.

Latin literature from the beginning to early Augustan times.

Fall 2019: LATN GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4105	001/48637	M W 4:10pm - 6:00pm 222 Pupin Laboratories	Gareth Williams	4	15/20

LATN GU4106 Latin Literature of the Empire. 4 points.

Prerequisites: at least two terms of Latin at the 3000-level or higher.

Latin literature from Augustus to 600 C.E.

Spring 2020: LATN GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4106	001/14011	M W 4:10pm - 6:00pm 618 Hamilton Hall	Gareth Williams	4	7/20

LATN GU4152 Medieval Latin Literature. 3 points.

Prerequisites: the instructor's permission.

This course covers various topics in Medieval Latin Literature.

LATN GR5139 Elements of Prose Style. 4 points.

Prerequisites: at least four semesters of Latin, or the equivalent.

Intensive review of Latin syntax with translation of English sentences and paragraphs into Latin.

Fall 2019: LATN GR5139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 5139	001/48638	T Th 11:40am - 12:55pm	Gareth Williams	4	18/20

414 Pupin
Laboratories

GREK 001/48675 T Th F 10:10am - Catherine 4 11/18
2101 11:25am Lambert
401 Chandler

GREEK

GREK UN1101 Elementary Greek I. 4 points.

For students who have never studied Greek. An intensive study of grammar with reading and writing of simple Attic prose.

Fall 2019: GREK UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1101	001/48639	M W F 1:10pm - 2:25pm 222 Pupin Laboratories	Lien Van Geel	4	10/18
GREK 1101	002/10601	T Th 6:10pm - 8:00pm 313 Hamilton Hall	Charles Pletcher	4	12/18

GREK UN1102 Elementary Greek II. 4 points.

Prerequisites: *GREK UN1101* or the equivalent, or the instructor or the director of undergraduate studies' permission.

Continuation of grammar study begun in *GREK UN1101*; selections from Attic prose.

Spring 2020: GREK UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1102	001/13963	M W F 1:10pm - 2:25pm Room TBA	Lien Van Geel	4	7/18
GREK 1102	002/13964	T Th 6:10pm - 8:00pm Room TBA	Charles Pletcher	4	12/18

GREK UN1121 Intensive Elementary Greek. 4 points.

Covers all of Greek grammar and syntax in one term. Prepares the student to enter second-year Greek (GREK UN2101 or GREK UN2102).

Fall 2019: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/48615	T Th F 1:10pm - 2:25pm 425 Pupin Laboratories	Shenda Kuang	4	7/18

Spring 2020: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/13965	T Th F 1:10pm - 2:25pm Room TBA	Emma Ianni	4	14/18

GREK UN2101 Intermediate Greek I Attic Prose. 4 points.

Prerequisites: *GREK UN1101*- *GREK UN1102* or the equivalent. Selections from Attic prose.

Fall 2019: GREK UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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GREK UN2102 Intermediate Greek II: Homer. 4 points.

Prerequisites: *GREK UN1101*- *GREK UN1102* or *GREK UN1121* or the equivalent.

Detailed grammatical and literary study of several books of the Iliad and introduction to the techniques of oral poetry, to the Homeric hexameter, and to the historical background of Homer.

Spring 2020: GREK UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 2102	001/00652	T Th F 10:10am - 11:25am Room TBA	Helene Foley	4	11/25

GREK UN3309 Selections from Greek Literature. 3 points.

Since the content of this course changes from year to year, it may be repeated for credit. The topic that will be taught in Fall 2018 is "Plato."

Fall 2019: GREK UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3309	001/48712	T Th 1:10pm - 2:25pm 604 Butler Library	Elizabeth Scharffenberger	3	8/30

GREK UN3310 Selections from Greek Literature II. 3 points.

Prerequisites: *GREK UN2101* - *GREK UN2102* or the equivalent. Since the content of this course changes from year to year, it may be repeated for credit.

Spring 2020: GREK UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3310	001/13966	T Th 1:10pm - 2:25pm 618 Hamilton Hall	Deborah Steiner	3	4/25

GREK UN3980 The Post-Baccalaureate Seminar. 3 points.

Open only to students enrolled in the post-baccalaureate certificate program in Classics.

This seminar aims to provide students in the post-baccalaureate certificate program with opportunities 1) to (re-)familiarize themselves with a selection of major texts from classical antiquity, which will be read in English, 2) to become acquainted with scholarship on these texts and with scholarly writing in general, 3) to write analytically about these texts and the interpretations posed about them in contemporary scholarship, and 4) to read in the original language selected passages of one of the texts in small tutorial groups, which will meet every week for an additional hour with members of the faculty.

Fall 2019: GREK UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3980	001/48676	Th 4:10pm - 6:00pm 618 Hamilton Hall	Elizabeth Scharffenberger	3	5/15

GREK UN3996 The Major Seminar. 3 points.

Prerequisites: junior standing.

Required for all majors in classics and classical studies. The topic changes from year to year, but is always broad enough to accommodate students in the languages as well as those in the interdisciplinary major. Past topics include: love, dining, slavery, space, power.

Fall 2019: GREK UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3996	001/48677	F 2:10pm - 4:00pm 613 Hamilton Hall	Marcus Folch	3	3/20

GREK UN3997 Directed Readings. 3 points.

Prerequisites: the director of undergraduate studies' permission.

A program of reading in Greek literature, to be tested by a series of short papers, one long paper, or an oral or written examination.

Fall 2019: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/48678		Elizabeth Irwin	3	0/5
GREK 3997	002/48679		Deborah Steiner	3	0/5
GREK 3997	003/48680		Marcus Folch	3	1/5
GREK 3997	004/48681		Paraskevi Martzavou	3	1/5
GREK 3997	005/48682		John Ma	3	0/5
GREK 3997	006/48722		Elizabeth Scharffenberger	3	0/5

Spring 2020: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/13967		Marcus Folch	3	0/5
GREK 3997	002/13968		Paraskevi Martzavou	3	0/5
GREK 3997	003/13969		Elizabeth Scharffenberger	3	0/5
GREK 3997	004/13970		John Ma	3	0/5
GREK 3997	005/13971		Deborah Steiner	3	0/5
GREK 3997	020/00718		Helene Foley	3	0/5
GREK 3997	021/00719		Nancy Worman	3	0/5
GREK 3997	023/00720		Ellen Morris	3	0/5

GREK UN3998 Supervised Research. 3 points.

Prerequisites: the director of undergraduate studies' permission.

A program of research in Greek literature. Research paper required.

Fall 2019: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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GREK 3998	001/48618		Deborah Steiner	3	0/5
GREK 3998	002/48619		Paraskevi Martzavou	3	0/5
GREK 3998	003/48620		Marcus Folch	3	0/5
GREK 3998	004/48621		Elizabeth Irwin	3	0/5
GREK 3998	005/48622		John Ma	3	0/5

Spring 2020: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/13972		Marcus Folch	3	1/5
GREK 3998	002/13973		Paraskevi Martzavou	3	0/5
GREK 3998	003/13974		Elizabeth Scharffenberger	3	0/5
GREK 3998	004/13975		Deborah Steiner	3	0/5
GREK 3998	005/13976		John Ma	3	0/5
GREK 3998	020/00721		Helene Foley	3	1/5
GREK 3998	021/00722		Nancy Worman	3	0/5
GREK 3998	022/00723		Ellen Morris	3	0/5

GREK GU4009 Sophocles & Aristophanes. 3 points.

Prerequisites: *GREK V1201* and *V1202*, or their equivalent.

Since the content of the course changes from year to year, it may be taken in consecutive years.

Fall 2019: GREK GU4009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4009	001/07553	M W 1:10pm - 2:25pm 307 Milbank Hall	Helene Foley	3	13/35

GREK GU4010 Selections from Greek Literature. 3 points.

Prerequisites: *GREK UN2101 - GREK UN2102* or the equivalent.

Since the content of this course changes each year, it may be repeated for credit.

Spring 2020: GREK GU4010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4010	001/00653	M W 1:10pm - 2:25pm Room TBA	Nancy Worman	3	2/20

GREK GU4030 Philo of Alexandria: Life of Moses, On the Contemplative Life. 3 points.

We will read in the original language selections from three treatises -- *In Flaccum*, *Legatio ad Gaium*, and *De Vita Contemplativa* -- of Philo of Alexandria; aside from their importance as Imperial Greek texts, these essays provide essential and very rare evidence for the environment (early Imperial Alexandria) and thought of their author.

GREK GU4105 History of Greek Literature I. 4 points.

Prerequisites: at least two terms of Greek at the 3000-level or higher.

Readings in Greek literature from Homer to the 4th century B.C.

Fall 2019: GREK GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4105	001/48623	T Th 2:10pm - 4:00pm 618 Hamilton Hall	Deborah Steiner	4	10/15

GREK GU4106 History of Greek Literature II. 4 points.

Prerequisites: at least two terms of Greek at the 3000-level or higher.

Greek literature of the 4th century B.C. and of the Hellenistic and Imperial Ages.

Spring 2020: GREK GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4106	001/13977	T Th 2:10pm - 4:10pm Room TBA	Elizabeth Scharffenberger	4	13/20

CLASSICAL CIVILIZATION**CLCV UN2441 Egypt in the Classical World. 4 points.**

This class traces Egypt's evolving integration into the Classical World from the Saite Dynasty (c. 685 BCE) to the suppression of paganism by the Coptic church. We'll pay close attention to the flashpoints that created conflicts between pagan Egyptians, Greeks, Jews, and Christians and also to integrative aspects of society.

CLCV UN3059 WORLDS OF ALEXANDER THE GREAT. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course looks at the narrative and the historical context for an extraordinary event: the conquest of the Persian empire by Alexander III of Macedonia, conventionally known as "Alexander the Great". We will explore the different worlds Alexander grew out of, confronted, and affected: the old Greek world, the Persian empire, the ancient near-east (Egypt, Levant, Babylonia, Iran), and the worlds beyond, namely pre-Islamic (and pre-Silk Road) Central Asia, the Afghan borderlands, and the Indus valley. The first part of the course will establish context, before laying out a narrative framework; the second part of the course will explore a series of themes, especially the tension between military conquest, political negotiation, and social interactions. Overall, the course will serve as an exercise in historical methodology (with particular attention to ancient sources and to interpretation), an introduction to the geography and the history of the ancient world (classical and near-eastern), and the exploration of a complex testcase located at the contact point between several worlds, and at a watershed of world history. There will be two weekly lectures and one weekly discussion section.

Fall 2019: CLCV UN3059

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3059	001/48733	T Th 8:40am - 9:55am 302 Fayerweather	John Ma	3	18/30

CLCV UN3060 Worlds of Alexander the Great Discussion. 0 points.

Corequisites: CLCV UN3059

Discussion section to accompany CLCV 3059, "The Worlds of Alexander the Great": examination of sources, interpretation and historiography; broad discussion as well as close reading of texts.

Fall 2019: CLCV UN3060

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3060	001/10462	F 12:00pm - 12:50pm 401 Chandler		0	16/30

CLCV UN3101 The Archaeology of Ancient Egypt and Nubia. 3 points.

Thanks to the pyramids of Giza, the treasure of Tutankhamun, and other remains of royal activity, pharaonic Egypt is justly famous for its monuments and material culture. Equally fascinating, if less well known, however, are the towns, fortresses, cultic centers, domestic spaces, and non-elite cemeteries that have been excavated over the past 200 years or so. The archaeology of Nubia is also little known but fascinating on many levels. This course will focus on what archaeology can reveal about life as it was experienced by individuals of all social classes. Through a combination of broad surveys and case studies of some of Egypt and Nubia's most culturally indicative and intriguing sites, we will explore issues such as the origins of inequality, state formation and its effects, the uneasy mix of state-planned settlements and village life, urbanism, domestic and community worship, gendered spaces, ethnicity and colonialism, religious revolution and evolution, bureaucracy, private enterprise, and the effects of governmental collapse on life and death in ancient Egypt and Nubia.

Fall 2019: CLCV UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3101	001/07554	T Th 1:10pm - 2:25pm 237 Milbank Hall	Ellen Morris	3	18/25

CLCV UN3220 War, reality and truth in Thucydides. 4 points.

Between 431 and 404 BCE, a world war pitted the sea empire of democratic Athens against the land-based hegemony of Sparta, the culmination of decades of cold war, uneasy coexistence and open conflict between the two powers. The first twenty years of this major event in ancient history are painstakingly recorded in a monumental work, the *War of the Peloponnesians and Athenians* by the Athenian Thucydides, a participant in the conflict. This remarkable and highly crafted text combines a hyperreal narrative season by season, analyses of causality, character and motivation, and competing ethical and practical interpretations. We will

approach Thucydides' *War* in four different ways: as a piece of historiography; as set of political or social scientifically oriented demonstrations; as a philosophical meditation on justice and power in the world; and as a historical document for a richly interesting period. Are these four approaches mutually compatible and reinforcing? The close reading of the text (for reasons of time, we will look at Books 1-5, 8 will be completed by engagement with secondary literature (four monographs and articles) and with contemporary documents (inscriptions), the latter offering a fragmentary counterpoint to Thucydidean narrative. After reading the text, we will spend time on thematic debates involving the narrative and contextual material. The aim of this close work is to produce a Thucydides beyond the clichés of contemporary punditry ("the Thucydides trap"), closely fitting within Columbia undergraduate training (where Thucydides has vanished from the Core), and bridging the gap between contextualizing and modernizing readings.

Spring 2020: CLCV UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3220	001/15119	M W 8:40am - 9:55am Room TBA	John Ma	4	12/30

CLCV UN3321 *War, reality and truth in Thucydides - Discussion. 0 points.*

Between 431 and 404 BCE, a world war pitted the sea empire of democratic Athens against the land-based hegemony of Sparta, the culmination of decades of cold war, uneasy coexistence and open conflict between the two powers. The first twenty years of this major event in ancient history are painstakingly recorded in a monumental work, the *War of the Peloponnesians and Athenians* by the Athenian Thucydides, a participant in the conflict. This remarkable and highly crafted text combines a hyperreal narrative season by season, analyses of causality, character and motivation, and competing ethical and practical interpretations. We will approach Thucydides' *War* in four different ways: as a piece of historiography; as set of political or social scientifically oriented demonstrations; as a philosophical meditation on justice and power in the world; and as a historical document for a richly interesting period. Are these four approaches mutually compatible and reinforcing? The close reading of the text (for reasons of time, we will look at Books 1-5, 8 will be completed by engagement with secondary literature (four monographs and articles) and with contemporary documents (inscriptions), the latter offering a fragmentary counterpoint to Thucydidean narrative. After reading the text, we will spend time on thematic debates involving the narrative and contextual material. The aim of this close work is to produce a Thucydides beyond the clichés of contemporary punditry ("the Thucydides trap"), closely fitting within Columbia undergraduate training (where Thucydides has vanished from the Core), and bridging the gap between contextualizing and modernizing readings.

CLCV V3230 *Classics and Film. 3 points.*

Considers cinematic representations of the ancient Mediterranean world, from early silent films to movies from the present day.

Explores films that purport to represent historical events (such as *Gladiator*) and cinematic versions of ancient texts (Pasolini's *Medea*). Readings include ancient literature and modern criticism.

CLCV GU4106 *Religions of the Roman world. 3 points.*

The goal of this course is to convey an important amount of knowledge on the religious history of the Roman empire focusing both on paganism, Christianity and Judaism and their interaction. We will study the religious space, the agents of cults and religions, rituals and networks and dynamics of power. The course will also face the challenge to reconsider the points of view from which to think the religious history of the Roman Empire and therefore it will be an invitation to revise our intellectual tools and questions towards an awareness to what is at stake when an object of religious debate emerges.

Fall 2019: CLCV GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 4106	001/10317	W 4:10pm - 6:00pm 607 Hamilton Hall	Paraskevi Martzavou	3	11/15

CLCV GU4110 *Gender and Sexuality In Ancient Greece. 3 points.*

Prerequisites: sophomore standing or the instructor's permission. Examination of the ways in which gender and sexuality are constructed in ancient Greek society and represented in literature and art, with attention to scientific theory, ritual practice, and philosophical speculation. Topics include conceptions of the body, erotic and homoerotic literature and practice, legal constraints, pornography, rape, and prostitution.

CLASSICAL LITERATURE

CLLT UN3125 *Book Histories and the Classics. 3 points.*

Prerequisites: HUMA CC1001 or HUMA GS1001COCI CC1101 ,HUMA CC1001 or HUMA GS1001 or COCI CC1101

This seminar will introduce students of classical literature to the history of the Western book, and to the relationship between book history and the transmission and reception history of the literature of ancient Greece and Rome. Students will also learn how to make use of rare books materials including manuscripts and early printed books.....

CLLT UN3127 *Hercules: Hero, Murderer, Philosopher, Buffoon. 3 points.*

Hercules is one of the most ancient, widespread, and enduring figures to emerge from the ancient Mediterranean. He is a figure of multiples: myriad labors, multiple wives, multiple fathers, and multiple identities. Together we will discover a broad range of literature on this hero and-like ancient writers and thinkers-we will use Hercules to explore mortality, divinity, masculinity, madness, and contradiction. We will read Hercules in different ancient genres, with a particular emphasis on Tragedy, Comedy, and Philosophy. The final units of our course will explore contemporary "heros," including the Hulk, "The Rock," and Disney's Hercules.

CLLT UN3128 THE ARTIST AND THE DICTATOR: ROMAN WRITERS UNDER NERO. 3 points.

This course aims at highlighting both the most important general features and the most important peculiarities of the literary masterpieces produced in the age of Nero. The basic question we will be addressing in class is what it means to be a literary artist under the rule of a despot. In order to fulfill Nero's megalomaniac need for exaltation, cope with his absolute power and, at the same time, maintain their personal identity and ethical values as writers, Seneca, Petronius and Lucan strove to balance in their works the emperor's expectations and their own artistic designs. These artists were not free to write what they wanted to write for present and future generations, but they tried to write it nevertheless. In this course, we will examine the extent of freedom of expression under Nero; the rhetorical techniques Neronian writers resorted to in order to express tactful modes of oblique commentary and criticism; the difficulties of the individual's liberty in a climate of dictatorial oppression; the ways in which literature helps us discover more about the society of a given time; and, ultimately, the universal and eternal desire for artists to be themselves and express their own views in spite of mortal dangers. Such issues are all the more pertinent in the present day: in 1989, the novelist Salman Rushdie was sentenced to death by the ayatollah Khomeini after the publication of *The Satanic Verses* and fled to the United Kingdom; in 2011, the visual artist Ai Weiwei, whose most recent installation is currently exhibited in New York City, at Washington Square Park, served 81 days in a Chinese prison because of his artwork against dictatorial regimes. He eventually left China and settled in Berlin. No knowledge of Latin is required, as the focus of this course is literary, historical and sociological interpretation rather than linguistic competence.

CLLT UN3132 Classical Myth. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Survey of major myths from the ancient Near East to the advent of Christianity, with emphasis upon the content and treatment of myths in classical authors (Homer, Hesiod, Aeschylus, Euripides, Sophocles, Vergil, Livy, Ovid).

Fall 2019: CLLT UN3132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 3132	001/07540	T Th 10:10am - 11:25am 328 Milbank Hall	Helene Foley	3	43/70

CLLT GU4300 The Classical Tradition. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Overview of Greek and Roman literature. Close analysis of selected texts from the major genres accompanied by lectures on literary history. Topics include the context out of which the genres arose, the suitability of various modern critical approaches to the

ancient texts, the problem of translation, and the transmission of the classical authors and their influence on modern literature.

Fall 2019: CLLT GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 4300	002/00173	T Th 2:40pm - 3:55pm 203 Diana Center	Joe Sheppard	3	8/99

MODERN GREEK

GRKM UN1101 Elementary Modern Greek I. 4 points.

This is the first semester of a year-long course designed for students wishing to learn Greek as it is written and spoken in Greece today. As well as learning the skills necessary to read texts of moderate difficulty and converse on a wide range of topics, students explore Modern Greece's cultural landscape from "para" to poetry to politics. Special attention will be paid to Greek New York. How do "our", "American", "Greek-American" definitions of language and culture differ from "their", "Greek" ones?

Fall 2019: GRKM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1101	001/48624	M W 12:10pm - 2:00pm 302 Hamilton Hall	Nikolas Kakkoufa	4	13/18

GRKM UN1102 ELEMENTARY MODERN GREEK II. 4 points.

Prerequisites: GRKM UN1101 *GRKM V1101* or the equivalent. Continuation of *GRKM V1101*. Introduction to modern Greek language and culture. Emphasis on speaking, writing, basic grammar, syntax, and cross-cultural analysis.

Spring 2020: GRKM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1102	001/13980	M W 12:10pm - 2:00pm Room TBA	Nikolas Kakkoufa	4	14/18

GRKM UN2101 Intermediate Modern Greek I. 4 points.

Prerequisites: GRKM UN1101 and GRKM UN1102 or the equivalent.

Corequisites: GRKM UN2111

This course is designed for students who are already familiar with the basic grammar and syntax of modern Greek language and can communicate at an elementary level. Using films, newspapers, and popular songs, students engage the finer points of Greek grammar and syntax and enrich their vocabulary. Emphasis is given to writing, whether in the form of film and book reviews or essays on particular topics taken from a selection of second year textbooks.

Fall 2019: GRKM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2101	001/48625	M W 6:10pm - 8:00pm 408 Hamilton Hall	Chrysanthé Filippardos	4	5/18

GRKM UN2102 Intermediate Modern Greek II. 4 points.

Prerequisites: *GRKM UN2101* or the equivalent.

Continuation of *GRKM UN2101*. Students complete their knowledge of the fundamentals of Greek grammar and syntax while continuing to enrich their vocabulary.

Spring 2020: GRKM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2102	001/13981	M W 6:10pm - 8:00pm Room TBA	Chrysanthé Filippardos	4	5/18

GRKM UN3001 Advanced Modern Greek I. 3 points.

Prerequisites: GRKM V2101 or the equivalent.

This semester we will continue to build language skills but with particular attention to speaking and writing Greek at the university level. We will focus on such topics as diaspora, history, politics, and identity. We will use materials from literature, critical essays, historiography, film, and mass media as a way to advance knowledge in Modern Greek literature and culture. In addition we will explore the diversity of Greek language as it is spoken in different regions and gain understanding of its evolution through time. Materials include: essays (Seferis, Theotokas); newspaper articles; television interviews (Flessa and Papanikolaou); advertisement; stand-up-comedy (Lazopoulos); music (art-song, *rebetika*, hip-hop); theatre (Demetriades); literature (Roides, Papadiamantis, Kazantzakis, Lymberaki, Karapanou, Galanaki, Charalambides, Chatzopoulos, Chouliaras).

GRKM UN3003 Greece today: language, literature, and culture (in Greek). 3 points.

Prerequisites: GRKM un2102

This course builds on the elements of the language acquired in GRKM1101 through 2102, but new students may place into it, after special arrangement with the instructor. It introduces the students to a number of authentic multimodal materials drawn from a range of sources which include films, literary texts, media, music etc. in order to better understand Greece's current cultural, socio-economic, and political landscape. In doing so, it aims to foster transcultural understanding and intercultural competence, while further developing the four language skills: listening, speaking, reading and writing. Topics of discussion include language, gender equality, youth unemployment, education, queer identities, refugees, and the multilayered aspects of the crisis. *Pre-requisite for this class: GRKM 2102 or placement test. Instructor's permission required if the students have not taken GRKM2102 or equivalent.*

Fall 2019: GRKM UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3003	001/48684	W 6:10pm - 8:40pm 618 Hamilton Hall	Nikolas Kakkoufa	3	6/10

GRKM UN3935 Hellenism and the Topographical Imagination. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines the way particular spaces—cultural, urban, literary—serve as sites for the production and reproduction of

cultural and political imaginaries. It places particular emphasis on the themes of the polis, the city, and the nation-state as well as on spatial representations of and responses to notions of the Hellenic across time. Students will consider a wide range of texts as spaces—complex sites constituted and complicated by a multiplicity of languages—and ask: To what extent is meaning and cultural identity, sitespecific? How central is the classical past in Western imagination? How have great metropolises such as Paris, Istanbul, and New York fashioned themselves in response to the allure of the classical and the advent of modern Greece? How has Greece as a specific site shaped the study of the Cold War, dictatorships, and crisis?

Fall 2019: GRKM UN3935

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3935	001/48713	T 2:10pm - 4:00pm 201a Philosophy Hall	Dimitrios Antoniou	3	22/25

GRKM UN3996 Readings in Modern Greek. 1 point.

Prerequisites: This course may be taken as a 1 point corequisite with GRKM GU4135, or as a separate 1 point course. The course allows students in Topics through Greek Film (GU4135) with an intermediate to advanced level of Greek to supplement their study of that course's theme through materials in Greek. Each week we will be reading short texts (excerpts from novels and essays, blogs, newspaper articles) on a theme discussed that week in GU4135.

GRKM UN3997 Directed Readings. 1-4 points.

Designed for undergraduates who want to do directed reading in a period or on a topic not covered in the curriculum.

Fall 2019: GRKM UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	001/48724		Nikolas Kakkoufa	1-4	0/5
GRKM 3997	002/48725		Dimitrios Antoniou	1-4	0/5
GRKM 3997	003/48726		Karen Van Dyck	1-4	0/5
GRKM 3997	004/48727		Stathis Gourgouris	1-4	0/5
GRKM 3997	005/48728		Paraskevi Martzavou	1-4	0/5

Spring 2020: GRKM UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	001/13982		Nikolas Kakkoufa	1-4	1/5
GRKM 3997	002/13983		Dimitrios Antoniou	1-4	0/5
GRKM 3997	003/13984		Karen Van Dyck	1-4	0/5
GRKM 3997	004/13985		Stathis Gourgouris	1-4	0/5
GRKM 3997	005/13986		Paraskevi Martzavou	1-4	0/5

GRKM UN3998 Senior Research Seminar. 1-4 points.

Designed for students writing a senior thesis or doing advanced research on Greek or Greek Diaspora topics.

Fall 2019: GRKM UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/48671		Karen Van Dyck	1-4	0/8

Spring 2020: GRKM UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/13987		Nikolas Kakkoufa	1-4	0/5

GRKM GU4135 Topics Through Greek Film. 3-4 points.

Optional 1-point bilingual guided reading.

This course explores issues of memory and trauma, public history and testimony, colonialism and biopolitics, neoliberalism and governmentality, and crisis and kinship, all through the medium of Greek film. It brings the Greek cinema canon (Angelopoulos, Gavras, Cacoyiannis, Koundouros, et al.) into conversation with the work of contemporary artists, documentary filmmakers, and the recent “weird wave” and asks: what kind of lens does film offer onto the study of a society’s history and contemporary predicament? The viewing and discussion of films is facilitated through a consideration of a wide range of materials, including novels, criticism, archival footage, and interviews with directors. The course does not assume any background knowledge and all films will have English subtitles. An additional 1-credit bilingual option (meeting once per week at a time TBD) is offered for students who wish to read, view, and discuss materials in Greek.

GRKM GU4460 Supervised Independent Research. 3 points.

All supervisors will be Columbia faculty who hold a PhD. Students are responsible for identifying their own supervisor and it is at the discretion of faculty whether they accept to supervise independent research.

Projects must be focused on Hellenic Studies and can be approached from any disciplinary background. Students are expected to develop their own reading list in consultation with their supervisor. In addition to completing assigned readings, the student must also write a Hellenic studies paper of 20 pages. Projects other than a research paper will be considered on a case-by-case basis.

Hellenic Studies is an interdisciplinary field that revolves around two main axes: space and time. Its teaching and research are focused on the study of post-classical Greece in various fields: Language, Literature, History, Politics, Anthropology, Art, Archaeology, and in various periods: Late Antique, Medieval, Byzantine, Modern Greek etc. Therefore, the range of topics that are acceptable as a Hellenic Studies seminar paper is broad. It is upon each supervisor to discuss the specific topic with the student.

The work submitted for this independent study course must be different from the work a student submits in other courses, including the Hellenic Studies Senior Research Seminar.

Fall 2019: GRKM GU4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4460	001/48673		Nikolas Kakkoufa	3	0/5
GRKM 4460	002/48729		Dimitrios Antoniou	3	0/5
GRKM 4460	003/48730		Karen Van Dyck	3	0/5
GRKM 4460	004/48731		Stathis Gourgouris	3	0/5
GRKM 4460	005/48732		Paraskevi Martzavou	3	0/5

Spring 2020: GRKM GU4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4460	001/13988		Nikolas Kakkoufa	3	0/5
GRKM 4460	003/13990		Karen Van Dyck	3	0/5
GRKM 4460	004/13991		Stathis Gourgouris	3	0/5
GRKM 4460	005/13992		Paraskevi Martzavou	3	0/5

COMPARATIVE LITERATURE-GREEK MODERN**CLGM UN3005 Dictatorships and their Afterlives . 3 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What does the investigation of a dictatorship entail and what are the challenges in such an endeavor? Why (and when) do particular societies turn to an examination of their non-democratic pasts? What does it mean for those who never experienced an authoritarian regime first-hand to remember it through television footage, popular culture, and family stories? This seminar examines dictatorships and the ways in which they are remembered, discussed, examined, and give rise to conflicting narratives in post-dictatorial environments. It takes as its point of departure the Greek military regime of 1967-1974, which is considered in relation to other dictatorships in South America, Asia, Africa, and Europe. We will be drawing on primary materials including Amnesty International reports, film, performance art, and architectural drawings as well as the works of Hannah Arendt and Günter Grass to engage in an interdisciplinary examination of the ways in which military dictatorships live on as ghosts, traumatic memories, urban warfare, litigation, and debates on the politics of comparison and the ethics of contemporary art.

CLGM UN3110 The Ottoman Past in the Greek Present . 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Almost a century after the dissolution of the Ottoman Empire, the Ottoman past lives on in contemporary Greece, often in unexpected sites. In the built environment it appears as mosques,

baths, covered markets, and fountains adorned with Arabic inscriptions. It also manifests itself in music, food, and language. Yet Ottoman legacies also shape the European present in less obvious ways and generate vehement debates about identity, nation-building, human rights, and interstate relations. In this course, we will be drawing on history, politics, anthropology, and comparative literature as well as a broad range of primary materials to view the Ottoman past through the lens of the Greek present. What understandings of nation-building emerge as more Ottoman archives became accessible to scholars? How does Islamic Family Law—still in effect in Greece—confront the European legal system? How are Ottoman administrative structures re-assessed in the context of acute socio-economic crisis and migration?

Spring 2020: CLGM UN3110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3110	001/13950	T 2:10pm - 4:00pm Room TBA	Dimitrios Antoniou	3	25/25

CLGM UN3920 WORLD RESPONDS TO THE GREEKS. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines various literary, artistic, and cultural traditions that respond to some of the most recognizable Greek motifs in myth, theater, and politics, with the aim of understanding both what these motifs might be offering specifically to these traditions in particular social-historical contexts and, at the same time, what these traditions in turn bring to our conventional understanding of these motifs, how they reconceptualize them and how they alter them. The overall impetus is framed by a prismatic inquiry of how conditions of modernity, postcoloniality, and globality fashion themselves in engagement with certain persistent imaginaries of antiquity.

Spring 2020: CLGM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3920	001/19619	T Th 1:10pm - 2:25pm Room TBA	Stathis Gourgouris	4	6/50

CLGM UN3921 The World Responds to the Greeks – Modernity, Postcoloniality, Globality- Discussion. 0 points.

This course examines various literary, artistic, and cultural traditions that respond to some of the most recognizable Greek motifs in myth, theater, and politics, with the aim of understanding both what these motifs might be offering specifically to these traditions in particular social-historical contexts and, at the same time, what these traditions in turn bring to our conventional understanding of these motifs, how they reconceptualize them and how they alter them. The overall impetus is framed by a prismatic inquiry of how conditions of modernity, postcoloniality, and globality fashion themselves in engagement with certain persistent imaginaries of antiquity.

Spring 2020: CLGM UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3921	001/19620		Stathis Gourgouris	0	2/50

CLGM GU4150 C.P. Cavafy and the poetics of desire. 4 points.

This course takes C. P. Cavafy's oeuvre as a departure point in order to discuss desire and the ways it is tied with a variety of topics. We will employ a number of methodological tools to examine key topics in Cavafy's work such as eros, power, history, and gender. How can we define desire and how is desire staged, thematized, or transmitted through poetry? How does a gay poet write about desired bodies at the beginning of the previous century? What is Cavafy's contribution to the formation of gay identities in the twentieth century? How do we understand the poet's desire for an *archive*? How important is the city for activating desire? How do we trace a poet's afterlife and how does the desire poetry transmits to readers transform through time? How does literature of the past address present concerns? These are some of the questions that we will examine during this course.

CLGM GU4450 How to do things with Homosexual #odies. 4 points.

Homosexuality, as a term, might be a relatively recent invention in Western culture but bodies that acted and appeared 'differently' existed long before that. This course will focus on acts, and not identities, in tracing the evolution of writing the homosexual body from antiquity until today. In doing so it will explore a number of multimodal materials – texts, vases, sculptures, paintings, movies etc. – in an effort to understand the evolution of the ways in which language (written, spoken or visual) registers the homosexual body in literature and culture. When we bring the dimension of the body into the way we view the past, we find that new questions and new ways of approaching old questions emerge. What did the ancient actually write about the homosexual body? Did they actually create gender non-binary statues? Can we find biographies of the lives of saints in drag in Byzantium? How did the Victorians change the way in which we understand homosexual writing in Antiquity? How is the queer body registered in Modern Greek Literature and Culture? Can one write the history of homosexuality as a history of bodies? These are some of the questions that we will examine during the semester.

Spring 2020: CLGM GU4450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 4450	001/17758	M 4:10pm - 6:00pm Room TBA	Nikolas Kakkoufa	4	10/15

CLASSICS-GREEK MODERN

CSGM UN3567 Thessaloniki Down the Ages. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will explore the fascinatingly layered and multicultural history of Thessaloniki, the great city of Northern Greece and the Balkans. We will examine texts, archaeological evidence, literature, songs, and movies and in general the materialities of the city. We will examine this material from the 6th century BCE

down to the the 21st cent. CE. We will notably think about the problems of history, identity, and cultural interaction in reaction to recent work such as Mark Mazower's well know *Salonica, City of Ghosts* [2004].

Spring 2020: CSGM UN3567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSGM 3567	001/13962	W 4:10pm - 6:00pm Room TBA	Paraskevi Martzavou	3	16/15

HISTORY-CLASSICS

HSCL UN3000 The Persian Empire . 4 points.

This seminar studies the ancient Persian (Achaemenid) Empire which ruled the entire Middle East from the late 6th to the late 4th centuries BCE and was the first multi-ethnic empire in western Asian and Mediterranean history. We will investigate the empire using diverse sources, both textual and material, from the various constituent parts of the empire and study the different ways in which it interacted with its subject populations. This course is a seminar and students will be asked to submit a research paper at the end of the semester. Moreover, in each class meeting one student will present part of the readings.

Grading: participation (25%), class presentation (25%), paper (50%).

Spring 2020: HSCL UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSCL 3000	001/12080	Th 2:10pm - 4:00pm Room TBA	Marc Van De Microop, John Ma	4	8/15

COLLOQUIA, INTERDEPARTMENTAL SEMINARS, AND PROFESSIONAL SCHOOL OFFERINGS

Occasionally, and for a variety of reasons, faculty offer courses outside of the existing structure of Arts and Sciences academic departments. Such courses may be colloquia: team-taught interdisciplinary courses; interdepartmental seminars explicitly offered by two or more academic departments; or undergraduate-specific courses offered by faculty outside of the Arts and Sciences. All of these courses may be counted toward the undergraduate degree, but it is for the faculty of each department or program to determine whether or not they can count toward a major or concentration.

INTERDEPARTMENTAL SEMINARS

CNNS UN3900 Independent Research in Nuclear Nonproliferation Studies. 1 point.

Points: 1-4

Prerequisites: The written permission of the faculty member is required. Points: 1-4

The opportunity to conduct an independent research project in nuclear nonproliferation studies is open to all majors. A product and detailed report is presented by the student when the project is completed.

Section 1: Emlyn Hughes Section 2: Ivana N. Hughes Section 3: Monica Rouco-Molina

Fall 2019: CNNS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CNNS 3900	001/17792		Emlyn Hughes	1	0
CNNS 3900	002/17793		Ivana Hughes	1	1

INSM UN3920 Nobility and Civility. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common human values and issues evident in these texts while also recognizing key cultural differences.

Fall 2019: INSM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3920	001/85406	W 2:10pm - 4:00pm HI-1 Heyman Center For Humanities	Jo Ann Cavallo, Rachel Chung	4	15/21

INSM UN3921 Nobility and Civility II. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common human values and issues evident in these texts while also recognizing key cultural differences

Spring 2020: INSM UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/11106	W 2:10pm - 4:00pm	Rachel Chung	4	24/22

HL-1 Heyman
Center For
Humanities

INSM W3950 Friendship in Asian and Western Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 22.

The colloquium studies ideals and practices of friendship in East Asia and the West. How have two great civilizations understood exemplary friendship in changing historical settings? Literary, historical, and social science approaches. Students are expected to participate actively and to write a substantial paper, working closely with one or both instructors.

INSM C3940 Science Across Cultures. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited. Open to seniors and some qualified juniors. Priority given to seniors. **Not offered during 2019-20 academic year.**

Development of scientific thought from various cultures and from antiquity till the time of the European Renaissance. Provides examples of the process by which scientific thinking has developed and illustrates that, although science may not have always developed in a linear fashion, the problems science was called upon to solve exhibited a continuity that crossed cultural, linguistic, and religious borders.

FSEB UN1020 Food and the Body. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course will use an evolutionary perspective to focus on what humans need to eat for survival and health. We will examine how and why sufficient and optimal diets can be obtained through a range of dietary patterns, and how those patterns were rooted in different geographic and cultural regions. We will also compare current patterns with those of humans from 200,000, 12,000 and 100 years ago, and where it is instructive, we will compare the food intake and food system of other animals. Throughout the course, the environmental impact of a given dietary pattern will be considered, and where possible, the economic determinants of individual food intake will be reviewed. We will incorporate a lifespan perspective throughout the course.

FSPH UN1100 FOOD, PUBLIC HEALTH & PUBLIC POLICY. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

The course will provide an introduction to the science, policy, politics, and economics related to food as a critical element of public health. The course will have a primary focus on the US, but will include a global perspective. Students will learn and apply the fundamentals of public health scientific research methods and theoretical approaches to assessing the food landscape through a public health lens. In addition, the course will cover how nutrition – at first glance a matter of individual choice – is determined by an interconnected system of socio-economic-environmental influences, and is influenced by a multitude of

stakeholders engaged in policymaking processes. The course will be structured into four “themes”: 1) Why food is a public health priority, 2) Evidence, causal inference and measurement and its role in understanding and designing public health research on food, 3) The food environment, and 4) Change agents and levers: individuals, policy, and politics in food and public health.

The course will use a systems thinking approach and systems thinking tools to examine and understand the interconnectedness of the social, economic, environmental, political and economic influences and consequences that affect food and public health. This course partially fulfills the Science Requirement as a science course for non-science majors.

CGTH UN3401 Seminar in Global Thought: Inquiries into an Interconnected World. 4 points.

This course on global thought will consider the ways in which we think about, debate, and give meaning to the interconnected world in which we live. In thematically focused collaborative teams, students will examine how the flows of people, things and ideas across national borders both connect our world and create uneven consequences within and among communities. We will locate ourselves in these processes, suggesting we need go no further than our closets, tables, and street corners to consider the meanings of globalization and our roles in the world today. This course has been approved to partially satisfy the Global Core requirement.

Fall 2019: CGTH UN3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CGTH 3401	001/20363	W 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Laura Neitzel	4	25/28

CGTH UN3402 Topics in Global Thought: Global 20-Youth in an Interconnected World. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What does it mean to be 20 years old in our rapidly changing, interconnected world? There are more youth (aged 15-25) in the world today than at any other time in history, with the majority living in the developing world. They approach adulthood as the world confronts seismic shifts in the geopolitical order, in the nature and future of work, and in the ways we connect with each other, express identity, engage politically, and create communities of meaning. What unique challenges and opportunities confront young people after decades of neoliberal globalization? What issues are most pressing in developing nations experiencing a “youth bulge” and how do they compare to developed nations with rapidly aging populations? How do young people envision their futures and the future of the world they are inheriting? This course will examine recent scholarship while engaging the young people in the class to define the agenda and questions of the course, and to conduct their own research. This course is part of the Global Core curriculum.

“Global 20” complements a new research project of the Committee on Global Thought, “Youth in a Changing World,”

which investigates from the perspective of diverse participants and of young people themselves, the most pressing issues confronting young people in the changing world today. The course will serve as an undergraduate “lab” for the project, and among other involvements, students in the course will help conceive, plan, and take part in a NYC-wide “Youth Think-In” sponsored by the CGT during the Spring 2018 semester. Within the course, students will become “regional experts” and examine the primary themes of the class through the prism of specific areas or nations of their choosing. A final class project includes a “design session” that will consider how universities might better train and empower youth to confront the challenges and embrace the opportunities of our interconnected world of the 21st century.

Spring 2020: CGTH UN3402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CGTH 3402	001/16247	W 12:10pm - 2:00pm Room TBA	Laura Neitzel	4	29/28

PROFESSIONAL SCHOOL OFFERINGS

JOUR UN3100 Journalism and Public Life. 3 points.

An introduction to the conventions, traditions, values, assumptions, and arguments that have shaped the institution of journalism and its central role in public life. Through close readings/viewings of current and classic works of journalism as well as secondary sources, we explore some of the Big Questions: What is journalism for? What is its role in public life, and how has that changed over time? Is objectivity dead—or should it be? How have new technologies affected our expectations? Is sensationalism bad for you? What is the future of journalism? The focus is on the American experience from the colonial era to the present day, though we will also draw comparisons with international developments.

Spring 2020: JOUR UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JOUR 3100	001/12738	T Th 1:10pm - 2:25pm Room TBA	Andie Tucher, Michael Schudson	3	36/40

PUBH UN3100 Fundamentals of Global Health. 3 points.

Many of the greatest challenges in public health are global. This course uses a multidisciplinary approach to discuss the major underlying determinants of poor health and the relationship between health and political, social and economic development. Drawing upon the sciences, social sciences, and humanities, students will be introduced to the evolution of modern approaches to the setting of global health priorities, the functions and roles of health systems, an overview of current global health practices, and the major institutional players in global health. The first unit of the class will focus on establishing the foundations for a public health approach to understanding the challenges of global health. This will involve exploration of the factors shaping the global distribution of disease and their connection with issues

of social, economic, and political development, as reflected in the Millennium Development Goals. The second unit will explore in further detail a number of major health priorities. A significant goal of the class will be to identify common sources of vulnerability and challenge across health risks, and the consequent need for a systemic approach to their being addressed. The third and final unit builds upon this analysis to demonstrate the multi-disciplinary, multi-level approach required to effectively address global health priorities, and the political and organizational cooperation required to achieve this. The class concludes with an analysis of the major challenges and threats to global coordination regarding such threats as pandemic influenza and emerging health threats related to climate change. Offered in the spring.

Spring 2020: PUBH UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3100	001/12342	M W 4:10pm - 5:25pm Room TBA	Rachel Moreshky	3	100/100

PUBH UN3200 Introduction to Public Health. 3 points.

An introduction to and overview of public health. Through a series of sessions with leading public health experts, this course views the multifaceted nature of public health through a prismatic lens addressing key concepts, approaches, and issues of historical and contemporary import: What is public health and how has public health evolved over time? What are the core methods of public health? What are the approaches to understanding and addressing both infectious and chronic, non-communicable diseases? What role do micro- and macro-level determinants (i.e., biology and social context) play in public health? What are the global trends in population health? How does the individual life course bear on population health? How do systems, policy, and population health mutually shape each other? How are public health programs designed and evaluated? What are the limits of public health?

PUBH GU4100 (Y)our Longer Life. 3 points.

People are living 30 years longer than we did 100 years ago. We have created a whole new stage of life. How do we prepare to benefit from our longer lives? What can you do in your own life? This course explores the personal, population, community, and societal dimensions of our now-longer lives, of aging itself, and the role of health and societal design in the experience of aging. The course examines the meaning of aging and the attendant expectations, myths, fears, and realities. The course examines an aging society as a public health success, the potential for building health futures, the health plan you want to be healthy in old age, and the potential for longer lives and how we unlock it. It addresses the roles public health currently plays and can play in shaping a society for an aging population. The course explores how a public health system—indeed, a society—optimized for an aging population stands to benefit all. The course also examines the physical, cognitive, and psychological aspects of aging, the exposures across our lives that affect these, the attributes and challenges of aging, keys to successful aging, and aging around the globe. The culminating project will design elements of our

society that are needed to support the opportunity of having longer lives. This course comprises lectures, class discussions, individual assignments, in-class case activities, and a group project in which students shall take an active role. You will be responsible for regular preparatory assignments, writing assignments, one group project, and attending course sessions. Please note: GSAS students must receive permission from their department before registering for this course.

Spring 2020: PUBH GU4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 4100	001/16354	T Th 4:10pm - 5:25pm Room TBA	Dana March	3	62/100

COMPARATIVE LITERATURE AND SOCIETY

Program Office: B-101 Heyman Center, East Campus; 212-854-4541; icls@columbia.edu
<http://icls.columbia.edu> (<http://icls.columbia.edu/>)

Director: Prof. Lydia Liu, 407 Kent Hall; 212-854-5631; ll2410@columbia.edu

Associate Director: Associate Prof. Anupama Rao, Barnard Hall 2nd Floor, Lefrak 226; 212-854-8547; arao@barnard.edu

Director of Undergraduate Studies: L. Maria Bo, Lecturer in Discipline; B106 Heyman Center, East Campus; 212-854-4541; lmb2204@columbia.edu

Director of Medicine, Literature and Society Major track: Assistant Prof. of Medicine Rishi Goyal; B106 Heyman Center, East Campus; 212-854-4541; rkg6@cumc.columbia.edu

Assistant Director: Sarah Monks, B-102 Heyman Center, East Campus; 212-854-8850; sm3373@columbia.edu

Established at Columbia in 1998, the Institute for Comparative Literature and Society (ICLS) (<http://icls.columbia.edu>) promotes a global perspective in the study of literature and its social context. Committed to cross-disciplinary study of literary works, the Institute brings together the rich resources of Columbia in the various literatures of the world; in the social sciences; in art history, architecture, and media; and in the medical humanities.

The major program at ICLS allows qualified students to study literature, culture, and society with reference to material from several national traditions, or in combination of literary study with comparative study in other disciplines in the humanities and social sciences. Under the guidance of the director of undergraduate studies, students select courses offered by participating departments.

The program is designed for students whose interest and expertise in languages other than English permit them to work comparatively in several national or regional cultures. The course of study differs from that of traditional comparative literature programs, both in its cross-disciplinary nature and in its expanded geographic range, including not just European, but also Asian, Middle Eastern, African, and Latin American cultures.

The program includes course work in the social sciences, and several core courses are jointly taught by faculty from different disciplines. Students thus explore a variety of methodological and disciplinary approaches to cultural and literary artifacts in the broadest sense. The cross-disciplinary range of the program includes visual and media studies; law and the humanities; medicine and the humanities; and studies of space, cities, and architecture. As a major or concentration, this program can be said to flow naturally from Columbia's Core Curriculum, which combines literature, art, philosophy, and social thought, and consistently attracts some of Columbia's most ambitious and cosmopolitan students.

Students can choose to complete the major in Comparative Literature and Society (CLS) or the major track in Medicine, Literature, and Society (MLS). Currently, the MLS track is not available for the concentration.

Given the wide variety of geographic and disciplinary specializations possible within the major and concentration, students construct their course sequence in close collaboration with the director of undergraduate studies. All students, however, share the experience of taking the course CPLS UN3900 Introduction to Comparative Literature and Society in their sophomore year, as well as the required senior seminar in the fall of their last year in the program. The ICLS major and concentration are designed for students interested in the cross-disciplinary and cross-cultural study of texts, traditions, media, and discourses in an increasingly transnational world.

Students planning to apply for admission to the CLS major, the MLS major track, or the CLS concentration should organize their course of study in order to complete the following prerequisites by the end of the sophomore year:

1. Preparation to undertake advanced work in one foreign language, to be demonstrated by completion of two introduction to literature courses, typically numbered 3333-3350.
2. Completion of at least four terms of study of a second foreign language or two terms in each of two foreign languages.
3. Enrollment in CPLS UN3900 Introduction to Comparative Literature and Society in the spring semester of the sophomore year.

Information about admission requirements and application to the major or concentration can be found at <http://icls.columbia.edu/programs/undergraduate-admissions/>. Students are advised to meet with the director of undergraduate studies before submitting

the statement of purpose for the application. Applications are due in early January of the sophomore year.

DEPARTMENTAL HONORS

To be eligible for departmental honors, students must have a minimum grade point average of 3.6 for courses in the major. Departmental honors will be conferred only on students who have submitted a superior senior thesis that clearly demonstrates originality and excellent scholarship. Note that the senior thesis is not required for the major. For information on the honors program, see <http://icls.columbia.edu/programs/departamental-honors/>.

Executive Committee of ICLS L. Maria Bo (English and Comparative Literature) Bruno Bosteels (Latin American and Iberian Cultures) Souleymane Bachir Diagne (French and Romance Philology) Madeleine Dobie (French and Romance Philology) Brent Hayes Edwards (English and Comparative Literature, Jazz) Matthew Engelke (Religion) Stathis Gourgouris (Classics, English and Comparative Literature) Rishi Kumar Goyal (Emergency Medicine) Bernard Harcourt (Columbia Law School) Gil Hochberg (Middle Eastern, South Asian, and African Studies and IRWGS) Seth Kimmel (Latin American and Iberian Cultures) Lydia H. Liu (East Asian Languages and Cultures) David B. Lurie (East Asian Languages and Cultures) Anupama P Rao (History, Barnard) Felicity Scott (Architecture) Oliver Simons (Germanic Languages) Joseph Slaughter (English and Comparative Literature) Gayatri Chakravorty Spivak (University Professor of the Humanities) Dennis Tenen (English and Comparative Literature) Jesus R. Velasco (Latin American and Iberian Cultures)

GUIDELINES FOR ALL ICLS MAJORS AND CONCENTRATORS

Requirements for the major and concentration in Comparative Literature and Society were updated in February 2019; please contact the director of undergraduate studies with any questions.

An application worksheet can be found on our website (<http://icls.columbia.edu/programs/undergraduate-admissions/>). Applications are due in early January of a student's sophomore year. At the time of application, students interested in the major (including the major track in Medicine, Literature, and Society) or concentration must have met these requirements:

1. Foreign language 1: four semesters of language training (or equivalent) and two semesters of introductory literature courses, typically numbered 3330-3350;
2. (CLS Majors only) Foreign language 2: four semesters of one language or two semesters of two languages;
3. CPLS UN3900 Introduction to Comparative Literature and Society, usually taken in the spring of the sophomore year;
4. A focus statement, 1-2 pages in length. The focus is a period, theme, problem, movement, etc., that is explored from an interdisciplinary and/or a comparative perspective. Faculty understand that this statement is a work in progress, but that

it serves as a useful guide to students' academic pursuits and course selection.

MAJOR IN COMPARATIVE LITERATURE AND SOCIETY

The major in Comparative Literature and Society consists of a minimum of 33 points or 11 courses, distributed as follows. Courses taken to fulfill the application requirements do not count toward the major. With the exception of courses taken to satisfy the global core requirement, double counting of courses to the CPLS major and another program or university requirement must be approved by the DUS. Requirements for the major and concentration in Comparative Literature and Society were updated in February 2019; please contact the director of undergraduate studies with any questions.

1. CPLS UN3900 Introduction to Comparative Literature and Society, required for all majors and normally taken in the spring of the sophomore year;
2. Advanced courses as follows (please note that one course may be used to fulfill two of the advanced course requirements):
 - **Two courses** with a CPLS designator. CLxx courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
 - **Two seminars** in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
 - **Two courses** requiring readings in a language other than English. (The two courses don't have to be in the same foreign language) (6-8 points)
 - **Two courses** focusing on a specific national or regional literature or culture, chosen from any discipline (The two courses should focus on the same nation/region) (6-8 points)
 - **Two elective courses** reflecting the student's intellectual interests. The senior thesis may be counted toward this requirement. Additional foreign language study may also be counted with DUS approval (6-8 points)
3. CPLS UN3991 Senior Seminar in Comparative Literature and Society
4. Senior thesis (optional).

MAJOR TRACK IN MEDICINE, LITERATURE, AND SOCIETY

The major track in Medicine, Literature, and Society requires 39 points (15 courses.) Note that language courses taken to fulfill the application requirements 1 above do not count toward the

required points for the major. Students interested in the track are strongly encouraged to fulfill their science requirement with classes in human biology (e.g., *Human Species, Genes and Development*) or human psychology (e.g., *Mind, Brain, and Behavior*).

1. CPLS UN3900 Introduction to Comparative Literature and Society, required for all ICLS majors and normally taken in the spring of the sophomore year
2. Advanced courses as follows (please note that one course may be used to fulfill two of the advanced course requirements):
 - **Three courses** with a CPLS designator, or courses designated as comparative in nature by the various language-literature or social science departments (i.e., CL-- courses)
 - **Three courses** within a given department/discipline that address the student's focused interest (Literature and Medicine; Medical Anthropology; History of Medicine/Public Health) but most importantly develop the methodological skills of that discipline
 - **Two courses** requiring readings in a language other than English, preferably conducted in the target language and for which written assignments are composed in the language as well
 - **Four courses** in interdisciplinary studies that address the nexus of the student's interests (Literature and Medicine; Medical Anthropology; History of Medicine/Public Health) OR an individual area of specialization (e.g., Disability Studies; Neuroscience and the Human; Technology Studies; Discourses of the Body; Biopolitics; Bioethics; etc.)
 - **One course** of engaged scholarship/service learning/independent project (this may be fulfilled by appropriate study abroad and/or study elsewhere in the US)
3. CPLS UN3992 Senior Seminar in Medicine, Literature, and Society or CPLS UN3991 Senior Seminar in Comparative Literature and Society
4. Senior thesis (optional).

CONCENTRATION IN COMPARATIVE LITERATURE AND SOCIETY

The concentration in Comparative Literature and Society consists of a minimum of 27 points or 9 courses, distributed as follows. Please note that courses taken to fulfill the application requirements do not count toward the major. With the exception of courses taken to satisfy the global core requirement, any double counting of courses to the CPLS major and another program or university requirement must be approved by the DUS. Requirements for the major and concentration in Comparative Literature and Society were updated in February

2019; please contact the director of undergraduate studies with any questions.

1. *CPLS UN3900 Introduction to Comparative Literature and Society*, normally taken in the spring of the sophomore year;
2. Advanced courses as follows:
 - Two courses with a CPLS designator. CL-- courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
 - Two seminars in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
 - Two courses requiring readings in a language other than English (the two courses don't have to be in the same foreign language) (6-8 points)
 - One course focusing on a specific national or regional literature or culture, chosen from any discipline (3-8 points)
 - Senior Seminar in Comparative Literature and Society (CPLS V3991)

The senior seminar is taken in fall semester of the senior year. Students explore three areas of contemporary reflection in the field of comparative literature and society. Topics change yearly and are aligned with current ICLS research projects. Recent examples include: Bandung Humanism; Global Language Justice; A Safer Online Public Square

- (Optional) Senior Thesis (CPLS 3995) (3 points)

Students sign up for thesis credits (CPLS 3995) in the spring semester of the senior year but should begin to prepare in the fall semester. They work with an adviser from the Columbia/Barnard faculty who oversees the project and assigns the final grade. The DUS of ICLS is the second reader for all projects. The thesis must be a minimum of 35 pages double-spaced and must include footnotes and a bibliography. Translations, creative work and multi-media projects can be submitted with the prior approval of the DUS. These must be accompanied by an introduction that situates the project intellectually. The thesis should be written in English unless a student receives permission from the DUS to write in another language. Note that the completed thesis is submitted before the end of the spring semester, usually by April 15. The thesis is considered as a 3-point course. It may be counted in lieu of a course taken to meet requirements 2, 3, 4, or 5.

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but

also that it serves as a useful guide to the student's academic pursuits and course selection.

Comparative Literature and Society concentration students should also consider the Barnard College course offerings in Comparative Literature. They are also strongly encouraged to avail themselves of the opportunity to study abroad.

SPRING 2020 COURSES

CLCV UN3005 RACE AND ETHNICITY IN THE GRECO-ROMAN WORLD. 3 points.

This course provides an introduction to ancient attitudes towards race and ethnicity. Students will be challenged to consider how categories of race and ethnicity are presented in the literature and artistic works of Greece and Rome, and how ancient thinking remains current and influential today. We will consider texts from antiquity including epic, history, medical texts, ethnographies, dramas, and novels, as well as material evidence intended to represent 'foreignness'. Our case studies pay particular attention to concepts including notions of racial formation and racial origins, ancient theories of ethnic superiority, and linguistic, religious and cultural differentiation as a basis for ethnic differentiation. We will also examine ancient racism through the prism of a variety of social processes in antiquity, such as slavery, trade and colonization, migrations, imperialism, assimilation, native revolts, and genocide. By the end of the course, students will have gained a richer understanding of the intellectual and cultural history of the ancient world, and will be able to engage in discussions of identity construction in a comparative manner.

Spring 2020: CLCV UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3005	001/14460	M W 2:40pm - 3:55pm Room TBA	Marcus Folch	3	14/60

ARCH UN3117 Modern Architecture in the World. 3 points.

Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor. How has architecture been "modern"? This course will introduce students to things, practices, figures, and ideas behind this contentious and contradictory concept, emerging in multiple locations around the world. Students in this course will learn about architecture as it was practiced, taught, thought, and experienced across landscapes of social and cultural difference during the past two centuries. Learning about the past through historical consciousness around architecture and investigating the history of architecture as a discursive field are fundamental to liberal arts thinking generally, and important for students in architecture, the history and theory of architecture, art history, and urban studies. Students in this course will be introduced to:

Architecture as enmeshed with other forms of cultural production

Culturally-specific intellectual and public debates around the architectural and urban

Makers, thinkers, and organizers of the designed or built environment

Geographies, territories, and mobilities associated with architecture as an end or means for material extraction, refinement, trade, labor, and construction

Sites, institutions, media, events, and practices which have come to hold meaning

Modernity, modernism, and modernization in relation to each other, as social, cultural, and technological drivers holding stakes for past events as well their histories.

In this course, we will ask questions about ideas and practices within disparate socially-and culturally-constructed worlds, and across other asymmetries. For example, can we draw a coherent historical thread through Lisbon in 1755, Bombay in 1854, Moscow in 1917, the moon in 1969, and al-Za'atari refugee camp in 2016? Are such narratives of coherence themselves the trace of the modernist impulse in architectural history? In this course, we will study modern architecture's references to an art of building as well the metaphors it gives rise to. Embedded in this examination are social and cultural questions of who made and thought modern architecture, and aesthetic and historical questions around the figure of the architect.

Spring 2020: ARCH UN3117

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3117	001/00589	T Th 1:10pm - 2:25pm Room TBA	Anooradha Siddiqi	3	44

CPLS UN3454 Blood/Lust: Staging the Early Modern Mediterranean [in English]. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines, in sixteenth and seventeenth century Spain and England (1580-1640), how the two countries staged the conflict between them, and with the Ottoman Empire; that is, how both countries represent national and imperial clashes, and the concepts of being "Spanish," "English," or "Turk," as well as the dynamic and fluid identities of North Africa, often played out on the high seas of the Mediterranean with Islam and the Ottoman Empire. We will consider how the Ottoman Empire depicted itself artistically through miniatures and court poetry. The course will include travel and captivity narratives from Spain, England, and the Ottoman Empire.

Spring 2020: CPLS UN3454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3454	001/14163	T 12:10pm - 2:00pm Room TBA	Patricia Grieve	4	22/20

CLGR UN3536 Culture at the Margins: Literature and Film in the German Borderlands. 0 points.

In this course, we will investigate the twentieth and twenty-first century borders of the German-speaking world as portrayed in

literature and film. Rather than focus on the abstract borderlines that separate geopolitical entities, we will make recourse to the notion of the 'borderlands' as the meeting place or point of collision between different traditions, classes, races, and ways of life. With the aid of literature, film, and theory, we will treat the borderland as a particularly opportune site from which to approach the following questions: How are borders or dividing lines constructed in both material reality and thought? How do the restrictions associated with the border manifest themselves in private life, administering the sexuality, language, and bodies of individuals? What styles or genres tend to proliferate in the margins? What is Germany or the German-speaking world, and is it even accurate to call these borderlands "German"? Authors include Bachmann, Handke, Kafka, Müller, Roth, and Tokarczuk, alongside theorists such as Deleuze, Derrida, and Kristeva. No prior knowledge of German or theory required.

Spring 2020: CLGR UN3536

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 3536	001/12349	W 4:10pm - 6:00pm Room TBA	Alexander Holt	0	13/15

CPLS UN3900 Introduction to Comparative Literature and Society. 3 points.

Introduction to concepts and methods of comparative literature in cross-disciplinary and global context. Topics may include: oral, print, and visual culture; epic, novel, and nation; literature of travel, exile, and diaspora; sex and gender transformation; the human/inhuman; writing trauma; urban imaginaries; world literature; medical humanities. Open only to students intending to declare a major in Comparative Literature and Society or Medicine, Literature, and Society in Spring 2017.

Spring 2020: CPLS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3900	001/14183	T 2:10pm - 4:00pm Room TBA	Oliver Simons	3	40/40

CPLS UN3995 Senior Thesis on Comparative Literature and Society. 3 points.

Students who decide to write a senior thesis should enroll in this tutorial. They should also identify, during the fall semester, a member of the faculty in a relevant department who will be willing to supervise their work and who is responsible for assigning the final grade. The thesis is a rigorous research work of approximately 40 pages (including a bibliography formatted in MLA style). It may be written in English or in another language relevant to the student's scholarly interests. The thesis should be turned in on the announced due date as hard copy to the Director of Undergraduate Studies.

Spring 2020: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/14184		Lamyu Bo	3	10/20

CPLS UN3997 Independent Study-Undergrad. 1-3 points.

Independent Study (set up for MLS service learning)

Fall 2019: CPLS UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3997	002/18175		Alfred Mac Adam	1-3	1/1

POLS GU4110 Recent Continental Political Thought. 4 points.

This course will compare and contrast the theories of the political, the state, freedom, democracy, sovereignty and law, in the works of the following key 20th and 21st century continental theorists: Arendt, Castoriadis, Foucault, Habermas, Kelsen, Lefort, Schmitt, and Weber. It will be taught in seminar format.

Spring 2020: POLS GU4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4110	001/14458	W 2:10pm - 4:00pm 711 International Affairs Bldg	Jean Cohen	4	28/25

CLGR GU4130 Literary Theories: From Nietzsche to Agamben. 3 points.

A survey of the most influential literary theories of the twentieth century, this seminar will discuss seminal contributions to hermeneutics, psychoanalysis, structuralism, deconstruction, discourse analysis, and gender theory. Each section will juxtapose two representative authors whose texts either complement or contradict one another. Based on close readings of exemplary texts, we will explore basic concepts of these theories and examine their intersections and differences. A second focal point of the seminar will be on applications of theory to literature. We will analyze their reformulation as methodologies in literary studies and discuss how they influenced different approaches to literature. The aim of the seminar will ultimately be to scrutinize critically these "applications" of theory to literature. Readings and discussions in English. No prior knowledge of literary theories required.

Spring 2020: CLGR GU4130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 4130	001/12347	Th 2:10pm - 4:00pm Room TBA	Oliver Simons	3	35/40

CLRS GU4191 A Specter Haunting Europe: Radical Thought from the French Revolution to Russian. 3 points.

This course is an introduction to radical thought in Europe across the long nineteenth century from the French to the Russian revolutions. This period marks the entrance of the lower orders onto the political stage—and not merely in moments of revolt, but as a permanent presence around which politics and government subsequently must needs orient, and not merely to be recorded in the texts of their aristocratic enemies, but as inspiring and expositing their own political doctrines. Nineteenth century political thought is usually reduced to a list of liberal authors, with the exception of Marx, whose work then stands in

for all of radicalism. But in this course we will study a variety of seldom read texts by often forgotten radical democratic, socialist, and anarchist writers from France, Great Britain, Germany, and Russia. Readings may be drawn from the writings of such figures as Babeuf and the *Enragés*, Proudhon, Saint-Simon and his followers, Hess, Feuerbach, Owen and popular political economy, the Chartists, Blanqui, Russian populists and terrorists, Bakunin, Kautsky, Luxemburg, Bernstein, and Lenin. This class is open to graduate students, who will also be expected to read and engage with secondary literature, and any undergraduate who has taken a class in political thought (such as *Contemporary Civilization*).

Spring 2020: CLRS GU4191

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4191	001/15979	T Th 10:10am - 11:25am Room TBA	Adam Leeds	3	20/45

CLPS GU4201 Post-Freud. 4 points.

This course examines psychoanalytic movements that are viewed either as post-Freudian in theory or as emerging after Freud's time. The course begins by considering the ways Freud's cultural and historical surround, as well as the wartime diaspora of the European psychoanalytic community, shaped Freudian and post-Freudian thought. It then focuses on significant schools and theories of psychoanalysis that were developed from the mid 20th century to the present. Through readings of key texts and selected case studies, it explores theorists' challenges to classical thought and technique, and their reconfigurations, modernizations, and total rejections of central Freudian ideas. The course concludes by looking at contemporary theorists' moves to integrate notions of culture, concepts of trauma, and findings from neuroscience and attachment research into the psychoanalytic frame.

Spring 2020: CLPS GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4201	001/13915	M 2:10pm - 4:00pm Room TBA	Karen Seeley	4	14/15

CLGM GU4300 Retranslation: Worlding C. P. Cavafy. 4 points.

Focusing on a canonical author is an immensely productive way to explore translation research and practice. The works of Sappho, Dante, Rilke, Césaire or Cavafy raise the question of reception in relation to many different critical approaches and illustrate many different strategies of translation and adaptation. The very issue of intertextuality that challenged the validity of author-centered courses after Roland Barthes's proclamation of the death of the author reinstates it if we are willing to engage the oeuvre as an on-going interpretive project. By examining the poetry of the Greek Diaspora poet C. P. Cavafy in all its permutations (as criticism, translation, adaptation), the Cavafy case becomes an experimental ground for thinking about how a canonical author can open up our theories and practices of translation. For the final project students will choose a work by an author with a considerable body of critical work and translations and, following the example of Cavafy and his translators, come up with their own retranslations.

Among the materials considered are commentary by E. M. Forster, C. M. Bowra, and Roman Jakobson, translations by Edmund Keeley and Philip Sherrard, James Merrill, Marguerite Yourcenar, and Daniel Mendelsohn, poems by W.H. Auden, Lawrence Durrell, and Joseph Brodsky, and visual art by David Hockney, and Duane Michals

Spring 2020: CLGM GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 4300	001/17130	T 6:10pm - 8:00pm 618 Hamilton Hall	Karen Van Dyck	4	1/15

CPLS GU4315 Multilingual Technologies and Language Diversity. 4 points.

Innovations in digital technologies have shown their potential to be at times breathtakingly beneficial, and at others divisive or troubling. With regard to digital technologies' impact on the ecosystem of language diversity, evidence suggests that new technologies are one contributor to the decline and predicted extinction of 50-90% of the world's languages this century. Yet digital innovations supporting a growing number of languages also have the potential to bolster language diversity in ways unimaginable a few years ago. Will innovations in multilingual natural language processing bring about a renaissance of language diversity, as users no longer need to rely on English and other dominant languages? To address this question, this course will introduce a dual view on language diversity: 1) a typology of language vitality and endangerment and 2) a resource-centric typology (low-resource vs. high-resource) regarding the availability of data resources to develop computational models for language analysis. This course will address the challenge of scaling natural language processing technologies developed mostly for English to the rich diversity of human languages. The resource-centric typology will also contribute to the dialogue of what is "Data Science." Much research has been dedicated to the "Big Data" scenario; however "Small Data" poses equally challenging problems, which this course will highlight. This course brings data and computational literacy about multilingual technologies to humanities students, while also exposing computer science and data science students to ethical, cultural, business, and policy issues within the context of multilingual technologies.

Spring 2020: CPLS GU4315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4315	001/15796	F 1:10pm - 3:40pm Room TBA	Smaranda Muresan, Isabelle Zaugg	4	10/20

CPLS GU4320 Marginalization in Medicine: A Practical Understanding of the Social Implications of Race. 4 points.

There is a significant correlation between race and health in the United States. People of color and those from underserved populations have higher mortality rates and a greater burden of chronic disease than their white counterparts. Differences in health outcomes have been attributed to biological factors as race has been naturalized. In this class we will explore the

history of the idea of “race” in the context of changing biomedical knowledge formations. We will then focus on the impact that social determinants like poverty, structural violence, racism and geography have on health. Ultimately, this course will address the social implications of race on health both within the classroom and beyond. In addition to the seminar, there will also be a significant service component. Students will be expected to volunteer at a community organization for a minimum of 3 hours a week. This volunteer work will open an avenue for students to go beyond the walls of their classrooms while learning from and positively impacting their community.

Spring 2020: CPLS GU4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4320	001/20082	W 10:10am - 12:00pm Room TBA	Samuel Roberts	4	0/25

CSER GU4340 Visionary Medicine: Racial Justice, Health and Speculative Fictions. 4 points.

In Fall 2014, medical students across the U.S. staged die-ins as part of the nationwide #blacklivesmatter protests. The intention was to create a shocking visual spectacle, laying on the line “white coats for black lives.” The images were all over social media: students of all colors, dressed in lab coats, lying prone against eerily clean tile floors, stethoscopes in pockets, hands and around necks. One prone student held a sign reading, “Racism is Real.” These medical students’ collective protests not only created visual spectacle, but produced a dynamic speculative fiction. What would it mean if instead of Michael Brown or Eric Garner or Freddie Gray, these other, more seemingly elite bodies were subjected to police violence? In another viral image, a group of African American male medical students from Harvard posed wearing hoodies beneath their white coats, making clear that the bodies of *some* future doctors could perhaps be more easily targeted for state-sanctioned brutality. “They tried to bury us,” read a sign held by one of the students, “they didn’t realize we were seeds.” Both medicine and racial justice are acts of speculation; their practices are inextricable from the practice of imagining. By imagining new cures, new discoveries and new futures for human beings in the face of illness, medicine is necessarily always committing acts of speculation. By imagining ourselves into a more racially just future, by simply imagining ourselves any sort of future in the face of racist erasure, social justice activists are similarly involved in creating speculative fictions. This course begins with the premise that racial justice is the bioethical imperative of our time. It will explore the space of science fiction as a methodology of imagining such just futures, embracing the work of Asian- and Afroturism, Cosmos Latinos and Indigenous Imaginaries. We will explore issues including Biocolonialism, Alien/nation, Transnational Labor and Reproduction, the Borderlands and Other Diasporic Spaces. This course will be seminar-style and will make central learner participation and presentation. The seminar will be inter-disciplinary, drawing from science and speculative fictions, cultural studies, gender studies, narrative medicine, disability studies, and bioethics. Ultimately,

the course aims to connect the work of science and speculative fiction with on the ground action and organizing.

Spring 2020: CSER GU4340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4340	001/50621	W 10:10am - 12:00pm 420 Hamilton Hall	Sayantani DasGupta	4	20/20

CLPS GU4420 The Creative Self: Autofiction, Psychoanalysis, Neuroscience. 4 points.

Fictional autobiography, or autofiction, forces us to question our assumptions about the links between creativity, truth, and authenticity. Can one invent, or create, one’s own story? It is possible to write the truth of our selves, by creating it? Intriguingly, a process much like autofictional writing is at the heart of modern psychoanalytic technique — and research in neuroscience increasingly suggests that the human brain’s potential to morph and adapt might be instrumental to human mentation as we know it. Might it be possible, then, to invent our way to a healthier narrative, to a different life of the mind, or even, perhaps, to a different neural life? This course explores creativity and self-alteration broadly in three parallel but distinct domains: autofiction, object-relations psychoanalysis and neuroscience. At one level, this is a course about the theories of creativity revealed and implied by the peculiar art-form of autofictional writing, by contemporary psychotherapeutic techniques, and by discoveries pertaining to neural plasticity. At another level, this is a course about interdisciplinary itself. We will seek to understand when and how these three disciplines can be used together to create a rich and multilayered understanding of the problem of human creativity, without resorting to simplistic mergers and crude forms of reductionism. Literary readings to include Wilfred Bion, Christine Brooke-Rose, Marguerite Duras, Chris Kraus, Maggie Nelson, Luisa Passerini and others.

Spring 2020: CLPS GU4420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4420	001/14166	Th 6:10pm - 8:00pm Room TBA	Valerio Amoretti	4	22/20

CLGM GU4450 How to do things with Homosexual #odies. 4 points.

Homosexuality, as a term, might be a relatively recent invention in Western culture but bodies that acted and appeared ‘differently’ existed long before that. This course will focus on acts, and not identities, in tracing the evolution of writing the homosexual body from antiquity until today. In doing so it will explore a number of multimodal materials – texts, vases, sculptures, paintings, movies etc. – in an effort to understand the evolution of the ways in which language (written, spoken or visual) registers the homosexual body in literature and culture. When we bring the dimension of the body into the way we view the past, we find that new questions and new ways of approaching old questions emerge. What did the ancient actually write about the homosexual body? Did they actually create gender non-binary statues? Can we find biographies of the lives of saints in drag in

Byzantium? How did the Victorians change the way in which we understand homosexual writing in Antiquity? How is the queer body registered in Modern Greek Literature and Culture? Can one write the history of homosexuality as a history of bodies? These are some of the questions that we will examine during the semester.

Spring 2020: CLGM GU4450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 4450	001/17758	M 4:10pm - 6:00pm Room TBA	Nikolas Kakkoufa	4	10/15

CLPS GU4510 Jacques Lacan: An introduction to his work . 4 points.

Jacques Lacan (1901 – 1981) was without any doubt the most influential psychoanalyst since Sigmund Freud. A meticulous yet inventive reader of the founder of psychoanalysis, he opened himself up to a panoply of sciences, philosophies, and other discourses as well as to political events and social phenomena in order to attune psychoanalysis not only to its own internal exigencies but also to those that he considered to be the ones of his time.

We will read Lacan according to this double exigency: to formalize anew its own logic, methodology, and construction of objects, which proceed “*sui generis*” as Freud said; and to put them in friction with some of the phenomena and structural determinants of what seems to impose itself on us today: the erosion of discourse as social bond in a time of an ever increasing number of displaced people; a radical change of the status of speech and the “letter”—as well as literature—in the hyper-digitalized world; the renewed enigma of sex and bodily enjoyment in the context of a tele-techno-medical science becoming increasingly autonomous; the status of “nature” as that what might survive only in being destroyed. In short: What concepts are needed to think the “unconscious” today?

The course will be proposed as an introduction to Lacan for which no previous acquaintance with his work is required. It will cover texts and seminars from all the periods of his work with a focus on the those from the 1970s.

Spring 2020: CLPS GU4510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4510	001/19440	Th 4:10pm - 6:00pm Room TBA	Marcus Coelen	4	20/20

CPLS GU4802 Contradictions of Care: From Intimacy to Institution. 0 points.

Care is central to the interpersonal claim that is made by the other. It is a response that recognizes and satisfies a need. Care can be motivated by pain and sorrow, but also by desire and the desire for recognition. But while care is a fundamental aspect of healing, it can also demand that extracts obligations and liabilities.

Care is an ambiguous concept that always already contains or is determined by its oppositions; we will begin by analyzing the concept of care itself, drawing on resources from the history and philosophy of medicine as well as literary sources.

Ideals of care that many of us have for our loved ones are difficult to render at scale, and are often in tension with the for-profit motivations behind the development of medications, the administration of healthcare services, and the distribution of goods. We will consider the sorts of

compromises that are made every day through readings in literature, history, political science and philosophy and also through first-person experience in the form of a practicum that will run parallel to the course. In this practicum students will spend 2-3 hours a week observing a home health aide at work.

As Arle Hochschild, Silvia Federici and others have explored, the free market has contributed to a ‘global transfer of care and emotions’ in which workers, especially women, from the former colonies and the third world are serving as primary caregivers or home health aids in Europe and United States. By observing these home health aides at work, students will begin to appreciate the compromises and contradictions that lie at the heart of caregiving.

Through a combination of theory and praxis, through readings and doings, we will lay bare the grounds of the system that naturalizes care and explore the progressively expanding circle moving from the intimate zones of self-care to the totalizing care of the modern biopolitical state.

Spring 2020: CPLS GU4802

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4802	001/14185	Th 10:10am - 12:00pm Room TBA	Arden Hegele	0	17/20

CPLS GU4892 Subaltern Urbanism. 4 points.

This seminar asks how spatial politics intersect with economic inequality and social difference (race, gender, caste, and ethnicity) to produce marginalized and stigmatized spaces such as “favelas,” “slum,” and “ghettos.”

The seminar draws on the convergent yet distinct urban trajectories of Bombay/Mumbai and Rio de Janeiro as a place from which to explore questions of comparative and global urbanism from an explicitly South-South perspective. That is, we ask how Bombay and Rio’s distinct yet connected urbanity might force us to alter our approaches to the city; approaches that are largely drawn from modular Euro-American paradigms for understanding urbanization as coeval with modernity, as well as industrialization. We do so in this seminar by focusing on people and practices—subaltern urbanity (and on those whose labor produced the modern city), as well as on spatial orders—the informal or unintended city—to ask the question: “what makes and unmakes a city?”

How might questions about built form, industrialization, capital flows, and social life and inhabitation that takes the perspective of “city theory from the Global South” shed new understanding on the history of the city, the extranational frames of colonial modernity, and the ongoing impact of neoliberalism? How can we rethink critical concepts in urban studies (precarity, spatial segregation, subalternity, economies of eviction, urban

dispossession) through embedded studies of locality and lifemaking?

Spring 2020: CPLS GU4892

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4892	001/15776	T 6:00pm - 8:00pm LI016 Milstein Center	Ana Lee, Anupama Rao	4	5/10

OF RELATED INTEREST

Classics

Comparative Literature (Barnard)

CPLT BC3110	Introduction to Translation Studies
CPLS BC3123	Friend or Foe? World Literature and the Question of Justice
CLSP BC3215	The Colonial Encounter: Conquest, Landscape, and Subject in the Hispanic New World

CPLT BC3160	Tragic Bodies
CPLS BC3170	Translating Madness: The Sciences and Fictions of Pathology
CPLT BC3190	Aesthetics of the Grotesque
CPLT BC3351	THE ARABIAN NIGHTS AND THEIR INFLUENCES
CPLS BC3510	Advanced Workshop in Translation
CPLT BC3675	Mad Love

East Asian Languages and Cultures

English and Comparative Literature

English (Barnard)

Germanic Languages

History (Barnard)

HIST BC3830	Bombay/Mumbai and Its Urban Imaginaries
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Italian

Middle Eastern, South Asian, and African Studies

CLME GU4227	The Islamic Context of the Arabian Nights since the Establishment of Baghdad
CLME GU4228	The Arab Street: Politics and Poetics of Transformation

Religion

Slavic Languages

CLCZ GU4038	Prague Spring of '68 in Film and Literature [In English]
CLSL GU4075	Soviet and Post-Soviet, Colonial and Post Colonial Film
CLGM OC3920	The World Responds to the Greeks: Greece Faces East
CLEN GU4201	POETRY OF THE AFRICAN DIASPORA
CLEN UN3775	Narrating Rape: Testimony, Gender and Violence
CLEN UN3792	
CLME GU4031	Cinema and Society In Asia and Africa

CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
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CLRS GU4036	Nabokov and Global Culture
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CLRS UN3304	How To Read Violence: The Literature of Power, Force and Brutality from 20th Century Russia and America
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CLRS UN3307	(Russian) Literary Playgrounds: Adventures in Textual Paichnidology
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CLRS UN3309	Fact and Fiction: The Document in Russian and American Literature
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CLSL GU4003	Central European Drama in the Twentieth Century
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CLSS GU4028	In the Shadow of Empires: Literature of the South Slavs From Realism to Today
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FALL 2019 COURSES

CPLS UN3991 Senior Seminar in Comparative Literature and Society. 3 points.

Prerequisites: CPLS UN3900

The senior seminar is a capstone course required of all CLS/MLA majors. The seminar provides students the opportunity to discuss selected topics in comparative literature and society and medical humanities in a cross-disciplinary, multilingual, and global perspective. Students undertake individual research projects while participating in directed readings and critical dialogues about theory and research methodologies, which may culminate in the senior thesis. Students review work in progress and share results through weekly oral reports and written reports.

Fall 2019: CPLS UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3991	001/20188	T 2:10pm - 4:00pm 253 Engineering Terrace	Rishi Goyal	3	20/28

CPLS GU4111 World Philology. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Philology, broadly defined as the practice of making sense of texts, is a fundamental human activity that has been repeatedly institutionalized in widely separated places and times. In the wake of the formation of the modern academic disciplines in the nineteenth century and their global spread, it became difficult to understand the power and glory of older western philology, and its striking parallels with other pre- and early modern forms of scholarship around the globe. This class seeks to create a new comparative framework for understanding how earlier generations made sense of the texts that they valued, and how their practices provide still-vital models for us at a time of upheaval in the format and media of texts and in our scholarly approaches to them. Students will encounter key fields of philology—textual criticism, lexicography, grammar, and, above all, commentary—not in the abstract but as instantiated in relation to four foundational works

—the Confucian Analects, the Rāmāyaṇa of Vālmīki, the Aeneid, and the Tale of Genji—and the scholarly traditions that grew up around them. We are never alone when we grapple with the basic question of how to read texts whose meaning is unclear to us. Over the course of the semester, this class will foster a global understanding of the deep roots and strange parallels linking contemporary reading and interpretation to the practices of the past.

Fall 2019: CPLS GU4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4111	001/58853	W 10:10am - 12:00pm 609 Hamilton Hall	David Lurie	4	17/20

CPLS GU4145 Fascism: Aesthetics and Politics . 4 points.

The election of President Donald Trump has renewed interest in the examination of fascism- as an ideology, as a political movement and as a form of governance. Our inquiry into the nature of fascism will primarily focus on Western European cases- some where it remained an intellectual movement (France), and others such as Italy and Germany where it was a ruling regime. Fascism will be discussed in many dimensions- in its novelty as the only new “ism” of the twentieth century, in its relation to nascent technology (radio and film), its racial and gendered configurations, in its relation to (imperialist) war. We will explore the appeal of this ideology to masses and to the individual. Who becomes a fascist? What form of inquiry provides the best explanations? Can art- literature and film- somehow render what social science cannot? Can fascism outlive the century in which it was born and occur in the 21st century?

Fall 2019: CPLS GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4145	001/20191	M 2:10pm - 4:00pm 1102 International Affairs Bldg	Diane Rubenstein	4	9/20

CLPS GU4251 Global Freud. 3 points.

Prerequisites: Prior study of Freudian theory and psychoanalysis. While there is a general familiarity with the history of psychoanalysis's spread from Vienna throughout Europe, and from the European centers of psychoanalysis to the US, less is known about its broader internationalization. This course explores the globalization of Freudian theory, and the varying ways it has been read and deployed by intellectuals, artists, and political activists-- among others--in various parts of the world. Whether its central appeal was to pre-Revolution Russian intellectuals, who wished to assert their cosmopolitanism and kinship with Europe; to Mexican judges, who employed it to analyze criminal defendants; or to Egyptian experts in dreams, who added this tool to their analytic toolkit, psychoanalysis lent itself to novel, and often contrasting, interpretations and uses.

In this class, we will examine how Freud's universal model of the mind and theory of the subject were refashioned and repurposed to address specific social problems and to advance particular political projects, and how they were revised to conform

to local concepts of emotion and the self. We will consider how a system of thought grounded in secularity and individualism was adapted for faith-based and communitarian societies. In addition, we will look into the ways Freudian notions of the unconscious intersected with existing philosophical traditions, and how other cornerstones of psychoanalytic thought were blended with local interpretive practices. Finally, we will address a number of issues that have arisen in the global transmission of psychoanalysis, including problems in the translation of Freudian theory from the original German, and the formation and ongoing conflicts of the International Psychoanalytic Association.

Fall 2019: CLPS GU4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4251	001/20179	T 10:10am - 12:00pm 511 Kent Hall	Karen Seeley	3	2/15

CLEN GU4567 Du Bois, Gramsci, Ambedkar: Three Men on Emancipation. 4 points.

Selected texts of W.E.B. Du Bois, Antonio Gramsci, and B.R. Ambedkar will be read to compare and contrast their points of view on the emancipation of the subaltern. The issue of gendering will be investigated.

Fall 2019: CLEN GU4567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4567	001/10177	W 6:10pm - 8:00pm 612 Philosophy Hall	Gayatri Spivak	4	11/25

GERM GU4670 Marx, Nietzsche, Freud (in English). 3 points.

Along with Darwin, Marx, Nietzsche and Freud have radically altered what and how we know; about humans, language, history, religion, things and life. Because their thought has shaped our sense of ourselves so fundamentally, Michel Foucault has referred to these three authors as discourse-founders. As such they will be treated in this class. Special attention will be paid to the affinities and competition among their approaches. Secondary sources will be subject to short presentations (in English) of those students capable of reading German.

Fall 2019: GERM GU4670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4670	001/54559	W 2:10pm - 4:00pm 633 Seeley W. Mudd Building	Oliver Simons	3	28/60

PORT UN3601 Race, Medicine and Literature in 19th-Century Brazil. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: Knowledge of Portuguese
We will read and discuss how racial ideologies like “whitening,” “miscegenation” and “racial democracy” played critical roles in Brazil's transition to a republic. We will examine movements such as romanticism, naturalism and positivism in literary and visual works. Throughout, we will analyze literature, illustrations and photography that constructed a relationship between race, science,

and medicine to better understand the role that scientific racism played in constructing discourses about national identity. We will read abolitionist writings and anti-racist works that contested these ideologies. We will discuss these issues through the lenses of migration, religion, urbanization, gender, sexuality, and class. Course texts include a range of materials including literature, chronicles, short stories, vaudeville, carnival parades, songs, music, photography, and newspaper articles. Throughout, students will gain a vivid picture of Brazilian society in the early stages of nation building, which will provide new ways of understanding and addressing contemporary challenges in Brazil and beyond.

The course will be taught in Portuguese.

Fall 2019: PORT UN3601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3601	001/13152	M W 1:10pm - 2:25pm 201 Casa Hispanica	Ana Lee	3	3/15

ITAL UN3660 Terrorism in Literature and Film: Cultural Reflections between Italian Red Brigades & 9/11. 3 points.

How does the experience of terrorism impact artworks both aesthetically and thematically? And how do artworks that thematize terrorism reveal underlying issues and inner dynamics of contemporary society? In this interdisciplinary course, we will treat novels and films that use the theme of terrorism as a rich resource for understanding the consequences of terroristic violence and the trauma it produces at an individual and social level. To do so, we will compare the cultural reflections on the attack on the Twin Towers in Manhattan on 9/11 to Italy's years of lead, which was the most disruptive case of domestic terrorism in a Western democracy prior to 2001. We will explore issues such as: the representation of the body of the terrorist and his/her victims; memory and trauma; women's role in or vis a vis terroristic associations; children's perspective on terroristic violence; terrorism and its effect on the nuclear family; the perspective of the Other and postcolonialism; martyrdom and sacrifice. As a result of our close analysis of films and novels on terrorism, we will be able to discover the specificity of 9/11 and the Italian years of lead, and the way in which art not only works as a therapeutic device, but also as analytic tool for political change. This is thus a course that would also be of interest for students of Comparative Literature, Film and Media Studies, English, and Political Science. (No previous knowledge is required. All course materials will be in English.)

Fall 2019: ITAL UN3660

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3660	001/10656	M 4:10pm - 6:00pm 1102 International Affairs Bldg	Massimiliano3 Delfino		6/15

COMPUTER SCIENCE

Departmental Office: 450 Computer Science Building;
212-939-7000

<http://www.cs.columbia.edu/>

Director of Undergraduate Studies: Dr. Jae Woo Lee, 715 CEPSR; 212-939-7066; jae@cs.columbia.edu

The majors in the Department of Computer Science provide students with the appropriate computer science background necessary for graduate study or a professional career. Computers impact nearly all areas of human endeavor. Therefore, the department also offers courses for students who do not plan a computer science major or concentration. The computer science majors offer maximum flexibility by providing students with a range of options for program specialization. The department offers four majors: computer science; information science; data science; and computer science-mathematics, offered jointly with the Mathematics Department.

COMPUTER SCIENCE MAJOR

Students study a common core of fundamental topics, supplemented by a track that identifies specific areas for deeper study. The foundations track prepares students for advanced work in fundamental, theoretical, and mathematical aspects of computing, including analysis of algorithms, scientific computing, and security. The systems track prepares students for immediate employment in the computer industry as well as advanced study in software engineering, operating systems, computer-aided digital design, computer architecture, programming languages, and user interfaces. The intelligent systems track provides specialization for the student interested in natural language processing and systems capable of exhibiting "human-like" intelligence. The applications track is for students interested in the implementation of interactive multimedia content for the Internet and wireless applications. The vision, graphics, interaction, and robotics track exposes students to computer vision, graphics, human-computer interaction, and robotics.

A combination track is available to students who wish to pursue an interdisciplinary course of study combining computer science and another field in the arts, humanities, mathematics, natural sciences, or social sciences. A student planning a combination track should be aware that one additional course is required to complete this option.

INFORMATION SCIENCE MAJOR

Information science is an interdisciplinary major designed to provide a student with an understanding of how information is organized, accessed, stored, distributed, and processed in strategic segments of today's society. Recent years have seen an explosive growth of on-line information, with people of all ages and all walks of life making use of the World Wide Web and other information in digital form.

This major puts students at the forefront of the information revolution, studying how on-line access touches on all disciplines and changing the very way people communicate. Organizations have large stores of in-house information that are crucial to their daily operation. Today's systems must enable quick access to

relevant information, must ensure that confidential information is secure, and must enable new forms of communication among people and their access to information.

The information science major can choose a scientific focus on algorithms and systems for organizing, accessing, and processing information, or an interdisciplinary focus in order to develop an understanding of, and tools for, information modeling and use within an important sector of modern society such as economics or health.

ADVANCED PLACEMENT

The department grants 3 points for a score of 4 or 5 on the AP Computer Science exam along with exemption from COMS W1004 Introduction to Computer Science and Programming in Java. However, we still recommend that you take COMS W1004 or W1007 even if you have credits from the CS AP exam. COMS W1007 Honors Introduction to Computer Science is recommended if you scored 5 on the AP exam, and COMS W1004 is recommended if you scored 4.

PRE-INTRODUCTORY COURSES

COMS W1004 is the first course in the Computer Science major curriculum, and it does not require any previous computing experience. Before taking COMS W1004, however, students have an option to start with one of the pre-introductory courses: ENGI E1006 or COMS W1002.

ENGI E1006 Introduction to Computing for Engineers and Applied Scientist is a general introduction to computing for STEM students. ENGI E1006 is in fact a required course for all engineering students. COMS W1002 Computing In Context is a course primarily intended for humanities majors, but it also serves as a pre-introductory course for CS majors. ENGI E1006 and COMS W1002 do not count towards Computer Science major.

LABORATORY FACILITIES

The department has well-equipped lab areas for research in computer graphics, computer-aided digital design, computer vision, databases and digital libraries, data mining and knowledge discovery, distributed systems, mobile and wearable computing, natural language processing, networking, operating systems, programming systems, robotics, user interfaces, and real-time multimedia.

Research labs contain several large Linux and Solaris clusters; Puma 500 and IBM robotic arms; a UTAH-MIT dexterous hand; an Adept-1 robot; three mobile research robots; a real-time defocus range sensor; interactive 3-D graphics workstations with 3-D position and orientation trackers; prototype wearable computers, wall-sized stereo projection systems; see-through head-mounted displays; a networking testbed with three Cisco 7500 backbone routers, traffic generators; an IDS testbed with secured LAN, Cisco routers, EMC storage, and Linux servers; and a simulation testbed with several Sun servers and Cisco Catalyst

routers. The department uses a SIP IP phone system. The protocol was developed in the department.

The department's computers are connected via a switched 1Gb/s Ethernet network, which has direct connectivity to the campus OC-3 Internet and internet 2 gateways. The campus has 802.11b/g wireless LAN coverage.

The research facility is supported by a full-time staff of professional system administrators and programmers.

PROFESSORS

Alfred V. Aho
Peter K. Allen
Peter Belhumeur
Steven M. Bellovin
David Blei
Luca Carloni
Michael J. Collins
Steven K. Feiner
Luis Gravano
Julia Hirschberg
Gail E. Kaiser
John R. Kender
Kathleen R. McKeown
Vishal Misra
Shree K. Nayar
Jason Nieh
Steven M. Nowick
Christos Papadimitriou
Kenneth A. Ross
Henning G. Schulzrinne
Rocco A. Servedio
Salvatore J. Stolfo
Jeannette Wing
Mihalis Yannakakis

ASSOCIATE PROFESSORS

Alexandr Andoni
Augustin Chaintreau
Xi Chen
Stephen A. Edwards
Yaniv Erlich
Roxana Geambasu
Eitan Grinspun
Daniel Hsu
Tony Jebara
Martha Allen Kim
Tal Malkin
Itsik Pe'er
Daniel S. Rubenstein
Simha Sethumadhavan
Junfeng Yang
Changxi Zheng

ASSISTANT PROFESSORS

Lydia Chilton
Ronghui Gu
Suman Jana
Baishakhi Ray
Carl Vondrick
Omri Weinstein
Eugene Wu

SENIOR LECTURER IN DISCIPLINE

Paul Blaer
Adam Cannon
Jae Woo Lee

LECTURER IN DISCIPLINE

Daniel Bauer
Tony Dear
Ansaf Salieb-Aouissi
Nakul Verma

ASSOCIATED FACULTY JOINT

Shih-Fu Chang
Clifford Stein

ASSOCIATED FACULTY

Matei Ciocarlie
Edward G. Coffman Jr. (*emeritus*)
Eleni Drinea
Jonathan Gross (*emeritus*)
Andreas Mueller
Steven H. Unger (*emeritus*)
Vladimir Vapnik
Yechiam Yemini (*emeritus*)

SENIOR RESEARCH SCIENTISTS

Moti Yung

RESEARCH SCIENTISTS

Smaranda Muresan*

ASSOCIATED RESEARCH SCIENTISTS

Allison Breton Bishop
Giuseppe DiGuglielmo
Paolo Mantovani
Hiroshi Sasaki
Eran Tromer

PROFESSOR OF PRACTICE

Donald F. Ferguson

GUIDELINES FOR ALL COMPUTER SCIENCE MAJORS AND CONCENTRATORS

Courses

Students may receive credit for only one of the following two courses:

- COMS W1004 Introduction to Computer Science and Programming in Java
- COMS W1005 Introduction to Computer Science and Programming in MATLAB.

Students may receive credit for only one of the following three courses:

- COMS W3134 Data Structures in Java
- COMS W3136 Data Structures with C/C++
- COMS W3137 Honors Data Structures and Algorithms

However, COMS W1005 and COMS W3136 cannot be counted towards the Computer Science major, minor, and concentration.

Transfer Credit

As a rule, no more than 12 transfer credits are accepted toward the major.

Grading

A maximum of one course worth no more than 4 points passed with a grade of D may be counted toward the major or concentration.

MAJOR IN COMPUTER SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

All majors should confer with their program adviser each term to plan their programs of study. Students considering a major in computer science are encouraged to talk to a program adviser during their first or second year. A typical program of study is as follows:

Program of Study

Computer Science Core (22-24 points)

For students who declare in Spring 2014 and beyond:

ENGI E1006	Introduction to Computing for Engineers and Applied Scientists (recommended but not required)
First Year	
COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science

Sophomore Year

COMS W3134	Data Structures in Java
or COMS W3137	Honors Data Structures and Algorithms
COMS W3157	Advanced Programming
COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory

Junior and Senior Year

Select the remaining required core courses:

COMS W3261	Computer Science Theory
CSEE W3827	Fundamentals of Computer Systems

Select one of the following courses:

MATH UN2010	Linear Algebra
APMA E2101	Introduction to Applied Mathematics
APMA E3101	Linear Algebra
STAT GU4001	Introduction to Probability and Statistics

For students who declared prior to Spring 2014:**First Year**

COMS W1004	Introduction to Computer Science and Programming in Java
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Sophomore Year

COMS W1007	Honors Introduction to Computer Science
COMS W3137	Honors Data Structures and Algorithms
COMS W3157	Advanced Programming
COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory

Junior and Senior Year

COMS W3261	Computer Science Theory
CSEE W3827	Fundamentals of Computer Systems

In addition to the CS Core (22-24 points), all CS majors must complete the Calculus Requirement (3 points) and a Track Requirement (15 or 18 points). The CS major therefore requires 40-45 points total.

Mathematics (3 points)

Calculus II or Calculus III.

Note that Calculus III does NOT depend on Calculus II. You can take either Calculus II or III, but we recommend Calculus III, which covers topics that are a bit more relevant for upper-level Computer Science courses.

If you have received equivalent credits for Calculus I & II already (through a 4 or 5 on the AP Calculus exam for example), you are not required to take any more Calculus courses. But we recommend taking one more semester of Calculus, either Math UN1201 Calculus III or APAM E2000 Multivariate Calculus

for Engineers and Scientists. APAM E2000 covers relevant topics from Calculus III and IV.

Track Requirement (15 or 18 points)

Students must select one of the following six upper-level tracks. Each track, except the combination track, requires five courses consisting of required, elective breadth, and elective track courses. The combination track requires a selection of six advanced courses: three 3000- or 4000-level computer science courses and three 3000- or 4000-level courses from another field. The elective breadth requirement in each track can be fulfilled with any 3-point computer science 3000-level or higher course that is not a computer science core course or a technical elective course in that track. In addition to the breadth elective, the track requirements are as follows:

Foundations Track (15 points)

For students interested in algorithms, computational complexity, and other areas of theoretical Computer Science.

Note: Students who declared their Computer Science major prior to Fall 2016 may also count COMS 4241, COMS 4205, COMS 4281, COMS 4444, COMS 4771, and COMS 4772 as track elective courses.

Required Courses

CSOR W4231	Analysis of Algorithms I
COMS W4236	Introduction to Computational Complexity

Track Electives

Select 2 from:

MATH UN3020	Number Theory and Cryptography
MATH UN3025	Making, Breaking Codes
COMS W4203	Graph Theory
MATH GU4032	Fourier Analysis
MATH GU4041	Introduction to Modern Algebra I
MATH GU4042	Introduction to Modern Algebra II
MATH GU4061	Introduction To Modern Analysis I
MATH GU4155	Probability Theory
COMS W4252	Introduction to Computational Learning Theory
COMS W4261	Introduction to Cryptography
APMA E4300	Computational Math: Introduction to Numerical Methods
IEOR E4407	Game Theoretic Models of Operations
CSPH G4802	Math Logic II: Incompleteness
COMS E6232	Analysis of Algorithms, II
MATH G6238	Enumerative Combinatorics
COMS E6253	Advanced Topics in Computational Learning Theory
COMS E6261	Advanced Cryptography
EEOR E6616	Convex optimization
IEOR E6613	Optimization, I
IEOR E6614	Optimization, II

IEOR E6711	Stochastic models, I
IEOR E6712	Stochastic models, II
ELEN E6717	Information theory
ELEN E6718	Error Correcting Codes: Classical and Modern

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special topics in computer science, I
COMS E6998	Topics in Computer Science

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Software Systems Track (15 points)

For students interested in networks, programming languages, operating systems, software engineering, databases, security, and distributed systems.

Required Courses

COMS W4115	Programming Languages and Translators
COMS W4118	Operating Systems I
CSEE W4119	Computer Networks

Track Electives**Select 1 from:**

Any COMS W41xx course

COMS W4444 Programming and Problem Solving

Any COMS W48xx course

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special topics in computer science, I
COMS W4996	Special topics in computer science, II

Any COMS E68XX course

Any COMS E61XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Intelligent Systems Track (15 points)

For students interested in machine learning, robotics, and systems capable of exhibiting “human-like” intelligence.

Required Courses**Select two of the following courses:**

COMS W4701	Artificial Intelligence
COMS W4705	Natural Language Processing

COMS W4706	Spoken Language Processing
COMS W4731	Computer Vision
COMS W4733	Computational Aspects of Robotics
COMS W4771	Machine Learning

Track Electives**Select 2 from:**

COMS W4252	Introduction to Computational Learning Theory
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Any COMS W47xx course

Any COMS E67XX course

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special topics in computer science, I
COMS E6998	Topics in Computer Science

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Applications Track (15 points)

For students interested in the implementation of interactive multimedia applications for the internet and wireless networks.

Required Courses

COMS W4115	Programming Languages and Translators
COMS W4170	User Interface Design

Track Electives**Select 2 from:**

Any COMS W41xx course

Any COMS W47xx course

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special topics in computer science, I

Any COMS E69XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Vision, Graphics, Interaction, and Robotics Track (15 points)

For students in the vision, interaction, graphics, and robotics track. It focuses on visual information with topics in vision, graphics, human-computer interaction, robotics, modeling, and learning. Students learn about fundamental ways in which visual information is captured, manipulated, and experienced.

Required Courses

Select two of the following courses:

COMS W4160	Computer Graphics
COMS W4167	Computer Animation
COMS W4731	Computer Vision

Track Electives

Select 2 from:

COMS W4162	Advanced Computer Graphics
COMS W4170	User Interface Design
COMS W4172	3D User Interfaces and Augmented Reality
COMS W4701	Artificial Intelligence
COMS W4733	Computational Aspects of Robotics
COMS W4735	Visual Interfaces to Computers
COMS W4771	Machine Learning

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special topics in computer science, I

Any COMS E69XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Combination Track (18 points)

For students who wish to combine computer science with another discipline in the arts, humanities, social or natural sciences. A coherent selection of six upper-level courses is required: three from computer science and three from another discipline.

The courses should be planned with and approved by the student's CS faculty advisor by the first semester of the junior year. The six courses are typically 4000-level elective courses that would count towards the individual majors. Moreover, the six courses should have a common theme. The combination track is not intended for those students who pursue double majors.

MAJOR IN COMPUTER SCIENCE—MATHEMATICS

For a description of the joint major in computer science—mathematics, see the *Mathematics* section in this bulletin.

MAJOR IN INFORMATION SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

The major in information science requires a minimum of 33 points including a core requirement of five courses.

The elective courses must be chosen with a faculty adviser to focus on the modeling and use of information within the context of a disciplinary theme. After discussing potential selections students prepare a proposal of study that must be approved by the faculty adviser. In all cases the six courses must be at the 3000-level or above with at least three courses chosen from computer science. Following are some example programs. For more examples or templates for the program proposal, see a faculty adviser.

Note: In most cases additional courses will be necessary as prerequisites in order to take some of the elective courses. This will depend on the student's proposed program of study.

Core Requirement

COMS W1001	Introduction to Information Science
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or COMS W1002 Computing in Context

COMS W1004	Introduction to Computer Science and Programming in Java
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COMS W1007	Honors Introduction to Computer Science
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COMS W3134	Data Structures in Java
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STAT GU4001	Introduction to Probability and Statistics
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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
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COMS W4170	User Interface Design
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COMS W4701	Artificial Intelligence
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COMS W3410	Computers and Society
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SOCI UN3010	Methods for Social Research
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SOCI UN3960	Law, Science, and Society
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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
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COMS W4701	Artificial Intelligence
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COMS W4771	Machine Learning
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ECON UN3412	Introduction To Econometrics
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ECON UN3025	Financial Economics
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ECON UN3265	The Economics of Money and Banking
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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	Introduction to genomic information science and technology

MAJOR IN DATA SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The statistics and computer science departments have responded with a joint-major that emphasizes the interface between the disciplines.

Prerequisites (15 points)

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN1201	Calculus III
MATH UN2010	Linear Algebra

This introductory Statistics course:

STAT UN1201	Calculus-Based Introduction to Statistics
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Statistics (12 points)

STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models
STAT GU4241	Statistical Machine Learning

or COMS W4771 Machine Learning

Computer Science (12 points)

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
COMS W1007	Honors Introduction to Computer Science
ENGI E1006	Introduction to Computing for Engineers and Applied Scientists

Select one of the following courses:

COMS W3134	Data Structures in Java
COMS W3136	Data Structures with C/C++

COMS W3137	Honors Data Structures and Algorithms
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Two required courses:

COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
CSOR W4231	Analysis of Algorithms I

Electives (15 points)

Select two of the following courses:

STAT UN3106	Applied Data Mining
STAT GU4206	Statistical Computing and Introduction to Data Science
STAT GU4224	Bayesian Statistics
STAT GU4243	Applied Data Science
STAT Q4242	Advanced Machine Learning

Select three of the following courses:

COMS W3261	Computer Science Theory
COMS W4111	Introduction to Databases
COMS W4130	Principles and Practice of Parallel Programming
COMS W4236	Introduction to Computational Complexity
COMS W4252	Introduction to Computational Learning Theory

Any COMS W47xx course EXCEPT W4771

CONCENTRATION IN COMPUTER SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

For students who declare in Spring 2014 and beyond:

The concentration in computer science requires a minimum of 22-24 points, as follows:

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
or COMS W3137	Honors Data Structures and Algorithms
COMS W3157	Advanced Programming
COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
COMS W3261	Computer Science Theory
CSEE W3827	Fundamentals of Computer Systems (or any 3 point 4000-level computer science course)

Select one of the following courses:

MATH UN2010	Linear Algebra
MATH V2020	Honors Linear Algebra

APMA E2101	Introduction to Applied Mathematics
APMA E3101	Linear Algebra
STAT GU4001	Introduction to Probability and Statistics

SIEO W3600

For students who declared prior to Spring 2014:

The concentration requires a minimum of 23 points, as follows:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	Honors Introduction to Computer Science
COMS W3137	Honors Data Structures and Algorithms
COMS W3157	Advanced Programming
COMS W3261	Computer Science Theory
CSEE W3827	Fundamentals of Computer Systems (or any 3-point 4000-level computer science course)

COMPUTER SCIENCE

COMS W1001 Introduction to Information Science. 3 points.

Lect: 3.

Basic introduction to concepts and skills in Information Sciences: human-computer interfaces, representing information digitally, organizing and searching information on the internet, principles of algorithmic problem solving, introduction to database concepts, and introduction to programming in Python.

Fall 2019: COMS W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1001	001/35954	T Th 1:10pm - 2:25pm 451 Computer Science Bldg	Adam Cannon	3	66/80

COMS W1002 Computing in Context. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Introduction to elementary computing concepts and Python programming with domain-specific applications. Shared CS concepts and Python programming lectures with track-specific sections. Track themes will vary but may include computing for the social sciences, computing for economics and finance, digital humanities, and more. Intended for nonmajors. Students may only receive credit for one of ENGI E1006 or COMS W1002.

Fall 2019: COMS W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1002	001/35955	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Adam Cannon	4	247/300

COMS W1004 Introduction to Computer Science and Programming in Java. 3 points.

Lect: 3.

A general introduction to computer science for science and engineering students interested in majoring in computer science or engineering. Covers fundamental concepts of computer science, algorithmic problem-solving capabilities, and introductory Java programming skills. Assumes no prior programming background. Columbia University students may receive credit for only one of the following two courses: 1004 or 1005.

Fall 2019: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/35930	M W 5:40pm - 6:55pm 417 International Affairs Bldg	Paul Blaer	3	352/400

Spring 2020: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/12611	T Th 1:10pm - 2:25pm Room TBA	Adam Cannon	3	211/300
COMS 1004	002/12612	T Th 2:40pm - 3:55pm Room TBA	Adam Cannon	3	217/300

COMS W1005 Introduction to Computer Science and Programming in MATLAB. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

A general introduction to computer science concepts, algorithmic problem-solving capabilities, and programming skills in MATLAB. Assumes no prior programming background. Columbia University students may receive credit for only one of the following two courses: W1004 or W1005.

COMS W1007 Honors Introduction to Computer Science. 3 points.

Lect: 3.

Prerequisites: AP Computer Science with a grade of 4 or 5 or similar experience.

An honors-level introduction to computer science, intended primarily for students considering a major in computer science. Computer science as a science of abstraction. Creating models for reasoning about and solving problems. The basic elements of computers and computer programs. Implementing abstractions using data structures and algorithms. Taught in Java.

Fall 2019: COMS W1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1007	001/35951	T Th 1:10pm - 2:25pm 633 Seeley W. Mudd Building	John Kender	3	30/70

COMS W1404 Emerging Scholars Program Seminar. 1 point.

Pass/Fail only.

Prerequisites: the instructor's permission. Corequisites: COMS W1002 or COMS W1004 or COMS W1007

Corequisites: COMS W1004, COMS W1007, COMS W1002
Peer-led weekly seminar intended for first and second year undergraduates considering a major in Computer Science. Pass/fail only. May not be used towards satisfying the major or SEAS credit requirements.

Fall 2019: COMS W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/16541	F 10:00am - 4:00pm 424 Kent Hall	Adam Cannon	1	47/30

COMS W3101 Programming Languages. 1 point.

Lect: 1.

Prerequisites: Fluency in at least one programming language. Introduction to a programming language. Each section is devoted to a specific language. Intended only for those who are already fluent in at least one programming language. Sections may meet for one hour per week for the whole term, for three hours per week for the first third of the term, or for two hours per week for the first six weeks. May be repeated for credit if different languages are involved.

Fall 2019: COMS W3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3101	001/10607	W 6:10pm - 8:00pm 603 Hamilton Hall	Lawrence Stead	1	40/50
COMS 3101	002/15107	Th 6:10pm - 8:00pm 480 Computer Science Bldg	Ramana Isukapalli	1	19/30

Spring 2020: COMS W3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3101	001/20074	W 6:10pm - 8:00pm Room TBA	Lawrence Stead	1	40/40
COMS 3101	002/20135	M 6:10pm - 8:00pm Room TBA	Ramana Isukapalli	1	40/40

COMS W3102 Development Technologies. 1-2 points.

Lect: 2. Lab: 0-2.

Prerequisites: Fluency in at least one programming language. Introduction to software development tools and environments. Each section devoted to a specific tool or environment. One-point sections meet for two hours each week for half a semester, and two point sections include an additional two-hour lab.

Fall 2019: COMS W3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3102	001/35965	W 6:10pm - 8:00pm 703 Hamilton Hall	Robert Coyne	1-2	21/50
COMS 3102	002/35966	Th 6:10pm - 8:00pm 903 School Of Social Work	Robert Coyne	1-2	31/50

Spring 2020: COMS W3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 3102	001/12613	F 2:10pm - 4:00pm Room TBA	Gary Zamchick	1-2	30/30
COMS 3102	002/12614	M 4:10pm - 6:00pm Room TBA	Bruno Scap	1-2	30/30
COMS 3102	003/19973	W 6:10pm - 8:00pm Room TBA	Robert Coyne	1-2	33/40

COMS W3134 Data Structures in Java. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W1004) or knowledge of Java.

Data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Rudiments of the analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for only one of the following three courses: COMS W3134, COMS W3136, COMS W3137.

Fall 2019: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/35960	M W 2:40pm - 3:55pm 309 Havemeyer Hall	Daniel Bauer	3	282/300

Spring 2020: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/12615	M W 5:40pm - 6:55pm Room TBA	Paul Blaer	3	350/350

COMS W3136 Data Structures with C/C++. 4 points.

Prerequisites: (COMS W1004) or (COMS W1005) or (COMS W1007) or (ENGI E1006)

A second programming course intended for nonmajors with at least one semester of introductory programming experience. Basic elements of programming in C and C++, arraybased data structures, heaps, linked lists, C programming in UNIX environment, object-oriented programming in C++, trees, graphs, generic programming, hash tables. Due to significant overlap, students may only receive credit for either COMS W3134, W3136, or W3137.

Fall 2019: COMS W3136

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/10402	T Th 5:40pm - 6:55pm 834 Seeley W. Mudd Building	Timothy Paine	4	28/60

COMS W3137 Honors Data Structures and Algorithms. 4 points.

Prerequisites: (COMS W1004) or (COMS W1007)

Corequisites: COMS W3203

An honors introduction to data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Design and analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for

only one of the following three courses: *COMS W3134*, *W3136*, or *W3137*.

Spring 2020: COMS W3137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3137	001/12617	T Th 2:40pm - 3:55pm Room TBA	Paul Blaer	4	50/50

COMS W3157 Advanced Programming. 4 points.

Lect: 4.

Prerequisites: (COMS W3134) or (COMS W3137)

C programming language and Unix systems programming. Also covers Git, Make, TCP/IP networking basics, C++ fundamentals.

Fall 2019: COMS W3157

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/35958	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Jae Lee	4	258/360
COMS 3157	002/17709	F 1:10pm - 3:40pm 414 Pupin Laboratories	Jae Lee	4	35/36

Spring 2020: COMS W3157

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/12618	T Th 4:10pm - 5:25pm Room TBA	Jae Lee	4	267/272

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory. 3 points.

Lect: 3.

Prerequisites: Any introductory course in computer programming. Logic and formal proofs, sequences and summation, mathematical induction, binomial coefficients, elements of finite probability, recurrence relations, equivalence relations and partial orderings, and topics in graph theory (including isomorphism, traversability, planarity, and colorings).

Fall 2019: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/35940	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3	142/150
COMS 3203	002/35941	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3	148/150

Spring 2020: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/12619	M W 10:10am - 11:25am Room TBA	Ansaf Salleb-Aouissi	3	152/152

COMS W3210 Scientific Computation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two terms of calculus.

Introduction to computation on digital computers. Design and analysis of numerical algorithms. Numerical solution of equations, integration, recurrences, chaos, differential equations. Introduction to Monte Carlo methods. Properties of floating point arithmetic. Applications to weather prediction, computational finance, computational science, and computational engineering.

COMS W3261 Computer Science Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3203)

Corequisites: COMS W3134, COMS W3136, COMS W3137

Regular languages: deterministic and non-deterministic finite automata, regular expressions. Context-free languages: context-free grammars, push-down automata. Turing machines, the Chomsky hierarchy, and the Church-Turing thesis. Introduction to Complexity Theory and NP-Completeness.

Fall 2019: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/35942	T Th 2:40pm - 3:55pm 451 Computer Science Bldg	Omri Weinstein	3	99/110
COMS 3261	002/35943	T Th 4:10pm - 5:25pm 451 Computer Science Bldg	Omri Weinstein	3	101/110

Spring 2020: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/12622	T Th 10:10am - 11:25am 451 Computer Science Bldg	Mihalis Yannakakis	3	110/110
COMS 3261	002/12910	T Th 11:40am - 12:55pm 451 Computer Science Bldg	Mihalis Yannakakis	3	110/110
COMS 3261	H01/34722		Mihalis Yannakakis	3	0/50

COMS W3410 Computers and Society. 3 points.

Lect: 3.

Broader impact of computers. Social networks and privacy. Employment, intellectual property, and the media. Science and engineering ethics. Suitable for nonmajors.

Fall 2019: COMS W3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3410	001/35915	T Th 4:10pm - 5:25pm 1024 Seeley W. Mudd Building	Ronald Baecker	3	50/60

COMS W3902 Undergraduate Thesis. 1-6 points.

Prerequisites: Agreement by a faculty member to serve as thesis adviser.

An independent theoretical or experimental investigation by an undergraduate major of an appropriate problem in computer science carried out under the supervision of a faculty member. A formal written report is mandatory and an oral presentation may also be required. May be taken over more than one term, in which case the grade is deferred until all 6 points have been completed. Consult the department for section assignment.

COMS W3995 Special Topics in Computer Science. 3 points.

Lect: 3.

Prerequisites: the instructor's permission.

Consult the department for section assignment. Special topics arranged as the need and availability arise. Topics are usually offered on a one-time basis. Since the content of this course changes each time it is offered, it may be repeated for credit.

COMS W3998 Undergraduate Projects in Computer Science. 1-3 points.

Prerequisites: Approval by a faculty member who agrees to supervise the work.

Independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more than 3 points of degree credit. Consult the department for section assignment.

COMS E3999 Fieldwork. 1 point.

Prerequisites: Obtained internship and approval from faculty advisor.

May be repeated for credit, but no more than 3 total points may be used toward the 128-credit degree requirement. Only for SEAS computer science undergraduate students who include relevant off-campus work experience as part of their approved program of study. Final report and letter of evaluation required. May not be used as a technical or non-technical elective. May not be taken for pass/fail credit or audited.

COMS W4111 Introduction to Databases. 3 points.

Lect: 3.

Prerequisites: (COMS W3134) or (COMS W3137) or (COMS W3136) and fluency in Java); or the instructor's permission. The fundamentals of database design and application development using databases: entity-relationship modeling, logical design of relational databases, relational data definition and manipulation languages, SQL, XML, query processing, physical database tuning, transaction processing, security. Programming projects are required.

Fall 2019: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/35949	T Th 1:10pm - 2:25pm 501 Northwest Corner	Luis Gravano	3	138/164

COMS 4111	002/35950	F 10:10am - 12:40pm 309 Havemeyer Hall	Donald Ferguson	3	287/320
COMS 4111	004/35970	F 1:10pm - 3:40pm 451 Computer Science Bldg	Alexandros Biliris	3	75/120
COMS 4111	H02/16436		Donald Ferguson	3	72/100
COMS 4111	V02/16327		Donald Ferguson	3	14/99

Spring 2020: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/12624	M W 1:10pm - 2:25pm Room TBA	Kenneth Ross	3	0/164
COMS 4111	002/13586	F 10:10am - 12:40pm 309 Havemeyer Hall	Donald Ferguson	3	3/272
COMS 4111	003/19905	F 1:10pm - 3:40pm Room TBA	Alexandros Biliris	3	0/100
COMS 4111	H02/25028		Donald Ferguson	3	0/50
COMS 4111	V02/25137		Donald Ferguson	3	4/99

COMS W4112 Database System Implementation. 3 points.

Lect: 2.5.

Prerequisites: (COMS W4111) and fluency in Java or C++. CSEE W3827 is recommended.

The principles and practice of building large-scale database management systems. Storage methods and indexing, query processing and optimization, materialized views, transaction processing and recovery, object-relational databases, parallel and distributed databases, performance considerations. Programming projects are required.

COMS W4113 Fundamentals of Large-Scale Distributed Systems. 3 points.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3157 or COMS W4118 or CSEE W4119)

Design and implementation of large-scale distributed and cloud systems. Teaches abstractions, design and implementation techniques that enable the building of fast, scalable, fault-tolerant distributed systems. Topics include distributed communication models (e.g., sockets, remote procedure calls, distributed shared memory), distributed synchronization (clock synchronization, logical clocks, distributed mutex), distributed file systems, replication, consistency models, fault tolerance, distributed transactions, agreement and commitment, Paxos-based consensus, MapReduce infrastructures, scalable distributed databases. Combines concepts and algorithms with descriptions of real-world implementations at Google, Facebook, Yahoo, Microsoft, LinkedIn, etc.

Fall 2019: COMS W4113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4113	001/35946	F 1:10pm - 3:40pm	Roxana Geambasu	3	111/120

833 Seeley W. Mudd
Building

COMS 4113	H01/18840	Roxana Geambasu	3	14/20
COMS 4113	V01/16328	Roxana Geambasu	3	18/99

COMS W4115 Programming Languages and Translators. 3 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3261) and (CSEE W3827) or equivalent, or the instructor's permission.

Modern programming languages and compiler design. Imperative, object-oriented, declarative, functional, and scripting languages. Language syntax, control structures, data types, procedures and parameters, binding, scope, run-time organization, and exception handling. Implementation of language translation tools including compilers and interpreters. Lexical, syntactic and semantic analysis; code generation; introduction to code optimization. Teams implement a language and its compiler.

Fall 2019: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/35909	M W 4:10pm - 5:25pm 451 Computer Science Bldg	Baishakhi Ray	3	105/110

Spring 2020: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/12625	M W 2:40pm - 3:55pm 451 Computer Science Bldg	Ronghui Gu	3	0/80
COMS 4115	V01/25139		Ronghui Gu	3	2/99

COMS W4117 Compilers and Interpreters. 3 points.

Lect: 3. Not offered during 2019-20 academic year.

Prerequisites: (COMS W4115) or instructor's permission. Continuation of *COMS W4115*, with broader and deeper investigation into the design and implementation of contemporary language translators, be they compilers or interpreters. Topics include parsing, semantic analysis, code generation and optimization, run-time environments, and compiler-compilers. A programming project is required.

COMS W4118 Operating Systems I. 3 points.

Lect: 3.

Prerequisites: (CSEE W3827) and knowledge of C and programming tools as covered in COMS W3136, W3157, or W3101, or the instructor's permission. Design and implementation of operating systems. Topics include process management, process synchronization and interprocess communication, memory management, virtual memory, interrupt handling, processor scheduling, device management, I/O,

and file systems. Case study of the UNIX operating system. A programming project is required.

Fall 2019: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/35918	M W 8:40am - 9:55am 833 Seeley W. Mudd Building	Jason Nieh	3	71/120
COMS 4118	V01/16329		Jason Nieh	3	11/99

Spring 2020: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/12626	W 4:10pm - 6:40pm Room TBA	Jae Lee	3	0/86

COMS W4121 Computer Systems for Data Science. 3 points.

Prerequisites: background in Computer System Organization and good working knowledge of C/C++

Corequisites: CSOR W4246, STAT GU4203

An introduction to computer architecture and distributed systems with an emphasis on warehouse scale computing systems. Topics will include fundamental tradeoffs in computer systems, hardware and software techniques for exploiting instruction-level parallelism, data-level parallelism and task level parallelism, scheduling, caching, prefetching, network and memory architecture, latency and throughput optimizations, specialization, and an introduction to programming data center computers.

Spring 2020: COMS W4121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4121	001/20153	M 4:10pm - 6:40pm Room TBA	Asaf Cidon	3	122/155

COMS W4130 Principles and Practice of Parallel Programming. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3137 or COMS W3136 and experience in Java) and basic understanding of analysis of algorithms.

Principles of parallel software design. Topics include task and data decomposition, load-balancing, reasoning about correctness, determinacy, safety, and deadlock-freedom. Application of techniques through semester-long design project implementing performant, parallel application in a modern parallel programming language.

COMS W4156 Advanced Software Engineering. 3 points.

Lect: 3.

Prerequisites: (COMS W3157) or equivalent.

Software lifecycle using frameworks, libraries and services. Major emphasis on software testing. Centers on a team project.

Spring 2020: COMS W4156

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 001/16219 T 12:10pm - Junfeng 3 0/60
4156 2:00pm Yang
Room TBA

COMS W4160 Computer Graphics. 3 points.

Lect: 3.

Prerequisites: (COMS W3134) or (COMS W3136) or (COMS W3137) COMS W4156 is recommended. Strong programming background and some mathematical familiarity including linear algebra is required.

Introduction to computer graphics. Topics include 3D viewing and projections, geometric modeling using spline curves, graphics systems such as OpenGL, lighting and shading, and global illumination. Significant implementation is required: the final project involves writing an interactive 3D video game in OpenGL.

Spring 2020: COMS W4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4160	001/12627	T Th 5:40pm - 6:55pm Room TBA	Changxi Zheng	3	0/54
COMS 4160	V01/34916		Changxi Zheng	3	1/99

COMS W4162 Advanced Computer Graphics. 3 points.

Lect: 3.

Prerequisites: (COMS W4160) or equivalent, or the instructor's permission.

A second course in computer graphics covering more advanced topics including image and signal processing, geometric modeling with meshes, advanced image synthesis including ray tracing and global illumination, and other topics as time permits. Emphasis will be placed both on implementation of systems and important mathematical and geometric concepts such as Fourier analysis, mesh algorithms and subdivision, and Monte Carlo sampling for rendering. Note: Course will be taught every two years.

COMS W4167 Computer Animation. 3 points.

Lect: 3.

Prerequisites: Multivariable calculus, linear algebra, C++ programming proficiency. COMS W4156 recommended. Theory and practice of physics-based animation algorithms, including animated clothing, hair, smoke, water, collisions, impact, and kitchen sinks. Topics covered: Integration of ordinary differential equations, formulation of physical models, treatment of discontinuities including collisions/contact, animation control, constrained Lagrangian Mechanics, friction/dissipation, continuum mechanics, finite elements, rigid bodies, thin shells, discretization of Navier-Stokes equations. General education requirement: quantitative and deductive reasoning (QUA).

COMS W4170 User Interface Design. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Introduction to the theory and practice of computer user interface design, emphasizing the software design of graphical user interfaces. Topics include basic interaction devices and techniques, human factors, interaction styles, dialogue design, and software infrastructure. Design and programming projects are required.

Fall 2019: COMS W4170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/35953	T Th 1:10pm - 2:25pm 1024 Seeley W. Mudd Building	Brian Smith	3	77/75
COMS 4170	V01/18215		Brian Smith	3	3/4

Spring 2020: COMS W4170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/12628	M W 4:10pm - 5:25pm 451 Computer Science Bldg	Lydia Chilton	3	0/100
COMS 4170	V01/25144		Lydia Chilton	3	4/5

COMS W4172 3D User Interfaces and Augmented Reality. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W4160) or (COMS W4170) or the instructor's permission.

Design, development, and evaluation of 3D user interfaces. Interaction techniques and metaphors, from desktop to immersive. Selection and manipulation. Travel and navigation. Symbolic, menu, gestural, and multimodal interaction. Dialogue design. 3D software support. 3D interaction devices and displays. Virtual and augmented reality. Tangible user interfaces. Review of relevant 3D math.

Spring 2020: COMS W4172

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4172	001/12629	T Th 1:10pm - 2:25pm Room TBA	Steven Feiner	3	0/45

COMS W4180 Network Security. 3 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (CSEE W4119) or instructor's permission.

Introduction to network security concepts and mechanisms. Foundations of network security and an in-depth review of commonly-used security mechanisms and techniques, security threats and network-based attacks, applications of cryptography, authentication, access control, intrusion detection and response, security protocols (IPsec, SSL, Kerberos), denial of service, viruses and worms, software vulnerabilities, web security, wireless security, and privacy. Note: May not earn credit for both W4180 and W4181.

COMS W4181 Security I. 3 points.
Not offered during 2019-20 academic year.

Prerequisites: COMS W3157 or equivalent.

Introduction to security. Threat models. Operating system security features. Vulnerabilities and tools. Firewalls, virtual private networks, viruses. Mobile and app security. Usable security.

Fall 2019: COMS W4181

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4181	001/35948	T Th 1:10pm - 2:25pm 1127 Seeley W. Mudd Building	Suman Jana	3	44/75
COMS 4181	V01/16330		Suman Jana	3	9/99

COMS W4182 Security II. 3 points.
Not offered during 2019-20 academic year.

Prerequisites: COMS W4181, COMS W4118, COMS W4119
 Advanced security. Centralized, distributed, and cloud system security. Cryptographic protocol design choices. Hardware and software security techniques. Security testing and fuzzing. Blockchain. Human security issues.

Spring 2020: COMS W4182

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4182	001/12630	F 10:10am - 12:40pm 545 Seeley W. Mudd Building	Steven Bellovin	3	0/40
COMS 4182	V01/25148		Steven Bellovin	3	1/99

COMS W4186 Malware Analysis and Reverse Engineering. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: COMS W3157 or equivalent. COMS W3827
 Hands-on analysis of malware. How hackers package and hide malware and viruses to evade analysis. Disassemblers, debuggers, and other tools for reverse engineering. Deep study of Windows Internals and x86 assembly.

Fall 2019: COMS W4186

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4186	001/35952	Th 4:10pm - 6:40pm 516 Hamilton Hall	Michael Sikorski	3	32/50

COMS W4187 Security Architecture and Engineering. 3 points.
 Lect: 3.

Prerequisites: (COMS W4118) COMS W4180 and/or CSEE W4119 recommended.

Secure programming. Cryptographic engineering and key handling. Access controls. Tradeoffs in security design. Design for security.

Note: May not earn credit for both W4187 and W4182.

COMS W4203 Graph Theory. 3 points.

Lect: 3.

Prerequisites: (COMS W3203)

General introduction to graph theory. Isomorphism testing, algebraic specification, symmetries, spanning trees, traversability, planarity, drawings on higher-order surfaces, colorings, extremal graphs, random graphs, graphical measurement, directed graphs, Burnside-Polya counting, voltage graph theory.

COMS W4205 Combinatorial Theory. 3 points.

Lect: 3. **Not offered during 2019-20 academic year.**

Prerequisites: (COMS W3203) and course in calculus.

Sequences and recursions, calculus of finite differences and sums, elementary number theory, permutation group structures, binomial coefficients, Stirling numbers, harmonic numbers, generating functions.

COMS W4236 Introduction to Computational Complexity. 3 points.

Lect: 3.

Prerequisites: (COMS W3261)

Develops a quantitative theory of the computational difficulty of problems in terms of the resources (e.g. time, space) needed to solve them. Classification of problems into complexity classes, reductions, and completeness. Power and limitations of different modes of computation such as nondeterminism, randomization, interaction, and parallelism.

Fall 2019: COMS W4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4236	001/35963	F 4:10pm - 6:40pm 903 School Of Social Work	Xi Chen	3	39/50

COMS W4241 Numerical Algorithms and Complexity. 3 points.

Lect: 3.

Prerequisites: Knowledge of a programming language. Some knowledge of scientific computation is desirable.
 Modern theory and practice of computation on digital computers. Introduction to concepts of computational complexity. Design and analysis of numerical algorithms. Applications to computational finance, computational science, and computational engineering.

COMS W4242 Numerical Algorithms and Their Complexity II. 3 points.

Prerequisites: COMS W4241.

A continuation of COMS W4241.

COMS W4252 Introduction to Computational Learning Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (CSOR W4231) or (COMS W4236) or *COMS W3203* and the instructor's permission, or *COMS W3261* and the instructor's permission.

Possibilities and limitations of performing learning by computational agents. Topics include computational models of learning, polynomial time learnability, learning from examples and learning from queries to oracles. Computational and statistical limitations of learning. Applications to Boolean functions, geometric functions, automata.

COMS W4261 Introduction to Cryptography. 3 points.

Lect: 2.5.

Prerequisites: Comfort with basic discrete math and probability. Recommended: COMS W3261 or CSOR W4231.

An introduction to modern cryptography, focusing on the complexity-theoretic foundations of secure computation and communication in adversarial environments; a rigorous approach, based on precise definitions and provably secure protocols. Topics include private and public key encryption schemes, digital signatures, authentication, pseudorandom generators and functions, one-way functions, trapdoor functions, number theory and computational hardness, identification and zero knowledge protocols.

Fall 2019: COMS W4261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4261	001/35959	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Tal Malkin	3	53/70
COMS 4261	V01/16331		Tal Malkin	3	7/99

COMS W4281 Introduction to Quantum Computing. 3 points.

Lect: 3.

Prerequisites: Knowledge of linear algebra. Prior knowledge of quantum mechanics is not required although helpful. Introduction to quantum computing. Shor's factoring algorithm, Grover's database search algorithm, the quantum summation algorithm. Relationship between classical and quantum computing. Potential power of quantum computers.

COMS W4419 Internet Technology, Economics, and Policy. 3 points.

Not offered during 2019-20 academic year.

Technology, economic and policy aspects of the Internet. Summarizes how the Internet works technically, including protocols, standards, radio spectrum, global infrastructure and interconnection. Micro-economics with a focus on media and telecommunication economic concerns, including competition and monopolies, platforms, and behavioral economics. US constitution, freedom of speech, administrative procedures act and regulatory process, universal service, role of FCC. Not a substitute

for CSEE4119. Suitable for non-majors. May not be used as a track elective for the computer science major.

COMS W4444 Programming and Problem Solving. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (CSEE W3827)

Hands-on introduction to solving open-ended computational problems. Emphasis on creativity, cooperation, and collaboration. Projects spanning a variety of areas within computer science, typically requiring the development of computer programs. Generalization of solutions to broader problems, and specialization of complex problems to make them manageable. Team-oriented projects, student presentations, and in-class participation required.

Fall 2019: COMS W4444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4444	001/35937	M W 1:10pm - 2:25pm 644 Seeley W. Mudd Building	Kenneth Ross	3	26/30

COMS W4460 Principles of Innovation and Entrepreneurship. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Team project centered course focused on principles of planning, creating, and growing a technology venture. Topics include: identifying and analyzing opportunities created by technology paradigm shifts, designing innovative products, protecting intellectual property, engineering innovative business models.

Fall 2019: COMS W4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4460	001/35914	F 10:10am - 12:40pm 602 Northwest Corner	William Reinisch	3	21/32

COMS W4560 Introduction to Computer Applications in Health Care and Biomedicine. 3 points.

Lect: 3.

Prerequisites: Experience with computers and a passing familiarity with medicine and biology. Undergraduates in their senior or junior years may take this course only if they have adequate background in mathematics and receive the instructor's permission.

An overview of the field of biomedical informatics, combining perspectives from medicine, computer science and social science. Use of computers and information in health care and the biomedical sciences, covering specific applications and general methods, current issues, capabilities and limitations of biomedical informatics. Biomedical Informatics studies the organization of medical information, the effective management of information

using computer technology, and the impact of such technology on medical research, education, and patient care. The field explores techniques for assessing current information practices, determining the information needs of health care providers and patients, developing interventions using computer technology, and evaluating the impact of those interventions.

COMS W4701 Artificial Intelligence. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and any course on probability. Prior knowledge of Python is recommended.

Provides a broad understanding of the basic techniques for building intelligent computer systems. Topics include state-space problem representations, problem reduction and and-or graphs, game playing and heuristic search, predicate calculus, and resolution theorem proving, AI systems and languages for knowledge representation, machine learning and concept formation and other topics such as natural language processing may be included as time permits.

Fall 2019: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/35921	T Th 2:40pm - 3:55pm 501 Northwest Corner	Tony Dear	3	157/164
COMS 4701	002/35922	T Th 4:10pm - 5:25pm 501 Northwest Corner	Tony Dear	3	153/164
COMS 4701	H01/16445		Tony Dear	3	43/50
COMS 4701	V01/16332		Tony Dear	3	6/99

Spring 2020: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/12631	T Th 10:10am - 11:25am 501 Northwest Corner	Ansaf Salleb-Aouissi	3	0/150
COMS 4701	H01/25036		Ansaf Salleb-Aouissi	3	0/50
COMS 4701	V01/25149		Ansaf Salleb-Aouissi	3	5/99

COMS W4705 Natural Language Processing. 3 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Computational approaches to natural language generation and understanding. Recommended preparation: some previous or concurrent exposure to AI or Machine Learning. Topics include information extraction, summarization, machine translation, dialogue systems, and emotional speech. Particular attention is given to robust techniques that can handle understanding and

generation for the large amounts of text on the Web or in other large corpora. Programming exercises in several of these areas.

Fall 2019: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/35944	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Kathleen McKeown	3	95/110
COMS 4705	002/13496	F 4:10pm - 6:40pm 451 Computer Science Bldg	Yassine Benajiba	3	112/120
COMS 4705	H02/16466		Yassine Benajiba	3	46/50
COMS 4705	V02/16460		Yassine Benajiba	3	7/99

Spring 2020: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/12632	F 1:10pm - 3:40pm 402 Chandler	Yassine Benajiba	3	0/120
COMS 4705	002/13588	T Th 4:10pm - 5:25pm 1127 Seeley W. Mudd Building	Michael Collins	3	0/78
COMS 4705	H01/34724		Yassine Benajiba	3	0/50
COMS 4705	H02/25037		Michael Collins	3	0/50
COMS 4705	V02/25154		Michael Collins	3	4/99

COMS W4706 Spoken Language Processing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Computational approaches to speech generation and understanding. Topics include speech recognition and understanding, speech analysis for computational linguistics research, and speech synthesis. Speech applications including dialogue systems, data mining, summarization, and translation. Exercises involve data analysis and building a small text-to-speech system.

COMS W4725 Knowledge representation and reasoning. 3 points.

Lect: 3. **Not offered during 2019-20 academic year.**

Prerequisites: (COMS W4701)

General aspects of knowledge representation (KR). The two fundamental paradigms (semantic networks and frames) and illustrative systems. Topics include hybrid systems, time, action/plans, defaults, abduction, and case-based reasoning. Throughout the course particular attention is paid to design trade-offs between language expressiveness and reasoning complexity, and issues relating to the use of KR systems in larger applications.

COMS W4731 Computer Vision. 3 points.

Lect: 3.

Prerequisites: Fundamentals of calculus, linear algebra, and C programming. Students without any of these prerequisites are advised to contact the instructor prior to taking the course. Introductory course in computer vision. Topics include image formation and optics, image sensing, binary images, image processing and filtering, edge extraction and boundary detection, region growing and segmentation, pattern classification methods, brightness and reflectance, shape from shading and photometric stereo, texture, binocular stereo, optical flow and motion, 2D and 3D object representation, object recognition, vision systems and applications.

Fall 2019: COMS W4731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4731	001/35920	T Th 4:10pm - 5:25pm 833 Seeley W. Mudd Building	Carl Vondrick	3	112/120
COMS 4731	H01/17926		Carl Vondrick	3	85/90
COMS 4731	V01/16333		Carl Vondrick	3	13/99

COMS W4733 Computational Aspects of Robotics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) Introduction to robotics from a computer science perspective. Topics include coordinate frames and kinematics, computer architectures for robotics, integration and use of sensors, world modeling systems, design and use of robotic programming languages, and applications of artificial intelligence for planning, assembly, and manipulation.

Fall 2019: COMS W4733

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4733	001/35926	T Th 11:40am - 12:55pm 313 Fayerweather	Peter Allen	3	66/75

COMS W4735 Visual Interfaces to Computers. 3 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Visual input as data and for control of computer systems. Survey and analysis of architecture, algorithms, and underlying assumptions of commercial and research systems that recognize and interpret human gestures, analyze imagery such as fingerprint or iris patterns, generate natural language descriptions of medical or map imagery. Explores foundations in human psychophysics, cognitive science, and artificial intelligence.

Spring 2020: COMS W4735

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4735	001/12634	T Th 2:40pm - 3:55pm 545 Seeley W. Mudd Building	John Kender	3	64/60

COMS 4735 V01/25155

John Kender 3 1/99

COMS W4737 Biometrics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a background at the sophomore level in computer science, engineering, or like discipline.

In this course, we will explore the latest advances in biometrics as well as the machine learning techniques behind them.

Students will learn how these technologies work and how they are sometimes defeated. Grading will be based on homework assignments and a final project. There will be no midterm or final exam. This course shares lectures with *COMS E6737*.

Students taking *COMS E6737* are required to complete additional homework problems and undertake a more rigorous final project. Students will only be allowed to earn credit for *COMS W4737* or *COMS E6737* and not both.

COMS W4771 Machine Learning. 3 points.

Lect: 3.

Prerequisites: Any introductory course in linear algebra and any introductory course in statistics are both required. Highly recommended: COMS W4701 or knowledge of Artificial Intelligence.

Topics from generative and discriminative machine learning including least squares methods, support vector machines, kernel methods, neural networks, Gaussian distributions, linear classification, linear regression, maximum likelihood, exponential family distributions, Bayesian networks, Bayesian inference, mixture models, the EM algorithm, graphical models and hidden Markov models. Algorithms implemented in MATLAB.

Fall 2019: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/35934	M W 2:40pm - 3:55pm 501 Northwest Corner	Daniel Hsu	3	115/164
COMS 4771	D02/18216		Kriste Krstovski	3	10/99
COMS 4771	H02/17928			3	57/100

Spring 2020: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/12636	T Th 2:40pm - 3:55pm 501 Northwest Corner	Nakul Verma	3	0/130
COMS 4771	H01/25038		Nakul Verma	3	0/50
COMS 4771	V01/25156		Nakul Verma	3	4/99

COMS W4772 Advanced Machine Learning. 3 points.

Lect: 3.

Prerequisites: (COMS W4771) or instructor's permission; knowledge of linear algebra & introductory probability or statistics is required.

An exploration of advanced machine learning tools for perception and behavior learning. How can machines perceive, learn from, and classify human activity computationally? Topics include appearance-based models, principal and independent components analysis, dimensionality reduction, kernel methods, manifold learning, latent models, regression, classification, Bayesian methods, maximum entropy methods, real-time tracking, extended Kalman filters, time series prediction, hidden Markov models, factorial HMMs, input-output HMMs, Markov random fields, variational methods, dynamic Bayesian networks, and Gaussian/Dirichlet processes. Links to cognitive science.

Spring 2020: COMS W4772

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4772	001/12637	T Th 1:10pm - 2:25pm Room TBA	Nakul Verma	3	0/80

COMS W4776 Machine Learning for Data Science. 3 points.

Lect.: 3

Prerequisites: (STAT GU4001 or IEOR E4150) and linear algebra.

Introduction to machine learning, emphasis on data science. Topics include least square methods, Gaussian distributions, linear classification, linear regression, maximum likelihood, exponential family distributions, Bayesian networks, Bayesian inference, mixture models, the EM algorithm, graphical models, hidden Markov models, support vector machines kernel methods. Emphasizes methods and problems relevant to big data. Students may not receive credit for both COMS W4771 and W4776.

COMS W4901 Projects in Computer Science. 1-3 points.

Prerequisites: Approval by a faculty member who agrees to supervise the work.

A second-level independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more than 3 points of degree credit. Consult the department for section assignment.

COMS W4910 Curricular Practical Training. 1 point.

Prerequisites: obtained internship and approval from faculty advisor.

Only for M.S. students in the Computer Science department who need relevant work experience as part of their program of study. Final report required. This course may not be taken for pass/fail credit or audited.

COMS W4995 Special topics in computer science, I. 3 points.

Lect: 3.

Prerequisites: Instructor's permission.

Special topics arranged as the need and availability arises. Topics are usually offered on a one-time basis. Since the content of this

course changes each time it is offered, it may be repeated for credit. Consult the department for section assignment.

Fall 2019: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/35925	T 4:10pm - 6:40pm 750 Schapiro Cepser	Jason Cahill, Paul Blaer	3	31/30
COMS 4995	002/35935	M W 10:10am - 11:25am 545 Seeley W. Mudd Building	Timothy Roughgarden	3	45/60
COMS 4995	003/35936	M W 5:40pm - 6:55pm 417 Mathematics Building	Stephen Edwards	3	54/64
COMS 4995	004/35956	T Th 8:40am - 9:55am 413 Kent Hall	Satyen Kale	3	41/60
COMS 4995	006/35961	M W 4:10pm - 5:25pm 503 Hamilton Hall	David Knowles	3	39/50
COMS 4995	007/10586	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Peter Belhumeur	3	51/60
COMS 4995	008/13376	Th 6:10pm - 8:00pm 467 Ext Schermerhorn Hall	Tristan Boutros	3	42/40
COMS 4995	009/13377	Th 8:10pm - 10:00pm 467 Ext Schermerhorn Hall	Tristan Boutros	3	27/40
COMS 4995	010/13495	M W 6:40pm - 7:55pm 451 Computer Science Bldg	Iddo Drori	3	69/80
COMS 4995	011/14407	M 7:00pm - 9:30pm 402 Chandler	Bryan Gibson	3	97/125
COMS 4995	012/14408	Th 7:00pm - 9:30pm 402 Chandler	Joshua Gordon	3	122/125
COMS 4995	013/14266	T 4:10pm - 6:40pm 327 Seeley W. Mudd Building	Alexandros Biliris, Eran Tromer	3	26/55
COMS 4995	014/14290	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Agnes Chang	3	25/35
COMS 4995	V10/16334		Iddo Drori	3	16/99

Spring 2020: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/12639	M W 8:40am - 9:55am Room TBA	Daniel Hsu	3	0/60
COMS 4995	002/12640	T Th 2:40pm - 3:55pm 1024 Seeley W. Mudd Building	Alexandr Andoni	3	0/70
COMS 4995	003/12641	F 10:10am - 12:00pm Room TBA	Bjarne Stroustrup	3	33/35
COMS 4995	004/12642	Th 6:10pm - 8:00pm Room TBA	Tristan Boutros	3	55/50

COMS 4995	005/12643	M W 4:10pm - 5:25pm Room TBA	Iddo Drori	3	31/80
COMS 4995	006/12644	W 1:10pm - 3:40pm Room TBA	Timothy Roughgarden	3	0/60
COMS 4995	007/13659	F 1:10pm - 3:40pm Room TBA	Smaranda Muresan, Isabelle Zaugg	3	17/30
COMS 4995	008/14158	M W 4:10pm - 5:25pm Room TBA	Elias Bareinboim	3	0/60
COMS 4995	009/16374	M W 8:40am - 9:55am Room TBA	Augustin Chaintreau	3	15/50
COMS 4995	010/16806	T 6:10pm - 8:00pm Room TBA	Agnes Chang	3	0/35
COMS 4995	011/20022	M W 1:10pm - 2:25pm Room TBA	Andreas Mueller	3	136/165
COMS 4995	012/20023	Th 7:00pm - 9:30pm 402 Chandler	Joshua Gordon	3	47/130
COMS 4995	013/20029	W 7:00pm - 9:30pm Room TBA	Adam Kelleher	3	49/60
COMS 4995	V02/25160		Alexandr Andoni	3	2/99
COMS 4995	V05/25157		Iddo Drori	3	6/99
COMS 4995	V12/25158		Joshua Gordon	3	6/99

COMS W4996 Special topics in computer science, II. 3 points.
Lect: 3. Not offered during 2019-20 academic year.

Prerequisites: Instructor's permission.

A continuation of COMS W4995 when the special topic extends over two terms.

COMPUTER SCIENCE - ENGLISH COMPUTER SCIENCE - ELECTRICAL ENGINEERING

CSEE W3827 Fundamentals of Computer Systems. 3 points.
Lect: 3.

Prerequisites: an introductory programming course.
Fundamentals of computer organization and digital logic. Boolean algebra, Karnaugh maps, basic gates and components, flipflops and latches, counters and state machines, basics of combinational and sequential digital design. Assembly language, instruction sets, ALU's, single-cycle and multi-cycle processor design, introduction to pipelined processors, caches, and virtual memory.

Fall 2019: CSEE W3827					
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/35927	T Th 10:10am - 11:25am 451 Computer Science Bldg	Martha Kim	3	75/110
CSEE 3827	002/35928	T Th 11:40am - 12:55pm 451 Computer Science Bldg	Martha Kim	3	88/110

Spring 2020: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/14445	M W 2:40pm - 3:55pm 309 Havemeyer Hall	Simha Sethumadhavan	3	272/272
CSEE 3827	H01/34723		Simha Sethumadhavan	3	0/50

CSEE W4119 Computer Networks. 3 points.
Lect: 3.

Prerequisites: Corequisites: IEOR E3658 or equivalent.
Corequisites: IEOR E3658

Introduction to computer networks and the technical foundations of the Internet, including applications, protocols, local area networks, algorithms for routing and congestion control, security, elementary performance evaluation. Several written and programming assignments required.

Fall 2019: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/98822	M W 1:10pm - 2:25pm 207 Mathematics Building	Ethan Katz-Bassett	3	108/150

Spring 2020: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/16515	M W 1:10pm - 2:25pm Room TBA	Javad Ghaderi Dehkordi	3	150/150

CSEE W4140 Networking Laboratory. 3 points.
Lect: 3.

Prerequisites: (CSEE W4119) or equivalent.
In this course, students will learn how to put "principles into practice," in a hands-on-networking lab course. The course will cover the technologies and protocols of the Internet using equipment currently available to large internet service providers such as CISCO routers and end systems. A set of laboratory experiments will provide hands-on experience with engineering wide-area networks and will familiarize students with the Internet Protocol (IP), Address Resolution Protocol (ARP), Internet Control Message Protocol (ICMP), User Datagram Protocol (UDP) and Transmission Control Protocol (TCP), the Domain Name System (DNS), routing protocols (RIP, OSPF, BGP), network management protocols (SNMP, and application-level protocols (FTP, TELNET, SMTP).

Fall 2019: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4140	001/98713	M W 10:10am - 11:25am 233 Seeley W. Mudd Building	Gil Zussman	3	11/40

Spring 2020: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSEE 4140	001/16519	M W 10:10am - 11:25am Room TBA	Gil Zussman	3	13/42
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CSEE W4823 Advanced Logic Design. 3 points.

Lect: 3.

Prerequisites: (CSEE W3827) or a half semester introduction to digital logic, or the equivalent.

An introduction to modern digital system design. Advanced topics in digital logic: controller synthesis (Mealy and Moore machines); adders and multipliers; structured logic blocks (PLDs, PALs, ROMs); iterative circuits. Modern design methodology: register transfer level modelling (RTL); algorithmic state machines (ASMs); introduction to hardware description languages (VHDL or Verilog); system-level modelling and simulation; design examples.

Fall 2019: CSEE W4823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4823	001/98795	T Th 2:40pm - 3:55pm 310 Fayerweather	Mingoo Seok	3	36/80

CSEE W4824 Computer Architecture. 3 points.

Lect: 3.

Prerequisites: (CSEE W3827) or equivalent.

Focuses on advanced topics in computer architecture, illustrated by case studies from classic and modern processors. Fundamentals of quantitative analysis. Pipelining. Memory hierarchy design. Instruction-level and thread-level parallelism. Data-level parallelism and graphics processing units. Multiprocessors. Cache coherence. Interconnection networks. Multi-core processors and systems-on-chip. Platform architectures for embedded, mobile, and cloud computing.

Fall 2019: CSEE W4824

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4824	001/35938	M W 10:10am - 11:25am 717 Hamilton Hall	Simha Sethumadhavan	3	38/60

CSEE W4840 Embedded Systems. 3 points.

Lect: 3.

Prerequisites: (CSEE W4823)

Embedded system design and implementation combining hardware and software. I/O, interfacing, and peripherals. Weekly laboratory sessions and term project on design of a microprocessor-based embedded system including at least one custom peripheral. Knowledge of C programming and digital logic required.

Spring 2020: CSEE W4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4840	001/12638	F 10:10am - 12:40pm Room TBA	Stephen Edwards	3	0/60

CSEE W4868 System-on-chip platforms. 3 points.

Prerequisites: (COMS W3157) and (CSEE W3827)

Design and programming of System-on-Chip (SoC) platforms. Topics include: overview of technology and economic trends, methodologies and supporting CAD tools for system-level design, models of computation, the SystemC language, transaction-level modeling, software simulation and virtual platforms, hardware-software partitioning, high-level synthesis, system programming and device drivers, on-chip communication, memory organization, power management and optimization, integration of programmable processor cores and specialized accelerators. Case studies of modern SoC platforms for various classes of applications.

Fall 2019: CSEE W4868

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4868	001/35910	T Th 11:40am - 12:55pm 1024 Seeley W. Mudd Building	Luca Carlioni	3	32/70

COMPUTER SCIENCE - BIOMEDICAL ENGINEERING**CBMF W4761 Computational Genomics. 3 points.**

Lect: 3.

Prerequisites: Working knowledge of at least one programming language, and some background in probability and statistics. Computational techniques for analyzing genomic data including DNA, RNA, protein and gene expression data. Basic concepts in molecular biology relevant to these analyses. Emphasis on techniques from artificial intelligence and machine learning. String-matching algorithms, dynamic programming, hidden Markov models, expectation-maximization, neural networks, clustering algorithms, support vector machines. Students with life sciences backgrounds who satisfy the prerequisites are encouraged to enroll.

Spring 2020: CBFM W4761

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CBMF 4761	001/12635	M W 4:10pm - 5:25pm 545 Seeley W. Mudd Building	Itshack Pe'er	3	45/60
CBMF 4761	V01/25126		Itshack Pe'er	3	2/99

CREATIVE WRITING

Undergraduate Creative Writing Program Office: 609 Kent;
212-854-3774

<http://arts.columbia.edu/writing/undergraduate> (<http://arts.columbia.edu/writing/undergraduate/>)

Director of Undergraduate Studies: Prof. Dorothea Lasky, 609 Kent; 212-854-3774; dsl2121@columbia.edu (hj26@columbia.edu)

Executive Committee on Undergraduate Creative Writing:

Prof. Anelise Chen, 609 Kent; 212-854-3774; ac4132@columbia.edu (hj26@columbia.edu)
 Prof. Timothy Donnelly, Poetry Division Chair, 415 Dodge; 212-854-4391; td28@columbia.edu
 Prof. Margo Jefferson, Nonfiction, 609 Kent; 212-854-3774; mlj4@columbia.edu
 Prof. Heidi Julavits, Fiction, 609 Kent; 212-854-3774; hj26@columbia.edu
 Prof. Dorothea Lasky, Poetry, 609 Kent; 212-854-3774; dsl2121@columbia.edu
 Prof. Sam Lipsyte, Fiction, 609 Kent; 212-854-4391; sam.lipsyte@columbia.edu
 Prof. Alan Ziegler, Fiction, 415 Dodge; 212-854-4391; az8@columbia.edu

The Creative Writing Program in The School of the Arts combines intensive writing workshops with seminars that study literature from a writer's perspective. Students develop and hone their literary technique in workshops. The seminars (which explore literary technique and history) broaden their sense of possibility by exposing them to various ways that language has been used to make art. Related courses are drawn from departments such as English, comparative literature and society, philosophy, history, and anthropology, among others.

Students consult with faculty advisers to determine the related courses that best inform their creative work. The creative writing major is by application only. For details, see the Creative Writing website: <http://arts.columbia.edu/writing/undergraduate> (<http://arts.columbia.edu/writing/undergraduate/>).

PROFESSORS

Margo L. Jefferson
 Benjamin Marcus
 Alan Ziegler

ASSOCIATE PROFESSORS

Susan Bernofsky
 Timothy Donnelly
 Heidi Julavits
 Dorothea Lasky
 Victor LaValle
 Sam Lipsyte
 Deborah Paredez

ASSISTANT PROFESSORS

Anelise Chen
 Shane McCrae

Ben Metcalf
 Lynn Xu

ADJUNCT PROFESSORS

Camille Bromley
 Alexander Dimitrov
 Joseph Fasano
 Will Hunt
 Crystal Hana Kim
 Marie Myung-Ok Lee
 Hilary Leichter
 Daniel Magariel
 Melody Nixon
 Tracy O'Neill
 Mark Rozzo
 John Vincler
 Rose Waldman
 Christopher Wolfe
 Samantha Zighelboim

GRADUATE FACULTY FELLOWS

Ryan Avanzado
 Synne Borgen
 Jacob Carroll
 Jessica Colley Clarke
 Elly Graf
 Molly McGhee
 Mitchell Glazier
 Kate Greene
 Jared Jackson
 Anastasios Karnazes
 Margaret Meehan
 Vivian Nixon
 Margaret Richardson
 Daniel Ryan
 Adam Schwartzman
 Gordon Slater
 Robert Taylor Supplee
 Brian Wiora
 Alex Ulloa

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 Workshop
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

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
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	Fiction Seminar: How To Build A Person
WRIT UN3117	Fiction Seminar: The Here & Now
WRIT UN3122	First Novels: How They Work
WRIT UN3120	Fiction Seminar: The Craft Of Writing Dialogue

NONFICTION

WRIT UN3213	Nonfiction Seminar: The Literary Reporter
WRIT UN3215	Nonfiction Seminar: Learning to See: Writing The Visual
WRIT UN3216	Nonfiction Seminar: Truths & Facts
WRIT UN3217	Nonfiction Seminar: Science And Sensibility

POETRY

WRIT UN2311	Poetry Seminar: Traditions in Poetry
WRIT UN3313	Poetry Seminar: The Crisis of the I
WRIT UN3314	Poetry Seminar: 21st Century American Poetry and Its Concerns
WRIT GU4310	Poetry Seminar - Witness, Record, Document: Poetry & Testimony

CROSS GENRE

WRIT GU4011	Cross Genre Seminar: Imagining Berlin
WRIT GU4012	Cross Genre Seminar: Diva Voice, Diva Style, Diva Lyrics
WRIT UN3016	Cross Genre Seminar: Walking
WRIT UN3013	Cross-Genre Seminar: Process Writing & Writing Process

Related Courses (9 points)

Drawn from various departments, these courses provide concentrated intellectual and creative stimulation, as well as exposure to ideas that enrich students' artistic instincts. Courses may be different for each student writer. Students should consult with faculty advisers to determine the related courses that best inform their creative work.

FICTION WORKSHOPS

WRIT UN1100 Beginning Fiction Workshop. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

The beginning workshop in fiction is designed for students with little or no experience writing literary texts in fiction. Students are introduced to a range of technical and imaginative concerns through exercises and discussions, and they eventually produce their own writing for the critical analysis of the class. The focus of the course is on the rudiments of voice, character, setting, point

of view, plot, and lyrical use of language. Students will begin to develop the critical skills that will allow them to read like writers and understand, on a technical level, how accomplished creative writing is produced. Outside readings of a wide range of fiction supplement and inform the exercises and longer written projects.

Fall 2019: WRIT UN1100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100 001/46809		M 6:10pm - 8:00pm 511 Kent Hall	Molly McGhee	3	9/15
WRIT 1100 002/46810		T 6:10pm - 8:00pm 511 Kent Hall	Margaret Meehan	3	12/15
WRIT 1100 003/46811		Th 4:10pm - 6:00pm 511 Kent Hall	Margaret Richardson	3	15/15
WRIT 1100 004/46812		M 2:10pm - 4:00pm 511 Kent Hall	Daniel Ryan	3	13/15
WRIT 1100 005/13539		W 2:10pm - 4:00pm 511 Kent Hall	Adam Schwartzman	3	9/15

Spring 2020: WRIT UN1100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100 001/12508		W 4:10pm - 6:00pm 511 Kent Hall	Ryan Avanzado	3	15/15
WRIT 1100 002/12520		Th 4:10pm - 6:00pm 511 Kent Hall	Elly Graff	3	15/15
WRIT 1100 003/12521		T 6:10pm - 8:00pm 511 Kent Hall	Jared Jackson	3	15/15
WRIT 1100 004/12522		W 2:10pm - 4:00pm 511 Kent Hall	Alexander Ulloa	3	15/15

WRIT UN2100 Intermediate Fiction Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Intermediate workshops are for students with some experience with creative writing, and whose prior work merits admission to the class (as judged by the professor). Intermediate workshops present a higher creative standard than beginning workshops, and increased expectations to produce finished work. By the end of the semester, each student will have produced at least seventy pages of original fiction. Students are additionally expected to write extensive critiques of the work of their peers.

Fall 2019: WRIT UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100 001/46813		M 4:10pm - 6:00pm 511 Kent Hall	Heidi Julavits	3	12/15
WRIT 2100 002/46814		T 4:10pm - 6:00pm 511 Kent Hall	Crystal Kim	3	8/15

Spring 2020: WRIT UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100 001/12532		T 4:10pm - 6:00pm Room TBA	Heidi Julavits	3	0/15
WRIT 2100 002/12534		M 4:10pm - 6:00pm 511 Kent Hall	Crystal Kim	3	0/15

WRIT UN3100 Advanced Fiction Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Building on the work of the Intermediate Workshop, Advanced Workshops are reserved for the most accomplished creative writing students. A significant body of writing must be produced and revised. Particular attention will be paid to the components of fiction: voice, perspective, characterization, and form. Students will be expected to finish several short stories, executing a total artistic vision on a piece of writing. The critical focus of the class will include an examination of endings and formal wholeness, sustaining narrative arcs, compelling a reader's interest for the duration of the text, and generating a sense of urgency and drama in the work.

Fall 2019: WRIT UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100 001/46806		Th 6:10pm - 8:00pm 502 Northwest Corner	John Haskell	3	6/15
WRIT 3100 002/46807		M 6:10pm - 8:00pm 613 Hamilton Hall	Hilary Leichter	3	10/15

Spring 2020: WRIT UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100 001/12539		M 2:10pm - 4:00pm Room TBA	Marie Lee	3	0/15
WRIT 3100 002/12541		W 2:10pm - 4:00pm Room TBA	Samuel Lipsyte	3	0/15

WRIT UN3101 Senior Fiction Workshop. 4 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Seniors who are majors in creative writing are given priority for this course. Enrollment is limited, and is by permission of the professor. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. Students in the senior workshops will produce and revise a new and substantial body of work. In-class critiques and conferences with the professor will be tailored to needs of each student.

Fall 2019: WRIT UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101 001/46767		T 12:10pm - 2:00pm 224 Pupin Laboratories	Therese O'Neill	4	13/12

Spring 2020: WRIT UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101 001/12545		W 12:10pm - 2:00pm Room TBA	Victor Lavalle	4	0/12

FICTION SEMINARS

WRIT UN2110 Fiction Seminar: Approaches to the Short Story. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

The modern short story has gone through many transformations, and the innovations of its practitioners have often pointed the way for prose fiction as a whole. The short story has been seized upon and refreshed by diverse cultures and aesthetic affiliations, so that perhaps the only stable definition of the form remains the famous one advanced by Poe, one of its early masters, as a work of fiction that can be read in one sitting. Still, common elements of the form have emerged over the last century and this course will study them, including Point of View, Plot, Character, Setting, and Theme. John Hawkes once famously called these last four elements the "enemies of the novel," and many short story writers have seen them as hindrances as well. Hawkes later recanted, though some writers would still agree with his earlier assessment, and this course will examine the successful strategies of great writers across the spectrum of short story practice, from traditional approaches to more radical solutions, keeping in mind how one period's revolution - Hemingway, for example - becomes a later era's mainstream or "common-sense" storytelling mode. By reading the work of major writers from a writer's perspective, we will examine the myriad techniques employed for what is finally a common goal: to make readers feel. Short writing exercises will help us explore the exhilarating subtleties of these elements and how the effects created by their manipulation or even outright absence power our most compelling fictions.

Fall 2019: WRIT UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2110	001/46921	W 4:10pm - 6:00pm 412 Pupin Laboratories	Juliane Buntin	3	18/15

WRIT UN3115 Fiction Seminar: Make It Strange. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Making the familiar strange, making the strange familiar: these are among the most dexterous, variously re-imagined, catholically deployed, and evergreen of literary techniques. From Roman Jakobson and the Russian Formalists, to postmodern appropriations of pop culture references, techniques of defamiliarization and the construction of the uncanny have helped literature succeed in altering the vision of habit, habit being that which Proust so aptly describes as a second nature which prevents us from knowing the first. In this course, we will examine precisely how writers have negotiated and presented the alien and the domestic, the extraordinary and the ordinary. Looking at texts that both intentionally and unintentionally unsettle the reader, the class will pay special attention to the pragmatics of writerly choices made at the levels of vocabulary, sentence structure, narrative structure, perspective, subject matter, and presentations of time. Students will have four creative and interrelated writing

assignments, each one modeling techniques discussed in the preceding weeks.

Spring 2020: WRIT UN3115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3115	001/12553	M 2:10pm - 4:00pm 511 Kent Hall	Therese O'Neill	3	17/15

WRIT UN3120 Fiction Seminar: The Craft Of Writing Dialogue. 3 points.

Prerequisites: No prerequisites. Departmental approval NOT required.

Whether texting, chatting, conversing, speechifying, recounting, confiding, gossiping, tweeting, praying, interviewing, exhorting, pitching, scheming, lecturing, nagging or begging, humans love to talk, and readers love narratives that contain dialogue. Good dialogue makes characters and scenes feel real and alive. Great dialogue reveals characters' fears, desires and quirks, forwards the narrative's plot and dramatic tension, and often contains subtext.

In this course, we'll read different kinds of novels and stories -- from noir to horror to sci-fi to realistic drama to comic romp -- that implement various types of dialogue effectively, and we'll study how to do it. We'll read essays by masters that explain techniques for writing great dialogue, and we'll practice writing different styles of dialogue ourselves. Coursework will consist of reading, in-class exercises, and two short creative assignments.

Fall 2019: WRIT UN3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3120	001/46808	W 4:10pm - 6:00pm 511 Kent Hall	Daniel Magariel	3	16/15

WRIT UN3123 An Earnest Look At Irony. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

In this seminar, we will examine works by several accomplished writers of fiction, and a few crackerjack poets, in order to determine what, precisely, we mean when we talk about irony on the page and what, precisely, we mean when we talk about earnestness. How are these very different effects (and affects) achieved? What are their benefits to the student author? What pitfalls, perceived or otherwise, attend the allure of each? What is the relationship of humor to earnestness, and of seriousness to irony? Is the absence of irony really the same thing as earnestness? Does the absence of earnestness somehow necessitate irony? With an eye toward technique, we will attempt to answer these and further questions by time spent among the words of those who fall along, though often refuse to stay put on, the earnest-ironic continuum. Students will be expected to write three stories or essays throughout the semester, exploring for themselves this treacherous but eminently skiable slope. With readings from Robert Frost, Stevie Smith, Charles Baudelaire, Amiri Baraka (LeRoi Jones), James Joyce, Raymond Carver, James Baldwin, Vladimir Nabokov, Joan Didion, Donald Barthelme, George Saunders, Virginia Woolf, Zadie Smith, Gertrude Stein, Jamaica

Kincaid, Jame Agee, Isak Dinsen, David Foster Wallace, Clarice Lispector, and Paul West.

Spring 2020: WRIT UN3123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3123	001/12561	M 4:10pm - 6:00pm Room TBA	Ben Metcalf	3	17/15

WRIT UN3126 Animal Tales. 3 points.

"We polish an animal mirror to look for ourselves." -Donna Haraway

In the last several decades, Animal Studies has emerged as a robust interdisciplinary field that once again seeks to engage with "the question of the animal," as Derrida puts it. In this course, we will look at works of cultural production that explore the myriad relationships between human and nonhuman animals. We will read stories that dissolve the barrier between the domestic and the wild. We will read stories about human-animal hybrids. We will read stories from an animal's-eye-view, imagining the world as an animal might: as a worm digging through the dirt toward an imagined utopia, as an elephant seeking vengeance against poachers, as a cultivated monkey exhausted by the cruelty of human society.

As the popular post-humanist scholar Donna Haraway puts it: We polish an animal mirror to look at ourselves. What can animals teach us about ourselves, and more importantly, what can animals teach us about how to survive our own nature? In the midst of this sixth extinction, animals are disappearing at a rapid rate due to human activity. Will it still be possible to cohabit peacefully, ecologically, with one another? By imagining the private lives of animals and writing stories from their perspective, can we still intervene and cultivate the necessary cross-species connections that will carry us into a more just and entwined future?

Spring 2020: WRIT UN3126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3126	001/16882	Th 2:10pm - 4:00pm Room TBA	Anelise Chen	3	15/15

WRIT UN3127 Time Moves Both Ways. 3 points.

What is time travel, really? We can use a machine or walk through a secret door. Take a pill or fall asleep and wake up in the future. But when we talk about magic machines and slipstreams and Rip Van Winkle, we are also talking about memory, chronology, and narrative. In this seminar, we will approach time travel as a way of understanding "the Fourth Dimension" in fiction. Readings will range from the speculative to the strange, to the realism of timelines, flashbacks, and shifts in perspective. Coursework will include short, bi-weekly writing assignments, a completed short story, and a time inflected adaptation.

Spring 2020: WRIT UN3127

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3127	001/16886	T 12:10pm - 2:00pm 511 Kent Hall	Hilary Leichter	3	15/15
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NONFICTION WORKSHOPS

WRIT UN1200 Beginning Nonfiction Workshop. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

The beginning workshop in nonfiction is designed for students with little or no experience in writing literary nonfiction. Students are introduced to a range of technical and imaginative concerns through exercises and discussions, and they eventually submit their own writing for the critical analysis of the class. Outside readings supplement and inform the exercises and longer written projects.

Fall 2019: WRIT UN1200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/46800	Th 2:10pm - 4:00pm 511 Kent Hall	Synne Borgen	3	13/15
WRIT 1200	002/46801	W 12:10pm - 2:00pm 511 Kent Hall	Gordon Slater	3	12/15

Spring 2020: WRIT UN1200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/12514	M 6:10pm - 8:00pm 511 Kent Hall	Jacob Carroll	3	15/15
WRIT 1200	002/12518	W 4:10pm - 6:00pm Room TBA	Jessica Colley Clarke	3	15/15
WRIT 1200	003/12513	M 10:10am - 12:00pm 511 Kent Hall	Vivian Nixon	3	15/15

WRIT UN2200 Intermediate Nonfiction Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

The intermediate workshop in nonfiction is designed for students with some experience in writing literary nonfiction. Intermediate workshops present a higher creative standard than beginning workshops and an expectation that students will produce finished work. Outside readings supplement and inform the exercises and longer written projects. By the end of the semester, students will have produced thirty to forty pages of original work in at least two traditions of literary nonfiction.

Fall 2019: WRIT UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/46815	Th 12:10pm - 2:00pm 511 Kent Hall	John Vincler	3	8/15

Spring 2020: WRIT UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/12535	Th 4:10pm - 6:00pm Room TBA	Will Hunt	3	1/15

WRIT UN3200 Advanced Nonfiction Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Advanced Nonfiction Workshop is for students with significant narrative and/or critical experience. Students will produce original literary nonfiction for the workshop, with an added focus on developing a distinctive voice and approach.

Fall 2019: WRIT UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3200	001/46924	Th 4:10pm - 6:00pm 301m Fayerweather	Will Hunt	3	15/15

WRIT UN3201 Senior Nonfiction Workshop. 4 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Senior Nonfiction Workshop

Spring 2020: WRIT UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3201	001/12562	T 6:10pm - 8:00pm Room TBA	Camille Bromley	4	0/12

NONFICTION SEMINARS**WRIT UN2211 Nonfiction Seminar: Traditions in Nonfiction. 3 points.**

Prerequisites: No prerequisites. Department approval NOT required.

The seminar provides exposure to the varieties of nonfiction with readings in its principal genres: reportage, criticism and commentary, biography and history, and memoir and the personal essay. A highly plastic medium, nonfiction allows authors to portray real events and experiences through narrative, analysis, polemic or any combination thereof. Free to invent everything but the facts, great practitioners of nonfiction are faithful to reality while writing with a voice and a vision distinctively their own.

To show how nonfiction is conceived and constructed, class discussions will emphasize the relationship of content to form and style, techniques for creating plot and character under the factual constraints imposed by nonfiction, the defining characteristics of each author's voice, the author's subjectivity and presence, the role of imagination and emotion, the uses of humor, and the importance of speculation and attitude. Written assignments will be opportunities to experiment in several nonfiction genres and styles.

Fall 2019: WRIT UN2211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2211	001/46816	T 4:10pm - 6:00pm 616 Hamilton Hall	Elianna Kan	3	13/15

Spring 2020: WRIT UN2211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2211	001/16121	M 6:10pm - 8:00pm Room TBA	Mark Rozzo	3	15/15

WRIT UN3210 Nonfiction Seminar: The Modern Arts Writer. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

We will examine the lineaments of critical writing. A critic blends the subjective and objective in complex ways. A critic must know the history of an artwork, its past, while placing it on the contemporary landscape and contemplating its future. A single essay will analyze, argue, describe, reflect, and interpret. And, since examining a work of art also means examining oneself, the task includes a willingness to probe one's own assumptions. The best critics are engaged in a conversation -- a dialogue, a debate -- with changing standards of taste, with their audience, with their own convictions and emotions. The best criticism is part of a larger cultural conversation. It spurs readers to ask questions rather than accept answers about art and society. We will read essays that consider six art forms: literature; film; music (classical, jazz and popular); theatre and performance; visual art; and dance. At the term's end, students will consider essays that examine cultural boundaries and divisions: the negotiations between popular and high art; the aesthetic of cruelty; the post-modern blurring of and between artist, critic and fan. The reading list will include such writers as Virginia Woolf, George Orwell, Elizabeth Hardwick (literature); James Agee, Manny Farber, Zadie Smith (film); G.B. Shaw, Willa Cather, Ralph Ellison, Lester Bangs, Ellen Willis (music); Eric Bentley, Mary McCarthy, C.L.R. James (theatre); Leo Steinberg, Frank O'Hara, Ada Louise Huxtable, Maggie Nelson (visual art); Edwin Denby, Arlene Croce, Elizabeth Kendall, Mindy Aloff (dance); Susan Sontag, Anthony Heilbut, John Jeremiah Sullivan (cultural criticism).

Fall 2019: WRIT UN3210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3210	001/46754	T 2:10pm - 4:00pm 511 Kent Hall	Margo Jefferson	3	14/15

WRIT UN3219 Writing as Collecting. 3 points.

In **Writing as Collecting** we will examine how the concept of collecting provides a way to think through writing. We will read writing based from art, archives, and other collections, from antiquity to the contemporary, from the commonplace to the rarified. We will consider how writers have written distinctively through a collecting impulse or about specific collections. While our focus will be on works of nonfiction, we will also take forays into fiction, poetry, visual art, and the cinematic essay. Students will present on specific objects or collections, and two classes will take place in the Rare Book and Manuscript Library (located on the 6th floor of Butler Library): the first as an introduction and orientation to the collections with a discussion of how research can feed creative writing, and, the second, for an in-class exercise in writing creatively about an specific object or collection (a book, manuscript, archival box, etc.). Students will be encouraged to

write about their own collections and to use the many public (or private) collections found throughout the city of New York.

Spring 2020: WRIT UN3219

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3219	001/12567	Th 12:10pm - 2:00pm Room TBA	John Vincler	3	17/15

WRIT UN3221 Auto-Writing the Self. 3 points.

"I am beginning to realize that taking the self out of our essays is a form of repression," writes Kate Zambreno in *Heroines*, "there is nothing objective about the experience of confronting and engaging with literature." From autobiography to autofiction, and autoethnography to autotheory, the subjective self in literature has become a literary obsession, feminist device, and cultural touchstone in the US this decade, bringing with it cultural cachet and new publishing categories in commercial and academic venues. But the auto's literary roots extend back through 16th century France to 10th century Japan to 4th century Numidia, and beyond—and they radiate outward to encompass trans poetics, Black Studies, psychology, and ethnography.

In this course we'll confront directly the subjective self in a range of U.S. and international literary and theory works. We'll review the audacity of self-assertion from Montaigne's 16th-century efforts to Roland Barthes' postmodern innovation in Roland Barthes, and the politics of auto from Christina Crosby's self-imaging in *A Body*, Undone to Audre Lorde's subversion of discourses of "theory" in *Zami*. We'll seek to ask: What does the grappling with the self indicate about a society's political, cultural, and literary concerns? Is our present-day obsession with personal narrative individualist self-indulgence, or an historical mode of inquiry with subversive power? We'll conduct a sustained inquiry into the auto's aesthetic, political, and rhetorical forms, while allowing ourselves to be moved creatively by the transgressions of genre conventions and philosophical discourses that auto-work precipitates.

The course will be conducted seminar style and we'll consider our guiding questions through classroom discussion and writing exercises based on close readings as well as selections from interviews, criticism, and response articles. Based on an understanding of the form developed over the course of the seminar, participants will be asked to produce creative responses to course readings, which we will workshop in the second half of the semester. The final project will be an extended meditation on the auto through creative, critical, or hybrid critical-creative entry points.

Spring 2020: WRIT UN3221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3221	001/34882	T 2:10pm - 4:00pm 511 Kent Hall	Melody Nixon	3	6/15

POETRY WORKSHOPS

WRIT UN1300 Beginning Poetry Workshop. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

The beginning poetry workshop is designed for students who have a serious interest in poetry writing but who lack a significant background in the rudiments of the craft and/or have had little or no previous poetry workshop experience. Students will be assigned weekly writing exercises emphasizing such aspects of verse composition as the poetic line, the image, rhyme and other sound devices, verse forms, repetition, tone, irony, and others. Students will also read an extensive variety of exemplary work in verse, submit brief critical analyses of poems, and critique each other's original work.

Fall 2019: WRIT UN1300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1300	001/46802	M 4:10pm - 6:00pm 301m Fayerweather	Todd Glazier	3	12/15
WRIT 1300	002/46803	T 2:10pm - 4:00pm 602 Northwest Corner	Brian Wiora	3	13/15

Spring 2020: WRIT UN1300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1300	001/12528	W 6:10pm - 8:00pm 511 Kent Hall	Katherine Greene	3	15/15
WRIT 1300	002/12530	Th 2:10pm - 4:00pm 511 Kent Hall	Anastasios Karnazes	3	16/15

WRIT UN2300 Intermediate Poetry Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Intermediate poetry workshops are for students with some prior instruction in the rudiments of poetry writing and prior poetry workshop experience. Intermediate poetry workshops pose greater challenges to students and maintain higher critical standards than beginning workshops. Students will be instructed in more complex aspects of the craft, including the poetic persona, the prose poem, the collage, open-field composition, and others. They will also be assigned more challenging verse forms such as the villanelle and also non-European verse forms such as the pantoum. They will read extensively, submit brief critical analyses, and put their instruction into regular practice by composing original work that will be critiqued by their peers. By the end of the semester each student will have assembled a substantial portfolio of finished work.

Fall 2019: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2300	001/46804	W 2:10pm - 4:00pm 313 Pupin Laboratories	Alexander Dimitrov	3	15/15

Spring 2020: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 2300 001/12536 W 6:10pm - 8:00pm Dorothea 3 0/15
Room TBA Lasky

WRIT UN3300 Advanced Poetry Workshop. 3 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

This poetry workshop is reserved for accomplished poetry writers and maintains the highest level of creative and critical expectations. Students will be encouraged to develop their strengths and to cultivate a distinctive poetic vision and voice but must also demonstrate a willingness to broaden their range and experiment with new forms and notions of the poem. A portfolio of poetry will be written and revised with the critical input of the instructor and the workshop.

Fall 2019: WRIT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3300 001/46766		W 10:10am - 12:00pm 511 Kent Hall	Shane McCrae	3	12/15

WRIT UN3301 Senior Poetry Workshop. 4 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Seniors who are majors in creative writing are given priority for this course. Enrollment is limited, and is by permission of the professor. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. Students in the senior workshops will produce and revise a new and substantial body of work. In-class critiques and conferences with the professor will be tailored to needs of each student.

Spring 2020: WRIT UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3301 001/12563		Th 12:10pm - 2:00pm 511 Kent Hall	Lynn Xu	4	0/12

POETRY SEMINARS

WRIT UN2311 Poetry Seminar: Traditions in Poetry. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

The avenues of poetic tradition open to today's poets are more numerous, more invigorating, and perhaps even more baffling than ever before. The routes we chose for our writing lead to destinations of our own making, and we take them at our own risk—necessarily so, as the pursuit of poetry asks each of us to light a pilgrim's candle and follow it into the moors and lowlands, through wastes and prairies, crossing waters as we go. Go after the marshlights, the will-o-wisps who call to you in a voice you've longed for your whole life. These routes have been forged by those who came before you, but for that reason, none of them can hope

to keep you on it entirely. You must take your steps away, brick by brick, heading confidently into the hinterland of your own distinct achievement.

For the purpose of this class, we will walk these roads together, examining the works of classic and contemporary exemplars of the craft. By companioning poets from a large spread of time, we will be able to more diversely immerse ourselves in what a poetic "tradition" truly means. We will read works by Edmund Spencer, Dante, and Goethe, the Romantics—especially Keats—Dickinson, who is mother to us all, Modernists, and the great sweep of contemporary poetry that is too vast to individuate.

While it is the imperative of this class to equip you with the knowledge necessary to advance in the field of poetry, this task shall be done in a Columbian manner. Consider this class an initiation, of sorts, into the vocabulary which distinguishes the writers who work under our flag, each of us bound by this language that must be passed on, and therefore changed, to you who inherit it. As I have learned the words, I have changed them, and I give them now to you so that you may pave your own way into your own ways, inspired with the first breath that brought you here, which may excite and—hopefully—frighten you. You must be troubled. This is essential.

Fall 2019: WRIT UN2311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2311 001/13537		T 12:10pm - 2:00pm 511 Kent Hall	Robert Supplee	3	9/15

WRIT UN3315 Poetry Seminar: Poetic Meter And Form. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

This course will investigate the uses of rhythmic order and disorder in English-language poetry, with a particular emphasis on 'formal' elements in 'free' verse. Through a close analysis of poems, we'll examine the possibilities of qualitative meter, and students will write original creative work within (and in response to) various formal traditions. Analytical texts and poetic manifestos will accompany our reading of exemplary poems. Each week, we'll study interesting examples of metrical writing, and I'll ask you to write in response to those examples. Our topics will include *stress meter*, *syllable-stress meter*, *double and triple meter*, *rising and falling rhythms*, *promotion*, *demotion*, *inversion*, *elision*, and *foot scansion*. Our study will include a greater range of pre-modern and modern writers, from Keats to W.D. Snodgrass, Shakespeare to Denise Levertov, Blake to James Dickey, Whitman to Louise Glück etc. As writers, we'll always be thinking about how the *formal choices* of a poem are appropriate or inappropriate for the poem's *content*. We'll also read prose by poets describing their metrical craft.

Spring 2020: WRIT UN3315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3315 001/12568 T 2:10pm - 4:00pm Joseph 3 17/15
Room TBA Fasano

WRIT UN3316 West to East: The San Francisco Renaissance and the New York School in American Poetry. 3 points.

This course examines two central movements in post World War II American poetry, The San Francisco Renaissance and The New York School, and uncovers their aesthetic impacts on language and cultural production, as well as the relationship to "the city" as a defining agent in the poetic imagination.....

Spring 2020: WRIT UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3316 001/16364		T 12:10pm - 2:00pm Room TBA	Alexander Dimitrov	3	15/15

CROSS GENRE SEMINARS

WRIT UN3011 Translation Seminar. 3 points.

Prerequisites: No prerequisites. Students do not need to demonstrate bilingual ability to take this course. Department approval NOT needed.

Corequisites: This course is open to undergraduate & graduate students.

This course will explore broad-ranging questions pertaining to the historical, cultural, and political significance of translation while analyzing the various challenges confronted by the art's foremost practitioners. We will read and discuss texts by writers and theorists such as Benjamin, Derrida, Borges, Steiner, Dryden, Nabokov, Schleiermacher, Goethe, Spivak, Jakobson, and Venuti. As readers and practitioners of translation, we will train our ears to detect the visibility of invisibility of the translator's craft; through short writing experiments, we will discover how to identify and capture the nuances that traverse literary styles, historical periods and cultures. The course will culminate in a final project that may either be a critical analysis or an original translation accompanied by a translator's note of introduction.

Fall 2019: WRIT UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3011 001/46923		W 6:10pm - 8:00pm 511 Kent Hall	Bonnie Chau	3	4/15

Spring 2020: WRIT UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3011 001/12531		M 12:10pm - 2:00pm Room TBA	Rose Waldman	3	10/15

WRIT UN3014 Cross Genre Seminar: Structure and Style. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

This seminar explores fiction, nonfiction, poetry and drama as related disciplines. While each genre has its particular opportunities and demands, all can utilize such devices as narrative, dialogue, imagery, and description (scenes, objects, and thought processes). Through a wide variety of readings

and writing exercises, we will examine and explore approaches to language, ways of telling a story (linear and nonlinear), and how pieces are constructed. Some student work will be briefly workshoped.

Fall 2019: WRIT UN3014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3014 001/46805		Th 6:10pm - 8:00pm 511 Kent Hall	Alan Ziegler	3	12/15

Spring 2020: WRIT UN3014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3014 001/16226		T 4:10pm - 6:00pm 511 Kent Hall	Daniel Magariel	3	16/15

WRIT UN3016 Cross Genre Seminar: Walking. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

As Walter Benjamin notes in *The Arcades Project*: "Basic to flanerrie, among other things, is the idea that the fruits of idleness are more precious than the fruits of labor. The flaneur, as is well known, makes 'studies'." This course will encourage you to make "studies" -- poems, essays, stories, or multimedia pieces -- based on your walks. We will read depictions of walking from multiple disciplines, including philosophy, poetry, history, religion, visual art, and urban planning. Occasionally we will walk together. An important point of the course is to develop mobile forms of writing. How can writing emerge from, and document, a walk's encounters, observations, and reflections? What advantages does mobility bring to our work? Each week you will write a short piece (1-3 pages) that engages your walks while responding to close readings of the assigned material.

Fall 2019: WRIT UN3016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3016 001/46818		Th 10:10am - 12:00pm 511 Kent Hall	John Cotner	3	16/15

WRIT UN3017 Incarcerated Yet Inspired: Exploring Criminal Justice Through Creative Writing. 3 points.

Welcome to the Incarcerated Yet Inspired, a cross-genre, creative writing seminar. Over the course of this semester, we will conduct a close reading of literary works that are based on the lives of individuals who have been ostracized, incarcerated, and isolated from their communities. While some of the writers we will study have been personally affected by the criminal justice system, others have drawn upon their research, observations, and experiences working in prisons to tell a compelling story. Through our weekly analysis and discussion, we will explore the thematic elements and artistic choices each writer employs in their work. We will also challenge our existing thoughts about prisons as an institution and develop a better understanding of how the prism of art and justice can be valuable to you as writers.

Spring 2020: WRIT UN3017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3017 001/25039 W 12:10pm -
2:00pm Christopher 3 11/15
511 Kent Hall Wolfe

WRIT UN3018 Inhabiting Form: Writing the Body. 3 points.

The body is our most immediate encounter with the world, the vessel through which we experience our entire lives: pleasure, pain, beauty, horror, limitation, freedom, fragility and empowerment. In this course, we will pursue critical and creative inquiries into invocations and manifestations of the body in multiple genres of literature and in several capacities. We will look at how writers make space for—or take up space with—bodies in their work.

The etymology of the word “text” is from the Latin *textus*, meaning “tissue.” Along these lines, we will consider the text itself as a body. Discussions around body politics, race, gender, ability, illness, death, metamorphosis, monstrosity and pleasure will be parallel to the consideration of how a text might function itself as a body in space and time. We will consider such questions as: What is the connective tissue of a story or a poem? What is the nervous system of a lyric essay? How is formal constraint similar to societal ideals about beauty and acceptability of certain bodies? How do words and language function at the cellular level to build the body of a text? How can we make room to honor, in our writing, bodies that have otherwise been marginalized?

We will also consider non-human bodies (animals & organisms) and embodiments of the supernatural (ghosts, gods & specters) in our inquiries. Students will process and explore these ideas in both creative and analytical writings throughout the semester, deepening their understanding of embodiment both on and off the page.

Spring 2020: WRIT UN3018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3018 001/25040		M 12:10pm - 2:00pm 511 Kent Hall	Samantha Zigelboim	3	9/15

WRIT GU4310 Poetry Seminar - Witness, Record, Document: Poetry & Testimony. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

This seminar takes up the terms witness, record, and document as nouns and verbs. What is poetry of witness? Documentary poetry? Poetry as (revisionist) historical record? What labor and what ethical, political, and aesthetic considerations are required of poets who endeavor to witness, record, or document historical events or moments of trauma? How is this approach to poetry informed by or contributing to feminist theories, aesthetic innovation, and revisionist approaches to official histories? Course materials include: 1) essays that explore the poetics and politics of “poetry of witness” or “documentary poetry”; 2) a range of contemporary American Poetry that has been classified as or has productively challenged these categories; 3) and audio, video, and photographic projects on which poets have collaborated. Our encounters with this work will be guided by and grounded in conversations about ideas of “truth,” “text,” the power relations of “documentation,”

and issues of language and representation in poetry. We will also critically examine the formal (rhyme, rhythm, diction, form, genre, point of view, imagery, etc.) and philosophical components and interventions of the work we study and create.

Fall 2019: WRIT GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 4310 001/46840		W 10:00am - 12:00pm 411 Dodge Building	Deborah Paredes	3	16/15

DANCE

310 Barnard Hall
212-854-2995
dance@barnard.edu
Department Assistant: Diane Roe

THE DEPARTMENT OF DANCE

Mission

The Barnard College Department of Dance, located in a world dance capital, offers an interdisciplinary program that integrates the study of dance within a liberal arts setting of intellectual and creative exploration. The major builds upon studio courses, the Department's productions at Miller Theater, New York Live Arts, and other venues, as well as a rich array of dance studies courses, allowing students' creative work to develop in dialogue with critical inquiry into the history, culture, theory and forms of western and non-western performance, typically enhanced by study in other disciplines. Students work with accomplished artists whose work enriches contemporary American dance; they also study with outstanding research scholars.

Making, thinking about, and writing about art are an essential part of the liberal arts education. For this reason, the Department of Dance offers technique courses for students of all levels of expertise, while opening its other courses to majors and non-majors alike, who may also audition for its productions. The Department partners with cultural institutions in New York City to connect students with the professional world.

Student Learning Outcomes for the Major and Concentration

Students graduating with a major in Dance should be able to attain the following outcomes:

- Apply critical thinking, reading, and writing skills to dance-related texts and choreography.
- Develop the knowledge and research skills to explore the dance past in writing, orally, and in performance.
- Present interpretations of dance-related texts orally, in writing, and in performance.
- Apply library, archival, and internet research skills to dance scholarship and choreography.

- Demonstrate improved efficiency and expressivity in dance technique.
- Demonstrate growing technical understanding and fluency in dance technique.
- Create original dances, dance/theater works or dance-based, mixed media works.
- Collaborate with an artist in the creation of original dance works.
- Participate in the creative process through the creation and interpretation of choreography.
- Apply interdisciplinary research methods to dance scholarship and choreography.
- Apply historical research methods to dance scholarship and choreography.
- Demonstrate conceptual and methodological approaches for studying world dance forms through research and writing.
- Demonstrate the ability to understand cultural and historical texts in relation to dance forms.
- Apply anatomical knowledge to movement and movement concepts.
- Evaluate the theoretical and artistic work of peers.
- Communicate with an audience in oral presentations and dance performance.
- Understand and interpret the language and form of an artist's choreography.
- Solve technical problems in dance movement.
- Apply musical knowledge to movement and choreography.
- Design choreographic movement and structures.

Dance Technique Courses

Level I courses, except for global and somatic courses, have no prerequisite and students receive a Pass/Fail grade. All other courses must be taken for a letter grade and require a placement audition (held at the first meeting of classes) or the permission of the instructor. These courses may be taken to fulfill the physical education requirement.

Ballet

Technique of classical ballet emphasizing proper alignment and graduated study of its vocabulary. Artistry of articulation, phrasing, dynamics, and nuance in the broad range of classical materials are addressed at each level.

Modern

The study of contemporary dance based on the work of the 20th and 21st century innovators. Aesthetic principles of modern dance will be taught with increased technical demands required at each successive level.

Global and Somatic Forms

The study of dance forms including classical Spanish, Jazz, Tap, West African, Afro-Cuban, and Indian.

Professor: Paul A. Scolieri (Chair & Director of Undergraduate Studies)

Professor of Professional Practice: Colleen Thomas-Young

Associate Professor of Professional Practice: Marjorie Folkman

Assistant Professor: Seth Williams (*on leave in 2019-20*)

Assistant Professor of Professional Practice: Gabri Christa

Senior Associate: Katie Glasner (*on leave in 2019-20*)

Adjunct Faculty: Cynthia Anderson, Jennifer Archibald, Lisa Boudreau, Rebecca Bliss, Siobhan Burke, Maguette Camara, Antonio Carmena, Mary Carpenter, Uttara Coolawala, Elisa Davis, Caroline Fermin, Allegra Kent, Katiti King, Melinda Marquez, Vincent Mc Closkey, Jodi Melnick, Margaret Morrison, Brian Reeder, Kathryn Sullivan, Caitlin Trainor, Ashley Tuttle

Lida A. Orzeck '68 Distinguished Artist-in-Residence: Yvonne Rainer

Artists in Residence (Fall 2019): Doug Varone & Dancers, Davalois Fearon

Technical Director and Lighting Designer: Tricia Toliver

Music Director: Robert Boston

Senior Administrative Assistant: Diane Roe

MAJOR IN DANCE (FOR STUDENTS ENTERING IN FALL 2011 OR LATER)

Majors must complete eleven academic courses (six required, five elective) and a minimum of eight 1-point technique courses. All majors write a senior thesis as part of their coursework.

The required courses for the major in dance are distributed as follows:

Dance History

The following two courses in Dance History must be completed before the fall of the senior year:

DNCE BC2565	World Dance History	3
DNCE BC3001	Western Theatrical Dance from the Renaissance to the 1960s	3

Movement Science

Select one or more of the following:

DNCE BC2501	Biomechanics for the Dancer: Theory and Practice	3
DNCE BC2562	Movement Analysis	3

Composition

One course in Composition must be completed before the fall of the senior year.

DNCE BC2564	Dance Composition: Content	3
DNCE BC3565	Composition: Collaboration and the Creative Process	3
DNCE BC3566	Composition: Site Specific and Experimental Methods	3
DNCE BC2563	Dance Composition: Form	3

Senior Work

Seniors planning to write a combined thesis must request approval from both departments and notify the Registrar. All majors must complete two semesters of senior work. The following course, which culminates in a 25-30-page written thesis and an oral presentation to the Department at the end of the semester, is required of all seniors:

DNCE BC3591	Senior Seminar in Dance	4
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In addition, all majors must take one of the following two courses, depending on whether the senior requirement is completed with a creative project or a two-semester written thesis:	3-4
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DNCE BC3592	Senior Project: Research for Dance	4
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DNCE BC3593	Senior Project: Repertory for Dance	3
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Students who are double majors may request permission to write a two-semester combined thesis.

Electives

Five additional 3- or 4-point courses, chosen in consultation with the major advisor, are required. Electives may be chosen from among the departmental offerings listed above or below, including additional coursework in Composition, Movement Science, and/or Senior Work beyond the major requirement.	15-20
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History/Criticism:

DNCE BC2570	Dance in New York City
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DNCE BC2575	Choreography for the American Musical
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DNCE BC2580	Tap as an American Art Form
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DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography
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DNCE BC3200	Dance in Film
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DNCE BC3567	Dance of India
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DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion
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DNCE BC3575	George Balanchine and the Reinvention of Modern Ballet
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DNCE BC3576	Dance Criticism
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DNCE BC3577	Performing the Political: Embodying Change in American Performance
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DNCE BC3578	Traditions of African-American Dance
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DNCE BC3580	History of Social Dancing: Dance Craze from the Waltz to Flash Mobs
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DNCE BC3583	Gender and Historical Memory in American Dance of the 1930's to the Early 1960's
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DNCE BC3980	Performing the Political: Embodying Change in American Performance
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DNCE BC3981	Inventing American Modern Dance: Ruth St. Denis and Ted Shawn
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DNCE BC3982	Diaghilev's Ballets Russes and Its World
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Studio/Performance:

DNCE BC2555	Ensemble Dance Repertory (Modern Dance)
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DNCE BC2556	Ensemble Dance Repertory: Ballet
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DNCE BC2557	Evolution of Spanish Dance Style
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DNCE BC2558	Tap Ensemble
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DNCE BC2567	Music for Dance
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DNCE BC3571	Solo Repertory: Performance Styles
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DNCE BC3601 - DNCE BC3604	Rehearsal and Performance in Dance and Rehearsal and Performance in Dance
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Overview of Major Requirements (11 total, plus 8 technique courses)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 5 Electives
- 8 Technique Courses

MAJOR IN DANCE

(for students declaring a major before Fall 2011)

Majors must fulfill an eleven-course requirement, including the DNCE BC3591 Senior Seminar in Dance and either Senior Project: Research in Dance (DNCE BC3592 Senior Project: Research for Dance) or DNCE BC3593 Senior Project: Repertory for Dance, in addition to taking a minimum of eight 1-point technique courses.

To fulfill the distribution requirements, one course must be taken in each of the following four areas:

Movement Science

DNCE BC2501	Biomechanics for the Dancer: Theory and Practice	3
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DNCE BC2562	Movement Analysis	3
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ANAT BC2573	Human Anatomy and Movement	3
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Composition

DNCE BC2563	Dance Composition: Form	3
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DNCE BC2564	Dance Composition: Content	3
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DNCE BC3565	Composition: Collaboration and the Creative Process	3
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DNCE BC3566	Composition: Site Specific and Experimental Methods	3
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History

DNCE BC2565	World Dance History	3
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DNCE BC3001	Western Theatrical Dance from the Renaissance to the 1960s	3
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Writing

DNCE BC2570	Dance in New York City	3
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DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion	3
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DNCE BC3574	Inventing the Contemporary: Dance Since the 1960s	3
DNCE BC3576	Dance Criticism	3
DNCE BC3577	Performing the Political: Embodying Change in American Performance	3

Electives

In consultation with the major advisor, an additional five courses should be chosen from the courses listed above or below:

History/Criticism:

DNCE BC2575	Choreography for the American Musical
DNCE BC2580	Tap as an American Art Form
DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography
DNCE BC3567	Dance of India
DNCE BC3575	George Balanchine and the Reinvention of Modern Ballet
DNCE BC3577	Performing the Political: Embodying Change in American Performance
DNCE BC3578	Traditions of African-American Dance
DNCE BC3980	Performing the Political: Embodying Change in American Performance
DNCE BC3982	Diaghilev's Ballets Russes and Its World

Studio/Performance:

DNCE BC2555	Ensemble Dance Repertory (Modern Dance)
DNCE BC2556	Ensemble Dance Repertory: Ballet
DNCE BC2558	Tap Ensemble
DNCE BC2567	Music for Dance
DNCE BC3571	Solo Repertory: Performance Styles
DNCE BC3572	Dance Production
DNCE BC3601 - DNCE BC3604	Rehearsal and Performance in Dance and Rehearsal and Performance in Dance

Senior Work

All dance majors must complete two semesters of senior work. DNCE BC3591 Senior Seminar in Dance given in the fall semesters, requires a 25-30 page written thesis and an oral presentation to the Department at the end of the semester. The second semester is usually a performance project for which the student registers in DNCE BC3593 Senior Project: Repertory for Dance. Students may also choose to do a two-semester thesis, registering in DNCE BC3592 Senior Project: Research for Dance. Students who are double majors may request permission to do a two-semester combined thesis.

Overview of Major Requirements (11 total, plus 8 technique classes)

- 1 Movement Science
- 1 Composition
- 1 History
- 1 Writing
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 5 Electives
- 8 Technique Classes

CONCENTRATION IN DANCE

The concentration in dance is identical to the major except that only two electives are required.

For the major requirements, please see above.

Overview of Concentration Requirements (8 total, plus 8 technique classes)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 2 Electives
- 8 Technique Classes

DANCE COURSES**DNCE BC1135 Ballet, I: Beginning. 1 point.**

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Fall 2019: DNCE BC1135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1135	001/07640	M W 9:00am - 10:00am 11 Barnard Hall	Mary Carpenter	1	29/35
DNCE 1135	002/07641	T Th 9:00am - 10:00am 305 Barnard Hall	Vincent McCloskey	1	33/40
DNCE 1135	003/07642	F 12:30pm - 2:30pm 11 Barnard Hall	Paul Scolieri, Allegra Kent	1	20/35

DNCE BC1136 Ballet, I: Beginning. 1 point.**Spring 2020: DNCE BC1136**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1136	001/00552	M W 9:00am - 10:00am Room TBA	Mary Carpenter	1	35/35
DNCE 1136	002/00553	F 12:30pm - 2:30pm Room TBA	Allegra Kent	1	27/30

DNCE BC1137 Ballet, II: Advanced Beginning. 1 point.

Fall 2019: DNCE BC1137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1137	001/07653	M W 10:10am - 11:25am 110 Barnard Hall	Mary Carpenter	1	17/22
DNCE 1137	002/07654	T Th 1:10pm - 2:25pm 11 Barnard Hall	Kathryn Sullivan	1	14/32

DNCE BC1138 Ballet, II: Advanced Beginning. 1 point.

Spring 2020: DNCE BC1138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1138	001/00554	M W 10:10am - 11:25am Room TBA	Mary Carpenter	1	25/25
DNCE 1138	002/00555	T Th 1:10pm - 2:25pm Room TBA	Kathryn Sullivan	1	25

DNCE BC1247 Jazz, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333.

Intermediate level in modern or ballet technique is required.

Fall 2019: DNCE BC1247

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1247	001/07655	T Th 11:40am - 12:55pm 110 Barnard Hall	Katiti King	1	17/22

DNCE BC1248 Jazz, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333.

Intermediate level in modern or ballet technique is required.

DNCE BC1330 Modern, I: Beginning Modern Dance. 1 point.

Open to all beginning dancers.

Fall 2019: DNCE BC1330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1330	001/07656	M W 9:00am - 10:00am 305 Barnard Hall	Vincent McCloskey	1	21/35
DNCE 1330	002/07657	T Th 1:10pm - 2:25pm 305 Barnard Hall	Caitlin Trainor	1	32/45
DNCE 1330	003/07658	T Th 4:10pm - 5:25pm 110 Barnard Hall	Caitlin Trainor	1	22/20

DNCE BC1331 Modern, I: Beginning Modern Dance. 1 point.

Open to all beginning dancers.

Spring 2020: DNCE BC1331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1331	001/00691	T Th 9:00am - 10:00am Room TBA	Vincent McCloskey	1	35/35
DNCE 1331	002/00556	M W 9:00am - 10:00am Room TBA	Vincent McCloskey	1	32/35

DNCE BC1332 Modern, II: Advanced Beginning Modern Dance. 1 point.

Fall 2019: DNCE BC1332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1332	001/07675	M W 2:40pm - 3:55pm 11 Barnard Hall	Caroline Fermin	1	12/35
DNCE 1332	002/07676	T Th 11:40am - 12:55pm 305 Barnard Hall	Caitlin Trainor	1	34/45

DNCE BC1333 Modern, II: Advanced Beginning Modern Dance. 1 point.

Spring 2020: DNCE BC1333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1333	001/00557	M W 2:40pm - 3:55pm Room TBA	Caroline Fermin	1	35/35

DNCE BC1445 Tap, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333, or permission of the Dance Department. Intermediate level in modern or ballet technique is required.

DNCE BC1446 Tap, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333, or permission of the Dance Department. Intermediate level in modern or ballet technique is required.

Fall 2019: DNCE BC1446

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1446	001/07659	M W 4:10pm - 5:25pm 110 Barnard Hall	Margaret Morrison	1	18/22

DNCE BC2137 Ballet, III: Intermediate. 1 point.

Fall 2019: DNCE BC2137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2137	001/07677	T Th 2:40pm - 3:55pm 11 Barnard Hall	Kathryn Sullivan	1	14/32
DNCE 2137	002/07701	T Th 10:10am - 11:25am 110 Barnard Hall	Antonio Carmena	1	14/20

DNCE BC2138 Ballet, III: Intermediate. 1 point.

Spring 2020: DNCE BC2138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2138	001/00558	T Th 2:40pm - 3:55pm Room TBA	Kathryn Sullivan	1	23

DNCE BC2139 Ballet, IV: High Intermediate. 1 point.

Fall 2019: DNCE BC2139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2139	001/07678	T Th 4:10pm - 5:25pm 11 Barnard Hall	Marjorie Folkman	1	21/32

DNCE 002/07679 F 9:30am - 11:30am Ashley 1 40/48
2139 11 Barnard Hall Tuttle

DNCE BC2140 Ballet, IV: High Intermediate. 1 point.

Spring 2020: DNCE BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2140	001/00559	M W 1:10pm - 2:25pm Room TBA	Brian Reeder	1	27/30
DNCE 2140	002/00560	T Th 4:10pm - 5:25pm Room TBA	Marjorie Folkman	1	23/30

DNCE BC2143 Pointe: Intermediate to Advanced Study of Pointe Work for Ballet. 1 point.

Prerequisites: DNCE BC2137 or permission of department.
Focuses on developing strength and refinement that is specific to pointe work for the intermediate and advanced ballet dancer. Permission of the instructor required.

Fall 2019: DNCE BC2143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2143	001/07680	M W 11:40am - 12:55pm 110 Barnard Hall	Cynthia Anderson	1	12/22

Spring 2020: DNCE BC2143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2143	001/00561	M W 11:40am - 12:55pm Room TBA	Cynthia Anderson	1	7/25

DNCE BC2248 Jazz, II: Intermediate. 1 point.

Prerequisites: DNCE BC1247, BC1248 or permission of instructor.

DNCE BC2250 Hip Hop Dance and Culture. 1 point.

Prerequisites: Intermediate level of dance or permission of the instructor.

This Course introduces intermediate level students to urban dance styles, focusing on foundations and origins of hip-hop dance, street dance culture, and the physical vocabularies of hip-hop and freestyle dance. Classes are geared to condition the body for the rigors of hip-hop technique by developing strength, coordination, flexibility, stamina, and rhythmic awareness, while developing an appreciation of choreographic movement and structures. Compositional elements of hip-hop will be introduced and students may compose brief movement sequences. The course meets twice weekly and is held in the dance studio. Prerequisite: Intermediate level of a dance form or permission of the instructor.

Fall 2019: DNCE BC2250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2250	001/07681	M W 11:40am - 12:55pm 305 Barnard Hall	Jennifer Archibald	1	17/35

Spring 2020: DNCE BC2250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 001/00562 M W 11:40am - 12:55pm Jennifer 1 30/30
2250 Room TBA Archibald

DNCE BC2252 African Dance I. 1 point.

Prerequisites: Permission of instructor.

Concentrates on the dances of West Africa, including Senegal, Mali, and Guinea, and a variety of dances performed at various functions and ceremonies. Explanation of the origin and meaning of each dance will be an integral part of the material presented.

Fall 2019: DNCE BC2252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/07682	T Th 9:30am - 10:30am Room TBA	Maguette Camara	1	28/30
DNCE 2252	002/07683	T Th 11:40am - 12:55pm 11 Barnard Hall	Maguette Camara	1	21/30

Spring 2020: DNCE BC2252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/00563	T Th 9:30am - 10:30am Room TBA	Maguette Camara	1	30/30
DNCE 2252	002/00564	T Th 11:40am - 12:55pm Room TBA	Maguette Camara	1	30/30

DNCE BC2253 African Dance II. 1 point.

Prerequisites: DNCE BC2252 or permission of instructor.

Fall 2019: DNCE BC2253

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/07643	T Th 10:30am - 11:30am Room TBA	Maguette Camara	1	7/30

Spring 2020: DNCE BC2253

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	002/00565	T Th 10:30am - 11:30am Room TBA	Maguette Camara	1	19/30

DNCE BC2254 Classical Indian Dance. 1 point.

Principles and practices of Bharata Natyam including the adavu movement system, hasta or hand gestures, narrative techniques, or abhanaya, as well as other classical Indian dance forms.

Fall 2019: DNCE BC2254

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2254	001/07684	M W 4:10pm - 5:25pm 11 Barnard Hall	Uttara Coorlawala	1	13/35

DNCE BC2255 Afro-Cuban Dance: Orisha, Rumba, Salsa. 1 point.

Prerequisites: Permission of Instructor.

This class will introduce students to the African-based folkloric and popular dances of Cuba, including Orisha, Rumba, and Salsa. In addition to learning rhythms and dances, these forms will be

contextualized within the historical and contemporary significance of Afro-Cuban dance performance.

Fall 2019: DNCE BC2255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/07660	F 3:00pm - 5:00pm 11 Barnard Hall	Rebecca Bliss	1	38/45

Spring 2020: DNCE BC2255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/00566	F 3:00pm - 5:00pm Room TBA	Rebecca Bliss	1	40/40

DNCE BC2332 Modern, III: Intermediate Modern Dance. 1 point.

Fall 2019: DNCE BC2332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2332	001/07696	T Th 2:40pm - 3:55pm 110 Barnard Hall	Gabri Christa	1	14/22

DNCE BC2333 Modern, III: Intermediate Modern Dance. 1 point.

Spring 2020: DNCE BC2333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2333	001/00567	M W 1:10pm - 2:25pm Room TBA	Gabri Christa	1	23/35

DNCE BC2334 Modern, IV: High Intermediate Modern Dance. 1 point.

Fall 2019: DNCE BC2334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2334	001/07685	M W 1:10pm - 2:25pm 305 Barnard Hall	Caroline Fermin	1	20/35
DNCE 2334	002/07686	F 12:30pm - 2:30pm 305 Barnard Hall	Jodi Melnick	1	16/35

DNCE BC2335 Modern, IV: High Intermediate Modern Dance. 1 point.

Spring 2020: DNCE BC2335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2335	001/00568	T Th 10:10am - 11:25am Room TBA	Lisa Boudreau	1	10/35
DNCE 2335	002/00569	F 12:30pm - 2:30pm Room TBA	Jodi Melnick	1	33/35

DNCE BC2447 Tap, II: Intermediate. 1 point.

Prerequisites: DNCE BC1445, BC1446, or Permission of instructor.

Spring 2020: DNCE BC2447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2447	001/00570	M W 2:40pm - 3:55pm Room TBA	Margaret Morrison	1	21/30

DNCE BC2452 Pilates for the Dancer. 1 point.

Prerequisites: Permission of instructor or DNCE BC1330, BC1331, BC1135, BC1136.

Focus on movement practices, primarily for dancers, which introduces the concepts of Joseph Pilates, a seminal figure in creating a method of body conditioning. Learn and practice a repertory of mat work to improve body awareness, strength, flexibility, and dynamic alignment.

Fall 2019: DNCE BC2452

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/07661	M W 12:00pm - 12:55pm 11 Barnard Hall	Mary Carpenter	1	27/28

Spring 2020: DNCE BC2452

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/00571	M W 12:00pm - 12:55pm Room TBA	Mary Carpenter	1	25/25

DNCE BC2501 Biomechanics for the Dancer: Theory and Practice. 3 points.

Prerequisites: Basic knowledge of dance techniques in ballet or modern.

The purpose of this course is to introduce students to the fundamentals of biomechanics as it relates to various dance forms. As biomechanics is a branch of physics, the course will include basic mathematical concepts, and some knowledge of geometry and trigonometry is recommended. The course will explore applicable functional human anatomy and will cover the application of biomechanical principles to both qualitative and quantitative description of human movement. Additionally, it will provide an understanding of how biomechanics can be applied in terms of physical ability and wellness, giving students the opportunity to apply the knowledge to themselves.

Spring 2020: DNCE BC2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2501	001/00583	M W 10:10am - 11:25am Room TBA	Leigh Schanfein	3	10/20

DNCE BC2555 Ensemble Dance Repertory (Modern Dance). 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Intermediate level technique and permission of instructor.

Study and performance of choreography using three approaches: learning excerpts from the repertory of selected choreographers, analyzing through reconstruction of classic repertory works, and understanding the choreographic process by working in a creation from initial concept to finished dance.

DNCE BC2556 Ensemble Dance Repertory: Ballet. 3 points.

Prerequisites: Intermediate level technique and permission of Instructor.

The study and performance of choreography using three approaches: learning excerpts from the repertoire of selected choreographers, analyzing through reconstruction of classic repertory works, and understanding the choreographic process by working in a creation from initial concept to finished dance.

DNCE BC2558 Tap Ensemble. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Advanced or Intermediate level tap training and Permission of the Instructor.

A tap composition, improvisation, and performance class, for experienced tap dancers to develop skills in music, choreography, and creative rhythm-making.

DNCE BC2562 Movement Analysis. 3 points.

Prerequisites: An intermediate or advanced dance technique course or permission of instructor. Limited to 10.

Introduction to the theories and methods of movement analysis, focusing on its application to dance performance and research. Through lectures, readings, integrative movement exercises, and observation labs, students will learn to analyze and describe the qualitative aspects of human movement; to notate movement in motif writing; and to refine their ability to move efficiently and expressively.

DNCE BC2563 Dance Composition: Form. 3 points.

The study of choreography as a creative art. The development and organization of movement materials according to formal principles of composition in solo and duet forms. Applicable to all styles of dance.

Spring 2020: DNCE BC2563

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2563	001/00572	M 10:10am - 11:25am Room TBA	Gabri Christa	3	27/25

DNCE BC2564 Dance Composition: Content. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Continued study of choreography as a communicative performing art form. Focuses on the exploration of ideas and meaning. Emphasis is placed on the development of personal style as an expressive medium and unity of style in each work. Group as well as solo compositions will be assigned.

Fall 2019: DNCE BC2564

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2564	001/07687	T Th 2:40pm - 3:55pm 305 Barnard Hall	Colleen Thomas	3	24/20

DNCE BC2565 World Dance History. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Investigates the multicultural perspectives of dance in major areas of culture, including African, Asian, Hispanic, Indian, Middle Eastern, as well as dance history of the Americas through reading, writing, viewing, and discussion of a wide range of resources. These include film, original documents, demonstration, and performance.

Spring 2020: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/00573	M W 2:40pm - 3:55pm Room TBA	Paul Scolieri	3	37/35

DNCE BC2567 Music for Dance. 3 points.

Prerequisites: Previous dance experience is necessary, a comp course in the dpt is preferred, permission of instructor. This course covers basic music theory, ear training, and literature, incorporating practical exercises in which students apply musical understanding to compositional and performative modalities of movement. Students will investigate the elements of music that drive dance, the expressive influence dance can have on music, and the vital reciprocity between both activities. Emphasis will be placed on an historical survey and analysis of western musical forms from the Middle Ages to the present as well as influential music from other cultures, expanding students' awareness of the aural characteristics of a variety of musical styles while giving historical context and critical perspective on contemporary popular styles.

In addition to lectures and reading requirements, the course involves listening assignments and in-class exercises structured to develop basic musical literacy and skills. Students will be introduced to multiple approaches to listening and to creating music through a combination of studio practice, theoretical study and analysis. Exploration of musicality as perceived by performer and audience will be covered, as well as learning conventional music terminology.

Fall 2019: DNCE BC2567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2567	001/07688	M 2:40pm - 3:55pm 302 Barnard Hall	Robert Boston	3	10/20
DNCE 2567	001/07688	W 2:40pm - 3:55pm 305 Barnard Hall	Robert Boston	3	10/20

DNCE BC2570 Dance in New York City. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Study of the cultural roots and historical contexts of specific communities using New York City's dance scene as a laboratory. Students observe the social environments in which various modes of dance works are created while researching the history of dance in New York City. Course includes attendance at weekly events, lecture-demonstrations, and performances.

Fall 2019: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/07689	M W 10:10am - 11:25am 409 Barnard Hall	Elisa Davis	3	27/35
DNCE 2570	002/07699	T Th 1:10pm - 2:25pm 504 Diana Center	Marjorie Folkman	3	32/35

Spring 2020: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/00574	T Th 4:10pm - 5:25pm Room TBA	Siobhan Burke	3	30/30

ANAT BC2573 Human Anatomy and Movement. 3 points.

Corequisites: ANAT BC2574

Dancers and other movers will acquire concrete, scientific information about anatomy and integrate this knowledge into their sensed experience of movement. Through readings, lecture/discussions and movement practice, students will explore: (1) structure and function of bones and joints, (2) muscles, neuromuscular function and coordination, (3) motor cognition and learning.

Fall 2019: ANAT BC2573

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANAT 2573	001/00239	M W 10:10am - 11:25am LI020 Milstein Center	Chisa Hidaka	3	23/24

DNCE BC2580 Tap as an American Art Form. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC1446 or equivalent experience. Studio/lecture format focuses on tap technique, repertory, improvisation, and the development of tap explored through American history, jazz music, films, videos, and biographies.

Spring 2020: DNCE BC2580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2580	001/00575	M W 4:10pm - 5:25pm Room TBA	Margaret Morrison	3	8/30

DNCE BC3000 From Page to Stage: Interactions of Literature and Choreography. 3 points.

A survey of how dance and embodied performance adapt textual sources and even generate text. How do moving bodies enhance or subvert words in order to tell a story, and whose story do they tell? Includes the study of plays, poems, and political speech; and of ballet, experimental dance, dance-theater, silent film, physical theater, and puppetry

DNCE BC3001 Western Theatrical Dance from the Renaissance to the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Focuses on the history of theatre dance forms originating in Europe and America from the Renaissance to the present. Includes reading, writing, viewing, and discussion of sources such as film, text, original documentation, demonstration, and performance.

Fall 2019: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/07662	M W 11:40am - 12:55pm 409 Barnard Hall	Marjorie Folkman	3	19/40

DNCE BC3009 Independent Study. 1-4 points.**DNCE BC3138 Ballet V: Intermediate Advanced. 1 point.****Fall 2019: DNCE BC3138**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3138	001/07645	M W 1:10pm - 2:25pm 11 Barnard Hall	Brian Reeder	1	22/35
DNCE 3138	002/07646	T Th 8:40am - 9:55am 11 Barnard Hall	Antonio Carmena	1	26/35

DNCE BC3139 Ballet, V: Advanced. 1 point.**Spring 2020: DNCE BC3139**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3139	001/00576	T Th 8:40am - 9:55am Room TBA	Antonio Carmena	1	35/35
DNCE 3139	002/00577	F 9:30am - 11:30am Room TBA	Ashley Tuttle	1	30/35

DNCE BC3140 Ballet, VI: Advanced Ballet with Pointe. 1 point.**Fall 2019: DNCE BC3140**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3140	001/07663	M W 10:10am - 11:25am 11 Barnard Hall	Cynthia Anderson	1	14/35

DNCE BC3141 Ballet, VI: Advanced Ballet with Pointe. 1 point.**Spring 2020: DNCE BC3141**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3141	001/00578	M W 10:10am - 11:25am Room TBA	Cynthia Anderson	1	16/30

DNCE BC3142 Classic Variations. 1 point.**Fall 2019: DNCE BC3142**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3142	001/07692	M W 5:40pm - 6:55pm	Ashley Tuttle	1	6/10

110 Barnard Hall

Spring 2020: DNCE BC3142

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3142	001/00579	M W 5:40pm - 6:55pm Room TBA	Ashley Tuttle	1	8/12

DNCE BC3143 Classic Variations. 1 point.**DNCE BC3144 Coding Choreography. 3 points.**

This course re-conceives interactive media as a form of choreographic intervention. Instead of asking how dancers can control media, we will turn the tables to ask how interactive systems can influence movement. To accomplish this, choreographers will learn to apply computational thinking to choreography and programmers will learn to apply choreographic thinking to computation.

Spring 2020: DNCE BC3144

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3144	001/00580	W 1:10pm - 2:25pm Room TBA	Mimi Yin	3	12/13
DNCE 3144	001/00580	F 2:00pm - 5:00pm Room TBA	Mimi Yin	3	12/13

DNCE BC3150 Advanced Studio: Ballet or Modern. 1 point.

Prerequisites: Permission of Department.
May be repeated for credit up to four times.

Fall 2019: DNCE BC3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3150	001/07647		0. FACULTY	1	0

DNCE BC3200 Dance in Film. 3 points.

Survey of theatrical dance in the 20th century specific to film production. Five kinds of dance films will be examined: musicals, non-musicals, documentaries, film essays and pure dance recording.

Spring 2020: DNCE BC3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3200	001/00581	Th 2:10pm - 4:00pm Room TBA	Paul Scolieri	3	17/25

DNCE BC3249 Jazz, III: Advanced Jazz Dance. 1 point.

Prerequisites: DNCE BC2248 or permission of instructor.

Fall 2019: DNCE BC3249

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3249	001/07693	T Th 1:10pm - 2:25pm 110 Barnard Hall	Katiti King	1	13/22

Spring 2020: DNCE BC3249

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3249	001/00602	M W 4:10pm - 5:25pm Room TBA	Katiti King	1	27/30

DNCE BC3250 Flamenco: Traditional Techniques through Contemporary Approaches. 1 point.

Prerequisites: DNCE BC1137, BC1138, BC1332, BC1333, or Permission of instructor. Intermediate level in modern or ballet technique is required.

Fall 2019: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/07666	F 12:00pm - 2:00pm 110 Barnard Hall	Melinda Bronson	1	8/25

Spring 2020: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/00603	F 12:00pm - 2:00pm Room TBA	Melinda Bronson	1	25/25

DNCE BC3332 Modern V: Intermediate Advanced. 1 point.

Note: This is a variable-point course (0-1 pts).

Intermediate Advanced.

Fall 2019: DNCE BC3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3332	001/07648	T Th 10:10am - 11:25am 305 Barnard Hall	Lisa Boudreau	1	5/30
DNCE 3332	002/07700	M W 4:10pm - 5:25pm 305 Barnard Hall	Paul Scolieri	1	26/35

DNCE BC3333 Modern V: Intermediate Advanced. 1 point.

Note: This is a variable-point course (0-1 pts).

Intermediate Advanced.

Spring 2020: DNCE BC3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3333	001/00604	M W 4:10pm - 5:25pm Room TBA	Caroline Fermin	1	35/35

DNCE BC3334 Improvisation. 1 point.

Not offered during 2019-20 academic year.

In this course we will investigate techniques from Ruth Zaporah's Action Theater™ work, Viola Spolin's improvisational "games," Bonnie Bainbridge Cohen's Body-Mind Centering®, and layered improvisational prompts created by the instructor and variations suggested by the class. Together we will create our own methods to facilitate relevant performance practices.

DNCE BC3335 Modern, VI: High Advanced Modern Dance. 1 point.**Fall 2019: DNCE BC3335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3335	001/07674	T Th 4:10pm - 5:25pm 305 Barnard Hall	Colleen Thomas	1	16/30

DNCE BC3336 Modern, VI: High Advanced Modern Dance. 1 point.

Spring 2020: DNCE BC3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3336	001/00605	T Th 4:10pm - 5:25pm Room TBA	Colleen Thomas	1	20/35

DNCE BC3338 Contact Improvisation. 1 point.

Prerequisites: Limited to twenty people.

Examination of the gender-neutral partnering technique that is now common in contemporary dance. Focus is placed on recent improvisatory forms, sensation building, center connection and risk. Emphasis is placed on listening and sensing rather than controlling or leading.

Fall 2019: DNCE BC3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3338	001/07667	T Th 10:10am - 11:25am 11 Barnard Hall	Colleen Thomas	1	14/17

Spring 2020: DNCE BC3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3338	001/00606	T Th 10:10am - 11:25am Room TBA	Colleen Thomas	1	28/25

DNCE BC3339 Advanced Contact Improvisation. 1 point.

Prerequisites: DNCE BC3338 Contact Improvisation. Sophomore standing or permission of instructor required.

Examination of this gender-neutral partnering technique further exploring compositional forms as they arise from the practice. Students will also investigate a variety of set repertory dance texts that have originated from contact improvised material.

DNCE BC3340 Dance/Music Improvisation: Critical Practices in Negotiation, Embodiment, and Freedom. 3 points.

Prerequisites: Students must have experience with dance or music improvisation.

Although improvisation has always been central to music and dance, it is increasingly engaged by other disciplines as a vital means of critical inquiry, experiment, and risk-taking invention. This course, blending studio practice and theoretical investigation, introduces students to the discourse and practice of improvisation with a global, multidisciplinary context.

DNCE BC3447 Tap, III: Advanced Tap Dance. 1 point.

Prerequisites: DNCE BC2447, BC2448, or permission of instructor.

Fall 2019: DNCE BC3447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3447	001/07697	M W 2:40pm - 3:55pm 110 Barnard Hall	Margaret Morrison	1	7/20

DNCE BC3565 Composition: Collaboration and the Creative Process. 3 points.

Prerequisites: Dance Composition: Form (DNCE BC 2563) or Dance Composition: Content (DNCE BC 2564), or permission of the instructor.

This course is a study in dance composition with a focus on collaboration. Whether creating a solo or larger group piece, students are encouraged to collaborate with other artists. Methods employed by contemporary choreographers will be explored. Peer feedback and creative dialogue will be a component of every class.

Spring 2020: DNCE BC3565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3565	001/00607	T Th 2:40pm - 3:55pm Room TBA	Colleen Thomas	3	16/15

DNCE BC3566 Composition: Site Specific and Experimental Methods. 3 points.

Focuses on collaborative creation as conceptual artists, choreographers, improvisers, and performers with an emphasis on site-specific projects and experimental methods.

DNCE BC3567 Dance of India. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

A range of dance genres, from the traditional to the innovative, co-exist as representations of "Indianness" in India, and beyond. Identities onstage and in films, morph as colonial, national, and global contexts change. This course zooms from micro to macro views of twentieth century staged dances as culturally inflected discourse. We review how Indian classical dance aligns with the oldest of performance texts, and with lively discourses (rasa as a performance aesthetic, Orientalism, nationalism, global recirculations) through the ages, not only in India but also in Europe, Britain and America. Throughout the course, we ask:-

How is culture embodied? How do historical texts configure dance today? How might they affect our thinking on mind-body, practice-theory, and traditional-contemporary divides? How does bodily patterning influence the ways that we experience our surroundings and vice versa? Can cultural imaginaries instigate action? How is gender is performed? What are dance discourses?

Fall 2019: DNCE BC3567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3567	001/07669	M W 1:10pm - 2:25pm 113 Milstein Center	Uttara Coorlawala	3	16/26

DNCE BC3570 Latin American and Caribbean Dance: Identities in Motion. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2019-20 academic year.

Examines the history and choreographic features of Latin American and Caribbean dance forms. Dances are analyzed in

order to uncover the ways in which dancing shapes national, racial, and gender identities. Focuses on the globalization of these dances in New York City.

DNCE BC3571 Solo Repertory: Performance Styles. 3 points.

Prerequisites: Advanced or intermediate advanced level ballet technique or permission of the instructor. This Solo Repertory mini-course will explore the composition of solos anchored in the ballet vocabulary, with specific focus on creating work for a single dancer. \n \n20 students maximum

The study of solo excerpts from classical ballet and/or modern dance repertory and the presentation of individual research in both written and performance format. Emphasis will be placed on the role that the dancer must play to facilitate the realization of the choreographer's concept.

DNCE BC3572 Dance Production. 3 points.

Not offered during 2019-20 academic year.

DNCE BC3574 Inventing the Contemporary: Dance Since the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Explores modern/contemporary dance in the United States and Europe since the 1960's. Major units are devoted to the Judson Dance Theater and its postmodernist aftermath, Tanztheater and European dance revisionism, and African-American dance and the articulation of an aesthetic of cultural hybridity.

DNCE BC3576 Dance Criticism. 3 points.

Intensive practice in writing about dance. Readings drawn from 19th- and 20th-century criticism. Observation includes weekly performances and classroom videotape sessions.

Fall 2019: DNCE BC3576

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3576	001/07694	Th 2:10pm - 4:00pm L017 Milstein Center	Siobhan Burke	3	6/15

DNCE BC3580 History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

The history of social dancing from the Renaissance to the present: waltz, contradances, ragtime, jazz, disco. Topics include dance "manias"; youth and anti-dance movements; intersections between the ballroom, stage, and film; competitive, exhibition, and "flash mob" dancing. Lectures based on archival sources, film, literature, music, images, and live performances.

DNCE BC3591 Senior Seminar in Dance. 4 points.

Research and scholarly writing in chosen topics relating to dance. Methods of investigation are drawn from prominent archival collections and personal interviews, as well as other resources. Papers are formally presented to the Dance Department upon completion.

Fall 2019: DNCE BC3591

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3591	001/07695	Th 10:10am - 12:00pm 404 Barnard Hall	Paul Scolieri	4	9/15

DNCE BC3592 Senior Project: Research for Dance. 4 points.

Independent study for research and writing (35 to 50-page thesis required).

DNCE BC3593 Senior Project: Repertory for Dance. 3 points.

Independent study for preparing and performing repertory works in production to be presented in concert.

Spring 2020: DNCE BC3593

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3593	001/00608	T 10:10am - 12:00pm Room TBA	Marjorie Folkman	3	7/15

DNCE BC3601 Rehearsal and Performance in Dance. 1-3 points.

Not offered during 2019-20 academic year.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

DNCE BC3602 Rehearsal and Performance in Dance. 1-3 points.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

DNCE BC3603 Rehearsal and Performance in Dance. 1-3 points.

Not offered during 2019-20 academic year.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

DNCE BC3604 Rehearsal and Performance in Dance. 1-3 points.

Prerequisites: Audition See Dance Department webpage for audition dates.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

DNCE BC3605 Rehearsal and Performance in Dance. 3 points.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

Fall 2019: DNCE BC3605

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3605	001/07702	M W 6:10pm - 9:00pm 305 Barnard Hall	0. FACULTY, Paul Scolieri	3	11/20
DNCE 3605	002/07703	M W 6:10pm - 9:00pm 11 Barnard Hall	Davalois Fearon	3	13/20
DNCE 3605	003/07704	T Th 6:10pm - 9:00pm 305 Barnard Hall	Paul Scolieri, Yvonne Rainer	3	9/20

DNCE BC3608 Rehearsal and Performance in Dance. 1 point.

Prerequisites: Must be declared Dance Major and junior standing. Subject to cap on studio credit. Can be taken more than once for credit.

This course is supervised by the Dance Technical Director, who will teach basic aspects of theater tech necessary to support dance production. Areas covered will include hanging and focusing lighting instruments, installing the marley floor, hanging a cyc and scrim, and operating the sound and/or lighting systems. Meetings will be arranged by the Tech Director specific to scheduling of the concert, totaling approximately 20 hours.

DNCE BC3980 Performing the Political: Embodying Change in American Performance. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: An introductory course in dance or theatre history or permission of instructor. Enrollment limited to 12 students. Exploration into the politics of performance and the performance of politics through the lens of 20th-century American dance.

DNCE BC3981 Inventing American Modern Dance: Ruth St. Denis and Ted Shawn. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: An introductory dance or theater history course or permission of the instructor.

The life, writings, and dances of Ruth St. Denis and Ted Shawn, focusing on their pioneering role in the development of American modern dance and their radical stagings of race, class, gender, and sexuality.

DNCE BC3984 Digital Performance. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

An intensive conceptual and practice-based inquiry into the field of digital performance – the integration of computational,

interactive, new media, and mobile technologies into experimental performance practice and research – its history, central concerns, scientific breakthroughs, and transformative impact on the role of the artist and on the notion of “live” art. *Limited enrolment: 15 students.*

DNCE BC3560 Screendance: Composition for the Camera & Composition of the Camera. 3 points.

Prerequisites: Must have taken a Dance Department Composition course, have some dance training.

This experiential, hands-on course requires all students to choreograph, dance, and film. Focusing on single-shot filmmaking, the duet of the camera and the dance will create an understanding of the interaction between the two, enabling students to create a final short film.

Fall 2019: DNCE BC3560

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3560	001/07668	T Th 10:10am - 12:00pm LI020 Milstein Center	Gabri Christa	3	12/12

DNCE BC3607 Rehearsal and Performance in Dance. 3 points.

The course can be taken for 1-3 credits. Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

Spring 2020: DNCE BC3607

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3607	001/00609	M W 6:10pm - 9:00pm Room TBA	0. FACULTY	3	1/30
DNCE 3607	002/00610	M W 6:10pm - 9:00pm Room TBA	Katiti King	3	0/30
DNCE 3607	003/00611	T Th 6:10pm - 9:00pm Room TBA	0. FACULTY	3	0/30
DNCE 3607	004/00612	T Th 6:10pm - 9:00pm Room TBA	0. FACULTY	3	0/30

CROSS-LISTED COURSES - AMERICAN STUDIES**DNCE BC2565 World Dance History. 3 points.**

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Investigates the multicultural perspectives of dance in major areas of culture, including African, Asian, Hispanic, Indian, Middle Eastern, as well as dance history of the Americas through reading, writing, viewing, and discussion of a wide range of resources. These include film, original documents, demonstration, and performance.

Spring 2020: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/00573	M W 2:40pm - 3:55pm Room TBA	Paul Scolieri	3	37/35

DNCE BC2570 Dance in New York City. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Study of the cultural roots and historical contexts of specific communities using New York City's dance scene as a laboratory. Students observe the social environments in which various modes of dance works are created while researching the history of dance in New York City. Course includes attendance at weekly events, lecture-demonstrations, and performances.

Fall 2019: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/07689	M W 10:10am - 11:25am 409 Barnard Hall	Elisa Davis	3	27/35
DNCE 2570	002/07699	T Th 1:10pm - 2:25pm 504 Diana Center	Marjorie Folkman	3	32/35

Spring 2020: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/00574	T Th 4:10pm - 5:25pm Room TBA	Siobhan Burke	3	30/30

DNCE BC2575 Choreography for the American Musical. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2019-20 academic year.

Prerequisites: Suggested DNCE BC2560, BC2566, BC2570
Explores the history and evolution of American Musical Theater dance, a uniquely American art form, with special focus on the period known as "The Golden Era." Analysis of the genre's most influential choreographers (including Balanchine, de Mille, Robbins), their systems, methodologies and fusion of high and low art on the commercial stages.

DNCE BC2580 Tap as an American Art Form. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC1446 or equivalent experience.
Studio/lecture format focuses on tap technique, repertory, improvisation, and the development of tap explored through American history, jazz music, films, videos, and biographies.

Spring 2020: DNCE BC2580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 2580	001/00575	M W 4:10pm - 5:25pm Room TBA	Margaret Morrison	3	8/30
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DNCE BC3001 Western Theatrical Dance from the Renaissance to the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Focuses on the history of theatre dance forms originating in Europe and America from the Renaissance to the present. Includes reading, writing, viewing, and discussion of sources such as film, text, original documentation, demonstration, and performance.

Fall 2019: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/07662	M W 11:40am - 12:55pm 409 Barnard Hall	Marjorie Folkman	3	19/40

DNCE BC3570 Latin American and Caribbean Dance: Identities in Motion. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2019-20 academic year.

Examines the history and choreographic features of Latin American and Caribbean dance forms. Dances are analyzed in order to uncover the ways in which dancing shapes national, racial, and gender identities. Focuses on the globalization of these dances in New York City.

DNCE BC3574 Inventing the Contemporary: Dance Since the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Explores modern/contemporary dance in the United States and Europe since the 1960's. Major units are devoted to the Judson Dance Theater and its postmodernist aftermath, Tanztheater and European dance revisionism, and African-American dance and the articulation of an aesthetic of cultural hybridity.

DNCE BC3578 Traditions of African-American Dance. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2019-20 academic year.

Traces the development of African-American dance, emphasizing the contribution of black artists and the influence of black traditions on American theatrical dance. Major themes include the emergence of African-American concert dance, the transfer of vernacular forms to the concert stage, and issues of appropriation, cultural self-identification, and artistic hybridity.

DNCE BC3583 Gender and Historical Memory in American Dance of the 1930's to the Early 1960's. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2019-20 academic year.

Prerequisites: One course in dance history/studies or permission of the instructor.

Explores the question of why so many women dancer/choreographers of the 1930's - to the early 1960's, including relatively well-known ones, have ended up as peripheral rather than central players in what has become the master narrative of a crucial era of the recent dance past.

DNCE BC3980 Performing the Political: Embodying Change in American Performance. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: An introductory course in dance or theatre history or permission of instructor. Enrollment limited to 12 students. Exploration into the politics of performance and the performance of politics through the lens of 20th-century American dance.

CROSS-LISTED COURSES - URBAN STUDIES

DNCE BC2570 Dance in New York City. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Study of the cultural roots and historical contexts of specific communities using New York City's dance scene as a laboratory. Students observe the social environments in which various modes of dance works are created while researching the history of dance in New York City. Course includes attendance at weekly events, lecture-demonstrations, and performances.

Fall 2019: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/07689	M W 10:10am - 11:25am 409 Barnard Hall	Elisa Davis	3	27/35
DNCE 2570	002/07699	T Th 1:10pm - 2:25pm 504 Diana Center	Marjorie Folkman	3	32/35

Spring 2020: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/00574	T Th 4:10pm - 5:25pm Room TBA	Siobhan Burke	3	30/30

DRAMA AND THEATRE ARTS

507 Milbank Hall
212-854-2080
212-280-8764 (fax)

Department Administrator: Coretta Grant
Faculty Department Assistant: Valerie Coates

The Barnard and Columbia undergraduate theatre program engages the disciplines of drama, theatre, and performance studies as a distinctive mode of intellectual and artistic inquiry. Majors take foundational coursework in the literary, cultural, and embodied traditions of western and nonwestern performance as well as in the practices of acting, directing, design, and playwriting. All majors then specialize in a specific area and undertake advanced thesis work, leading either to a formal essay of original research, or to an artistic project (in acting, design, directing, dramaturgy, playwriting, or solo performance) that combines the practices of research and artistic creation.

While Barnard and Columbia students fulfill the overall graduation requirements of their respective institutions, major requirements for the Barnard Major in Theatre/Columbia Major in Drama and Theatre Arts are identical, and the majority of required coursework is offered through the Barnard College Department of Theatre. Barnard and Columbia students receive their degrees from their respective colleges of Columbia University.

The Department's season of productions in the Minor Latham Playhouse and the Glicker-Milstein Black Box Theatre is a crucible of investigation: the place where professional directors and designers collaborate with undergraduates, using a wide range of classic and contemporary plays and performance practices to shape insights unique to theatrical inquiry today. Whether it's Shakespeare or Soyinka or Caryl Churchill, or the directing, solo performance, and playwriting theses in the Senior Thesis Festival, Department of Theatre productions are both a learning process and a scene of encounter, where perceptions are shaped for the attention and creative response of a larger public.

Students interested in majoring in Theatre should consider taking three or four of the required classes in their first two years of study: Theatre History I, Theatre History II and/or a course fulfilling the "world theatre" requirement, and at least one class in acting, design, directing, or playwriting (preferably in the area you might choose as areas of specialization). Students thinking about a research focus might consider an additional dramatic literature class early in their studies; students thinking about an acting or design focus, for example, might consider additional classes in those areas in the second or third year of study.

Students declare the major in the spring semester of the sophomore year. The major requirements are spelled out below, and the process for choosing a thesis area as well: all Theatre/Drama and Theatre Arts majors complete a thesis as a capstone to their work in the degree. For more information about the major, please contact any full-time faculty member (see Faculty pages).

Barnard students must make an appointment or come by the office of the Department Chair to have the major-declaration form signed, and will have a major adviser from the Department faculty; Columbia students are encouraged to meet with members of the faculty to discuss the degree. All majors should introduce

themselves to the Theatre Administrator in 507 Milbank Hall; she will add names to the departmental listserv, and help students to keep up to date in important information about studying in the Department.

STUDENT LEARNING OBJECTIVES

Upon completion of the major, successful students will be able to attain the following objectives:

- Assess critically the artistic ambitions of contemporary theatrical performance, and of literary, critical and theoretical issues involved in the interpretation of dramatic literature and theatrical performance;
- Create with proficiency in at least one area of creative work in the field: critical/research writing, acting, directing, design, playwriting, and dramaturgy.

Areas of Concentration

Drama and Theatre Studies Student Learning Objectives

Students successfully completing drama and theatre studies coursework, or concentrating in drama and theatre studies, should be able to attain the following objectives:

1. Write clearly about dramatic literature, and about performance, including where applicable film performance;
2. Synthesize and evaluate contemporary criticism and research scholarship in writing;
3. Know specific authors, movements, periods, styles, and ideological structures in the history of drama, theatre, and performance (i.e., Shakespeare, American drama, Performative Cultures of the Third Reich, Black Theatre);
4. Use critical, theoretical, and historical concepts in the analysis of drama and performance.

Acting Student Learning Objectives

Students successfully completing a concentration in acting should be able to attain the following objectives:

1. Analyze dramatic texts and apply the analysis to developing a performable role/character;
2. Synthesize external elements with external elements (social mores, environment, historical context, status relationship to others) and internal elements (center of gravity, personal rhythm, speed, tempo) toward the expression of a character's physicality and emotionality;
3. Recognize and apply the fundamental concepts of character development: objectives, obstacles, actions, given circumstances;
4. Develop vocal, physical and emotional awareness and imagination, and to explore techniques available to aid the actor in applying these elements in a conscious way during rehearsal and performance.

Design Student Learning Objectives

Students successfully completing a concentration in design should be able to attain the following objectives:

1. Analyze dramatic texts and translate that analysis into documents used in the production process (breakdowns, plots, etc.);
2. Collect images and texts that provide insight into the developing design idea, and accurately communicate historical and stylistic choices;
3. Demonstrate fluency with the craft of a design field – e.g. sketching, model making, drafting, sound and lighting plots, and associated software;
4. Perform collaboratively, adapting and informing their designs with ideas generated through conversation with colleagues, classmates, and advisors.

Directing Student Learning Objectives

Students successfully completing a concentration in directing should be able to attain the following objectives:

1. Recognize the different demands of different configurations of stage space;
2. Apply compositional tools;
3. Define production style and its influence on performance choices;
4. Communicate effectively with actors;
5. Analyze the historical, social, and aesthetic elements of a dramatic text as the basis for a directorial conception.

Dramaturgy Student Learning Objectives

Students successfully completing a concentration in dramaturgy should be able to attain the following objectives:

1. Apply important critical and theoretical concepts to the analysis of dramatic writing and theatrical performance;
2. Synthesize and evaluate contemporary research scholarship and apply it to a specific production, including biographical, historical, and interpretive information;
3. Write clearly and effectively about the goals of a production, its critical contexts and purposes;
4. Communicate the critical stakes of a performance to a director and cast; to be able to work with a director in fashioning those stakes;
5. Edit dramatic scripts for production.

Playwriting Student Learning Objectives

Students successfully completing a concentration in playwriting should be able to attain the following objectives:

1. Create an individual theatrical voice in writing;
2. Construct dramatic and theatrical events onstage;
3. Communicate supportive critique to fellow writers;
4. Interpret plot and story, and to employ language and spectacle creatively;

5. Recognize dramatic structures, and be able to shape and hold an audience's attention.

Chair: W.B. Worthen (Alice Brady Pels Professor in the Arts, Co-Director of Undergraduate Studies, Drama and Theatre Arts)

Assistant Professors: Paige Johnson, Shayoni Mitra, Hana Worthen

Associate Professors of Professional Practice: Sandra Goldmark, Alice Reagan

Lecturer: Gisela Cardenas

Adjunct Lecturers: Mana Allen, Daniel Baker, Andy Bragen, Steven Chaikelson, Kyle deCamp, Crystal Finn, Sharon Fogarty, Tiffany Nicole Greene, Rita Pietropinto, Lisa Rothe, Shannon Sindelar, Wendy Waterman

Affiliated Faculty:

Associate Professor: Maja Horn (Spanish and Latin American Cultures)

Senior Lecturers: Pam Cobrin (English, Director, Writing Program), Patricia Denison (English, Co-Director of Undergraduate Studies, Drama and Theatre Arts)

Other officers of the University offering courses listed below:

Professors: Austin E. Quigley, Julie Stone Peters

Professor of Professional Practice: Steven Chaikelson

Department Administrator: Coretta Grant

Technical Director: Greg Winkler

Production Manager: Michael Banta

Costume Shop Manager: Kara Feely

Faculty Department Assistant: Valerie Coates

REQUIREMENTS FOR THE MAJOR

Download the Theatre major self-audit form (http://bulletin.columbia.edu/columbia-college/departments-instruction/drama-theatre-arts/Major_Audit_Sheet.pdf)

Students intending to major in Theatre should consult with the Department Chair in their sophomore year or earlier to plan a program: this consultation is required for Barnard students and strongly recommended for Columbia students. Twelve courses and one senior thesis (in Performance or in Research) are required as follows:

Dramatic Literature and Theatre History

World theatre and performance histories:

Both required:

THTR UN3150	Western Theatre Traditions: Classic to Romantic
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THTR UN3151	Western Theatre Traditions: Modern
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Select one of the following:

THTR UN3154	Theatre Traditions in a Global Context
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THTR UN3155	Traditional Indian Theatre
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THTR UN3156	Modern Asian Performance
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Select one course in Drama, Theatre, and Performance Theory:

THTR UN3140	Performing Women
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THTR UN3160	Queer Performance
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THTR UN3165	Theories of Performance Studies
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THTR UN3166	Drama, Theatre, and Theory
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ENTA UN3701	Drama, Theatre, Theory
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Select one course in Shakespeare

Select Two courses in dramatic literature, theatre studies, and/or performance studies, taken in the Theatre Department or in another department with advisor's approval. One course must be a seminar.

Theatre Practice

Select one course each in 3 of the following 4 areas:

Acting

THTR UN3004	Acting Lab
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THTR UN3007	Scene Lab
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Design

THTR UN3401	Sound Design
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THTR UN3402	Costume Design
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THTR UN3403	Lighting Design
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THTR UN3404	Scenic Design
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THTR UN3405	Problems in Design
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THTR UN 3203 Collaboration may be counted if not counted toward Directing

Directing

THTR UN3200	Directing I
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THTR UN3201	Directing II
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THTR UN 3203 Collaboration may be counted if not counted toward Design

Playwriting

THTR UN3300	Playwriting Workshop
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THTR UN3301	Playwriting Lab
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Concentration

All majors must take an additional TWO courses in the field of the Senior Thesis. *See below.

Senior Thesis

All students must take either THTR UN3997 or THTR UN3998:

THTR UN3997	Senior Thesis: Performance (Acting, Design, Directing, Dramaturgy, Playwriting, Solo Performance) *
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THTR UN3998	Senior Thesis: Research **
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* *Prior to completing the Senior Thesis: Performance, majors must take an additional two courses in the field of the thesis (acting, design, dramaturgy, directing, playwriting, solo performance). Courses in acting, design, and directing are offered through the Department of Theatre. Courses in playwriting are offered through the Department of Theatre and the Department of English; a student who takes one of the playwriting classes above as part of the Theatre Practice requirement may take a playwriting course in English as one of the two additional playwriting courses required for the thesis. For theses in directing, students must take a dramaturgy course prior to the thesis year. For theses in dramaturgy, students take two additional courses in dramatic literature, theatre studies, or performance studies research; these courses may be drawn from courses in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature courses offered in other departments with the adviser's approval. Dramaturgy thesis students may substitute one course in playwriting for one of the two additional courses. Students pursuing a solo performance thesis are required to have taken the Solo Performance course prior to the thesis semester (spring), among the three required courses in acting.

** **Prior to completing the Senior Thesis: Research, majors must take an additional two courses in drama, theatre, or performance research. These courses may be drawn from course in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature or performance studies courses offered in other departments with adviser's approval. These courses should be disused with the student's major advisor, as well as with the sponsor of the thesis.

Production Crew

Theatre majors planning on completing a Senior Thesis in Performance (acting, design, directing, dramaturgy, playwriting, solo performance) are required to complete a run crew assignment and a crew head assignment prior to their final semester; to be in the strongest position for the thesis, ideally these assignments are completed during the junior year. Please see the section on Production Crew (<http://theatre.barnard.edu/departments-and-production-information/#productioncrew>) for more information.

Studio Courses

Please note that for Barnard students there is a limit on studio courses. Theatre majors may take 24 studio points in Theatre and an additional six in another discipline for a total of 30 studio points. Theatre Department studio courses are:

THTR UN2003	Voice and Speech	2
THTR UN2004	Movement for Actors	2
THTR UN2005	Acting Workshop	3
THTR UN2420	Technical Production	3
THTR UN3004	Acting Lab	3
THTR UN3005	Acting Lab	3

THTR UN3006	Advanced Acting Lab	3
THTR UN3007	Scene Lab	3

Graduate Courses

Only under special circumstances, and with the permission of the instructor, can undergraduates take graduate classes.

THTR UN2002 New York Theatre. 3 points.

Prerequisites: Enrollment limited. Permission given by instructor only at first meeting.

Students attend a variety of performances as well as a weekly lab meeting. Emphasis on expanding students' critical vocabulary and understanding of current New York theatre and its history. Section on contemporary New York theatre management and production practices.

THTR UN2003 Voice and Speech. 2 points.

Not offered during 2019-20 academic year.

Prerequisites: Enrollment limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult Auditions on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Techniques of vocal production tailored to the individual problems and potential of the student. Exercises for use in warm-up, relaxation, breathing, and rehearsal; daily work with poetry and dramatic texts.

THTR UN2004 Movement for Actors. 2 points.

Not offered during 2019-20 academic year.

Prerequisites: Recommended for students intending to focus on acting or directing in the senior thesis. Enrollment limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Exploration of the actor's physical performance. Classical and contemporary approaches to theatre movement.

THTR UN2005 Acting Workshop. 3 points.

When offered in Fall semester, open only to first-year students.

Prerequisites: Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult

"Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions.

Course develops the processes and tools an actor needs to approach the text of a play. Students develop their physical, vocal, and imaginative range and skills through voice and speech exercises, work on non-verbal behavior, improvisation, and character development. IN THE FALL SEMESTER OPEN ONLY TO FIRST-YEAR STUDENTS. Course encouraged for prospective BC Theatre and CU Drama and Theatre Arts majors.

Fall 2019: THTR UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2005	001/09740	M W 12:10pm - 2:00pm Ll200 Diana Center	Sharon Fogarty	3	14/15
THTR 2005	002/09741	T Th 10:10am - 12:00pm Ll200 Diana Center	Gisela Cardenas Ojeda	3	12/15

Spring 2020: THTR UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2005	001/00268	M W 10:10am - 12:00pm Room TBA	Crystal Finn	3	10

THTR UN2022 Rehearsal and Performance. 3 points.

Prerequisites: Students cast as actors in a departmental stage production register for this course; course emphasizes the collaborative nature of production, and appropriate research and reading required in addition to artistic assignments. Students working as dramaturgs on departmental productions register for this course as well. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions. Students take part in the full production of a play as actors, designers, dramaturgs, or stage managers. Emphasizes the collaborative nature of production. Appropriate research and reading will be required in addition to artistic assignments.

Fall 2019: THTR UN2022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2022	001/09743		Alice Reagan	3	10/15

Spring 2020: THTR UN2022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2022	001/00217	M T W Th F 7:00pm - 11:00pm Room TBA		3	1

THTR UN2100 New York Theatre. 3 points.

Prerequisites: Enrollment limited. Permission given by instructor only at first meeting. Students attend a variety of performances as well as a weekly lab meeting. Emphasis on expanding students' critical vocabulary and understanding of current New York theatre and its history. Section

on contemporary New York theatre management and production practices.

THTR UN2120 TECHNICAL PRODUCTION. 3 points.

Not offered during 2019-20 academic year.

THTR UN2140 History and Practice of Producing for the Theatre. 4 points.

Prerequisites: Preference given to students who have taken New York Theatre and/or are Theatre/Drama and Theatre Arts majors. Permission of instructor given at first class meeting, required. Course limited to 12.

Explores the role and responsibilities of the producer in commercial and not-for-profit theatre; the relationship of the producer to the cast and creative team; the creative development of plays and musicals; the evolution of the role of the producer over the twentieth century; and the pioneering work of great producers of the past century. Students develop criteria to assess artistic and financial merits of theatrical work. Attendance at productions on and off Broadway, meetings with producers and other theatre artists.

THTR UN2201 Acting Ensemble for Directing II. 1 point.

This course will examine the original vision a director can bring to a written text. We will explore and define different directorial styles in terms of acting, design, language, politics, relationship to the audience, and world-of-play. We will study five dramatists; students will make work in conversation with each figure and their particular political and artistic projects. Students will make a total of four fully-realized scenes; the two final pieces will each be presented twice, with time for rehearsal in between. Students will work with actors who come from both inside and outside the class pool. Students will have the opportunity to stage work for proscenium, in-the-round, and environmentally. There will be at least two outings to see productions in New York City. Students will write three short papers that engage with and analyze live performance. This course places equal weight on the dramatic language of a play text and a theatre practice guided by images.

THTR UN2210 Theatre Workshop. 1 point.

Prerequisites: To be taken only for P/D/F. Auditions for this class are sometimes required; please check with Theatre Department in advance. If audition is required, auditions held 6pm on the first Tuesday and Wednesday class days of each semester. Class begins meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions.

Various topics presented by visiting theatre scholars, artists, and practitioners in a lecture/seminar/workshop series that will meet for at least four sessions during each semester. Topics, times, and visiting instructors will be announced by the department. Students must attend all classes to receive credit for the course.

THTR UN2420 Technical Production. 3 points.

Prerequisites: Crew assignment optional. Enrollment limited to 10 students.

Introduction to the equipment, terms, and procedures employed in the creation of scenery, lighting, and sound for the stage.

Classroom exercises and field visits emphasize approaches to collaborative process and production management.

THTR UN2421 Stage Management. 3 points.

Prerequisites: Permission of the instructor, given at first class meeting.

This course explores the role of the stage manager and production manager in theatrical production. Students undertake hands-on exercises to develop the practical and collaborative skills essential to working both as a stage manager and production manager--script analysis; production timeline and rehearsal management; technical rehearsal; budgeting; working with directors and designers; working with unions; health and safety codes; house management; box office.

Fall 2019: THTR UN2421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2421	001/09759	T Th 10:10am - 11:25am 230 Milbank Hall	Michael Banta	3	4/15

THTR UN2422 Rehearsal and Performance - Props & Paint Crew. 1 point.

Prerequisites: Students working in a design, stage management, or backstage capacity on departmental stage production register for this course. Audition not required, but students must meet with Theatre Department Production Manager, Michael Banta (mbanta@barnard.edu).

Students take part in the full production of a play as designers or stage managers. Emphasizes the collaborative nature of production, the acquisition and development of technical and artistic perspectives on production, and appropriate research.

Fall 2019: THTR UN2422

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2422	001/09736		Michael Banta	1	7/15

Spring 2020: THTR UN2422

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2422	001/00221		Michael Banta	1	4

THTR UN3000 Theatre Traditions in a Global Context. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: Enrollment limited to 50 students.

Provides a broad introduction to several traditions of nonwestern drama and theatrical practice, often placing recent and contemporary writing in relation to established conventions. Taking up plays and performance traditions from Asia, South Asia, and various African traditions, it may also consider the relation between elite and popular culture (adaptations of Shakespeare, for example), and between drama, theatre, and film. Fulfills one course in World Theatre for Theatre/Drama and Theatre Arts majors.

THTR UN3004 Acting Lab. 3 points.

Prerequisites: Enrollment in each section limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

This is an umbrella course whose offerings will change each year. Some are narrow, some broad; all are designed with several objectives in common, including: a. To focus on a particular genre, playwright, approach to live performance. b. To develop an interrelated set of conceptual, analytical, and embodiment skills and approaches. Courses typically involve scene preparation, reading, research, and both individual and group projects, as well as active participation in classroom exercises. c. To develop a sense of the purposes and goals of a specific approach to acting. The acting lab courses are intentionally non-sequential; students with little previous background in acting are strongly encouraged to consider the Acting Workshop and Scene Lab courses. No more than six courses can be taken from the Acting Lab/Advanced Acting Lab offerings during a student's career. Auditions are required for all Acting Labs and will take place the first two evenings of each semester. Each course fulfills one course in Acting requirement for Theatre/Drama and Theatre Arts majors. Please check with the Theatre Department website for specific offerings and audition information.

Fall 2019: THTR UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3004	001/09747	T Th 4:10pm - 6:00pm 229 Milbank Hall	Mana Allen	3	12/15
THTR 3004	002/09748	M W 2:10pm - 4:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3	11/15
THTR 3004	003/09749	M W 10:10am - 12:00pm 229 Milbank Hall	Kyle deCamp	3	9/15

THTR UN3005 Acting Lab. 3 points.

This is an umbrella course whose offerings will change each year. Some are narrow, some broad; all are designed with several objectives in common, including: a. To focus on a particular genre, playwright, approach to live performance. b. To develop an interrelated set of conceptual, analytical, and embodiment skills and approaches. Courses typically involve scene preparation, reading, research, and both individual and group projects, as well as active participation in classroom exercises. c. To develop a sense of the purposes and goals of a specific approach to acting. The acting lab courses are intentionally non-sequential; students with little previous background in acting are strongly encouraged to consider the Acting Workshop and Scene Lab courses. No more than six courses can be taken from the Acting Lab/Advanced Acting Lab offerings during a student's career. Auditions are required

for all Acting Labs and will take place the first two evenings of each semester. Each course fulfills one course in Acting requirement for Theatre/Drama and Theatre Arts majors. Please check with the Theatre Department website for specific offerings and audition information.

Spring 2020: THTR UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3005	001/00225	T Th 4:10pm - 6:00pm Room TBA	Wendy Waterman	3	5
THTR 3005	002/00226	M W 10:10am - 12:00pm Room TBA	Gisela Cardenas Ojeda	3	2
THTR 3005	003/00227	M W 12:10pm - 2:00pm Room TBA	Kyle deCamp	3	14

THTR UN3006 Advanced Acting Lab. 3 points.

Prerequisites: Preference given to juniors and seniors; THTRV 3004 or 3005 prerequisite. Enrollment limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Special problems of performance. In-class scene work, extensive outside research, rehearsals, and reading. Fulfills additional coursework in Acting for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3006	001/09750	F 1:10pm - 5:00pm 229 Milbank Hall	Crystal Finn	3	12/15

THTR UN3007 Scene Lab. 3 points.

Prerequisites: Enrollment limited to 16 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions.

Provides an overview of the creative process of acting: text analysis, circumstance, establishment of place, pursuit of intention in coordination with exercises and improvisation designed to enhance concentration, imagination, resonance, movement, and projection. Rehearsal 2 hours per week outside class, participation in discussion of plays, playwrights, and performances required. Fulfills one course in Acting for Theatre/Drama Theatre Arts majors.

Fall 2019: THTR UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 3007	001/09731	M W 10:10am - 12:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3	6/15
THTR 3007	002/09760	F 9:00am - 12:50pm 229 Milbank Hall	Tina Mitchell	3	12/15

Spring 2020: THTR UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3007	001/00228	T Th 2:10pm - 4:00pm Room TBA	Tina Mitchell	3	7

THTR UN3140 Performing Women. 4 points.

Prerequisites: Enrollment limited to 16 students.

This course examines the category of "woman" as it is mobilized in performance, considering both a variety of contemporary performances chosen from a wide range of genres and a diversity of critical/theoretical perspectives.

Fall 2019: THTR UN3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3140	001/09742	W 12:10pm - 2:00pm LI105 Diana Center	Shayoni Mitra	4	13/16

THTR UN3141 Socialism/Communism in Performance. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: Sophomore standing. Enrollment limited to 16 students.

Analyzes dramatic texts and performances under the Communist regimes behind the Iron Curtain before 1989. Principal focus is on Czech, Polish, and East German playwrights and their productions; we will consider their work in both legal and illegal contexts. In order to gain a wider understanding of the diversity of underground performative cultures, works from Hungary, Romania, and Slovenia will be considered as well. The seminar also attends to dissident performative activities in the framework of the 1980s revolutions, and reflects on works by western authors and emigrant/diasporic writers produced on stages behind the Iron Curtain. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

THTR UN3142 Bertolt Brecht: The Making of Theatre. 4 points.

Prerequisites: Enrollment limited to 16; permission of instructor given at first class meeting. Course is conducted in English and readings are in English; German majors and German-speaking students may do readings and papers in German.

This class provides a comprehensive overview of the drama, theatre, and theory of Bertolt Brecht, the most influential European playwright and theorist of the twentieth century, in the context of their original historical contexts and subsequent legacies. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

THTR UN3146 American Drama in the 1990s. 4 points.

Prerequisites: Enrollment limited to 16.

Examines American drama in the period between the fall of the Berlin Wall in 1989 and the attack on the World Trade Center in New York in 2001, considering a range of aesthetic (epic theatre, performance art), social (AIDS), and political (Reaganomics) issues of the period. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

THTR UN3150 Western Theatre Traditions: Classic to Romantic. 3 points.

Dialectical approach to reading and thinking about the history of dramatic theatre in the west, interrogating the ways poetry inflects, and is inflected by, the material dynamics of performance. We will undertake careful study of the practices of performance, and of the sociocultural, economic, political, and aesthetic conditions animating representative plays of the Western tradition from the classical theatre through the early modern period to early romanticism; course will also emphasize development of important critical concepts for the analysis of drama, theatre, and performance. Specific attention will be given to classical Athens, medieval cycle drama, the professional theatre of early modern England, the rival theatres of seventeenth century France and Spain, and eighteenth-century theatre in England and Germany; topics include the sociology of theatre, the impact of print on conceptions of performance, representing gender and race, and the dynamics of court performance. Writing: 2-3 papers; Reading: 1-2 plays, critical and historical reading per week; final examination. Fulfills one (of two) Theatre History requirements for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3150	001/09756	M W 10:10am - 11:25am 324 Milbank Hall	William Worthen	3	37/50

THTR UN3151 Western Theatre Traditions: Modern. 3 points.

Dialectical approach to reading and thinking about the history of dramatic theatre in the west, interrogating the ways poetry inflects, and is inflected by, the material dynamics of performance. We will undertake careful study of the practices of performance, and of the sociocultural, economic, political, and aesthetic conditions animating representative plays of the Western tradition from the late eighteenth century to today; course will also emphasize development of important critical concepts for the analysis of drama, theatre, and performance. Specific attention will be given to the ideology of realism and naturalism, the development of epic theatre, the theatre of cruelty, postcolonial performance, and the continuing invention of dramatic forms (theatre of the absurd, speechplays, postdramatic theatre), as well as to the political and theoretical impact of race, gender, sexuality in modern performance culture. Writing: 2-3 papers; Reading: 1-2 plays, critical and historical reading per week; final examination. Fulfills one (of two) Theatre History requirements for Theatre/Drama and Theatre Arts majors.

Spring 2020: THTR UN3151

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 3151	001/00229	W 10:10am - 11:25am Room TBA	Paige Johnson	3	39
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THTR UN3152 Nazism in Performance. 4 points.

Prerequisites: Course enrollment limited to 16; permission of instructor given at first class meeting.

Explores the cultivation of national and transnational performances as a significant force of National Socialism, at the same time as challenging the notion of “Nazi Theatre” as monolithic formation. The core of the course inquires into the dialectical analysis of artistic creations in diverse art genres, while working towards an understanding of the social dramaturgy of such events as staging the Führer and the racialized body of the privileged people. Nazism did not harbor ideologies without benefits for the allied nations. Thus, the dynamic performance of transnationalism among the “brothers in arms” will be included as well, in order to elucidate how works of art crossing into the Third Reich were reimagined, sometimes in ways challenging to the presumed values of the state stage. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

Spring 2020: THTR UN3152

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3152	001/00230	T 2:10pm - 4:00pm Room TBA	Hana Worthen	4	20

THTR UN3154 Theatre Traditions in a Global Context. 3 points.

Prerequisites: Enrollment limited to 50 students.

Provides a broad introduction to several traditions of nonwestern drama and theatrical practice, often placing recent and contemporary writing in relation to established conventions. Taking up plays and performance traditions from Asia, South Asia, and various African traditions, it may also consider the relation between elite and popular culture (adaptations of Shakespeare, for example), and between drama, theatre, and film. Fulfills one course in World Theatre for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3154

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3154	001/09758	T Th 12:10pm - 1:25pm LI200 Diana Center	Shayoni Mitra	3	23/50

THTR UN3155 Traditional Indian Theatre. 4 points.

Course provides a perspective on traditional forms of Indian performance from classical theory to contemporary traditional practices. Course covers Sanskrit drama, Kathakali, Ramlila, and Chhau; extensive video of performances and guest practitioners. Fulfills one course in World Theatre requirement for Theatre/Drama and Theatre Arts majors.

Spring 2020: THTR UN3155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 3155	001/00231	W 12:10pm - 2:00pm Room TBA	Shayoni Mitra	4	4
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THTR UN3156 Modern Asian Performance. 4 points.

Prerequisites: Permission of instructor given at first class meeting; enrollment limited to 16.

Corequisites: Fulfills one course in World Theatre requirement for Theatre/Drama and Theatre Arts majors.

Course studies contemporary Asian performance with focus on modernity, covering most nations on the Asian continent; readings cover theoretical and aesthetic questions from performances of healing to revolutionary theatre to diasporic performance.

THTR UN3160 Queer Performance. 4 points.

This course surveys key theoretical and historical writings in the field of Queer Performance, both within and without Theatre and Performance Studies, as well as significant dramatic and performance works in the field. Beginning with an introduction to queer theory and questions surrounding gender and sexuality in performance, the course then moves into contemporary theories to examine works that use embodiment to question constructions of gender and sexuality onstage. Performances are regarded as provocations: what constitutes queer performance? Is sexuality all we mean by queer? What are the historical, aesthetic, and political aspects of queer performance? We will also pursue questions of practice and production: Where is queer performance staged and how is it received? How is it produced, for whom, by whom, and with what funding? Is queer performance inherently or even necessarily radical? The course explores crosscultural performances, as well as performances spanning from theatrical stages to ritual to everyday performance. Course fulfills one course in the "dramatic literature/theatre studies/performance studies" requirement for the Theatre/Drama and Theatre Arts major.

Fall 2019: THTR UN3160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3160	001/09761	T 12:10pm - 2:00pm LL105 Diana Center	Paige Johnson	4	11/16

THTR UN3165 Theories of Performance Studies. 4 points.

Prerequisites: Enrollment limited to 16 students.

Course surveys the wide range of genres and categories addressed by the practice of modern "performance studies"; it introduces a number of performance practices, as well as relevant interdisciplinary methodologies. Students consider live performances as well as a number of mediated works, learning to think critically and creatively about the relation between text, technology, and the body. Course fulfills the Theatre/Drama and Theatre Arts major requirement in Drama, Theatre, Theory.

Spring 2020: THTR UN3165

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3165	001/00232	T 12:10pm - 2:00pm Room TBA	Shayoni Mitra	4	15

THTR UN3166 Drama, Theatre, and Theory. 4 points.

Prerequisites: Enrollment limited to 16 students.

Intensive immersion in fundamental principles and practices of world drama, theatre, and performance, past and present. Close readings of performances, plays, video, film, and digital media.

Assignments include presentations, performance projects, and critical writing. Fulfills one course in Drama, Theatre, and Theory requirement for Theatre/Drama and Theatre Arts majors.

THTR UN3167 Dramaturgy. 4 points.

Prerequisites: Permission of instructor, given at first class meeting; enrollment limited to 12.

This course teaches the research skills and practices a production dramaturg develops as part of the conceptual work of theatrical production. Course is focused on a series of activities: analyzing dramatic text, comparing different versions of script, conducting archival and cultural research, and presenting it to the production team. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts majors. Required for students undertaking a senior thesis in dramaturgy. Required for students undertaking a senior thesis in directing prior to the thesis year.

Fall 2019: THTR UN3167

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3167	001/09757	W 12:10pm - 2:00pm 318 Milbank Hall	Hana Worthen	4	8/16

THTR UN3200 Directing I. 3 points.

Prerequisites: Permission of instructor given at first class meeting. Exploration of the evolution of the director's role in Europe and the US, including the study of important figures. Emphasis on text analysis, and varied schools of acting in relation to directing practice. Students gain a foundation in composing stage pictures and using stage movement to tell a story. All students will direct at least one fully-realized scene. Fulfills one course in Directing requirement for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/09738	M W 12:10pm - 2:00pm 229 Milbank Hall	Paige Johnson	3	15/15

Spring 2020: THTR UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/00234	M W 12:10pm - 2:00pm Room TBA	Paige Johnson	3	17

THTR UN3201 Directing II. 3 points.

Prerequisites: Students required to have taken THTRV 3200 Directing I, THTRV 3203 Collaboration: Directing and Design, or equivalent. Enrollment limited to 14 students. Permission of instructor given at first class meeting.

Course focuses on developing an individual directorial style, placing emphasis on visual research, and the use of different staging environments: end-stage, in the round, environmental.

Class is structured around scene-work and critique, and each student will direct at least three fully-realized scenes. Material typically drawn from European avant-garde. Fulfills additional coursework in Directing required for Theatre/Drama and Theatre Arts majors concentrating in Directing.

Spring 2020: THTR UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3201	001/00237	T Th 12:10pm - 2:00pm Room TBA	Sharon Fogarty	3	6

THTR UN3202 Advanced Directing. 4 points.

Prerequisites: Open to students who have taken at least one course in directing. Required for students approved for Directing thesis, but open to all qualified students. Permission of instructor given at first class meeting.

This course requires students to draw on all previous theatre training, synthesizing scholarship and research toward dynamic fully-realized scene work. Emphasis is on the director-actor relationship; students will direct at least three fully-realized scenes, typically drawn from Shakespeare, Chekhov, or other playwrights. Students may have the opportunity to make devised work, and will collaborate with students in the Advanced Acting class. Required for, but not limited to, students undertaking a senior thesis in directing. Fulfills additional directing coursework in Theatre/Drama and Theatre Arts major.

Fall 2019: THTR UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3202	001/09752	F 11:00am - 1:50pm LI200 Diana Center	Alice Reagan	4	3/15

THTR UN3203 Collaboration: Directing and Design. 3 points.

Prerequisites: Permission of instructors given at first meeting; enrollment limited to 24.

Course focuses on developing both technical and collaborative skills of directors and designers. Students are assigned to different roles in creative teams working on a series of at least three fully realized and designed scenes. Introduction to various design disciplines and directing practice. May be counted as either a course in directing or a course in design for majors. Fulfills requirement for one course in EITHER Directing OR Design for Theatre/Drama and Theatre Arts majors; counts as second or third course in either Directing or Design.

THTR UN3211 Performance Lab. 4 points. Not offered during 2019-20 academic year.

Prerequisites: Enrollment limited to 12 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

In Spring 2012 the course will provide a critical context and embodied understanding of experimental theatre and performance in the United States between 1960 and the present. In the spirit of the critic/practitioners who emerged in this period, students will generate written assignments, research presentations, and scene work inspired by this artistic movement.

THTR UN3300 Playwriting Workshop. 3 points.

Prerequisites: Permission of the instructor given at first class meeting.

Students will create and workshop plays, with a focus on learning new approaches to language and structure. Recommended for students undertaking a senior thesis in playwriting.

Fall 2019: THTR UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3300	001/09739	M 4:10pm - 6:00pm LI105 Diana Center	Andrew Bragen	3	10/15

THTR UN3301 Playwriting Lab. 3 points.

Students will develop original dramatic scripts. Students will also read drafts of writers currently produced on New York stages to understand why changes and rewrites were made. Recommended for students undertaking a senior thesis in playwriting.

Spring 2020: THTR UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3301	001/00242	M 4:10pm - 6:00pm Room TBA	Andrew Bragen	3	26

THTR UN3401 Sound Design. 3 points.

Prerequisites: Permission of instructor given at first class meeting. Studies the art and practice of designing sound and scoring music for dramatic performance. Students study the relationship between concert and incidental music, and read plays toward the production of a score for live theatre. Students also read broadly in the fields of sound, music, acoustics, and the cultural analysis of sound as a component of performance. Background in music or composition not essential. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3401	001/09734	M 1:10pm - 4:00pm LI105 Diana Center	Daniel Baker	3	14/15

THTR UN3402 Costume Design. 3 points.

Prerequisites: Permission of instructor given at first class meeting. Studio course exploring designing costumes for the stage. Students become familiar with textual and character analysis, research, sketching and rendering, swatching and introductory costume history. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors.

Spring 2020: THTR UN3402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 3402	001/00249	F 11:00am - 1:50pm Room TBA	Kara Feely	3	29
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THTR UN3403 Lighting Design. 3 points.

Prerequisites: Enrollment limited to 12 students. Permission of instructor given at first class meeting.

Focuses on both the technical and creative aspects of theatrical lighting design. Students will learn the role of lighting within the larger design and performance collaboration through individual and group projects, readings, hands-on workshops, and critique of actual designs. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors.

Spring 2020: THTR UN3403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3403	001/00255	T 9:35am - 11:50am Room TBA	Autum Casey	3	24

THTR UN3404 Scenic Design. 3 points.

Prerequisites: Enrollment limited to 12 students. Permission of instructor given at first class meeting.

Introduction to designing for the theatre. The course will focus on set design, developing skills in script analysis, sketching, model making, storyboarding and design presentation. Some investigation into theatre architecture, scenic techniques and materials, and costume and lighting design. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3404	001/09753	F 11:00am - 1:50pm 230 Milbank Hall	Sandra Goldmark	3	14/15

THTR UN3405 Problems in Design. 3 points.

Prerequisites: Some design experience is helpful, though not required. Enrollment limited to 12 students.

Studio-based course explores the main elements of theatrical design: sets, costumes, lighting, and sound. Students examine these design elements as both individual and interrelated components of a production. A series of guest artists contribute to understanding the design process, collaboration, and making a design idea a reality on stage. Fulfills one course in Design requirement for Theatre/Drama and Theatre Arts majors.

Fall 2019: THTR UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3405	001/09732	M 2:10pm - 5:00pm 229 Milbank Hall	Kara Feely	3	12/15

THTR UN3406 Media and Production Design. 3 points. Not offered during 2019-20 academic year.

Uses analysis and design to explore how media and projections can be used to construct narrative in theatre and support non-narrative forms of performance. Digital and analog media are explored for their potentials and limitations. Students learn how the media is produced and transmitted will be discussed as part of creating a video design. Students will produce projection projects

using different kinds of media during the course requiring work outside of class time.

Spring 2020: THTR UN3406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3406	001/00735	M 1:10pm - 4:00pm Room TBA		3	5/15

THTR UN3997 Senior Thesis: Performance. 4 points.

Prerequisites: Appropriate coursework and substantial production experience, including a major crew assignment in the junior year. Enrollment limited to senior Theatre majors. Combined and special majors may be considered under exceptional circumstances. Permission of the instructor required. Students will act in, direct, design, or dramaturg a play in the Barnard Department of Theatre season, or write a short play or solo performance piece that will be produced (according to departmental guidelines) in the Senior Thesis Festival. Collaboration is expected and students will meet weekly with faculty and other seniors. A written proposal must be submitted in the spring of the junior year and be approved. In addition to the performance, an extensive written Casebook is required: see departmental guidelines.

Fall 2019: THTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/09754	T Th 2:10pm - 4:00pm 229 Milbank Hall	Gisela Cardenas Ojeda	4	4/15
THTR 3997	002/09755	F 2:10pm - 5:00pm 229 Milbank Hall	Sandra Goldmark	4	1/15

Spring 2020: THTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/00258	T 2:10pm - 4:00pm Room TBA	Gisela Cardenas Ojeda	4	0
THTR 3997	002/00259	F 2:10pm - 5:00pm Room TBA	Sandra Goldmark	4	0
THTR 3997	003/00261	M 2:10pm - 4:00pm Room TBA	Andrew Bragen	4	2
THTR 3997	004/00262	M W 2:10pm - 5:00pm Room TBA	Kyle deCamp	4	2
THTR 3997	005/00263	F 2:10pm - 5:00pm Room TBA	Shannon Sindelar	4	3
THTR 3997	006/00265	F 2:10pm - 5:00pm Room TBA	Hana Worthen	4	0

THTR UN3998 Senior Thesis: Research. 4 points.

Prerequisites: Enrollment limited to senior Theatre majors. Combined and special majors may be considered under exceptional circumstances. Permission of the instructor required. In-depth research project culminating in a substantial written thesis on any aspect of drama, performance, or theatre research.

Fall 2019: THTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 3998	001/09733		William Worthen	4	0/15
Spring 2020: THTR UN3998					
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/00267		William Worthen	4	1
THTR 3998	002/00740		Shayoni Mitra	4	1/15

THTR UN3999 Independent Study. 3 points.

Prerequisites: Permission of the instructor and the chair required. Students submit, before the semester begins, a detailed proposal for independent research to a faculty sponsor.

EARTH AND ENVIRONMENTAL SCIENCES

Departmental Offices:

556-7 Schermerhorn Hall Extension | 212-854-4525
106 Geoscience, Lamont-Doherty Earth Observatory |
845-365-8550
<http://eesc.columbia.edu>

Chair of Department:

Prof. Sidney Hemming, sidney@ldeo.columbia.edu

Director of Undergraduate Studies:

Prof. Kerry Key

305C Oceanography, Lamont-Doherty Earth Observatory | 557
Schermerhorn Hall Extension

845-365-8604 | kkey@ldeo.columbia.edu
(odland@ldeo.columbia.edu)

Director of Academic Administration and Finance:

Sally Odland

108 Geoscience, Lamont-Doherty Earth Observatory

845-365-8633 | odland@ldeo.columbia.edu

Undergraduate Program Manager:

Anastasia Yankopoulos, 557 Schermerhorn Hall Extension

212-854-3614 | a.t.yankopoulos@columbia.edu
(aty2113@columbia.edu)

The undergraduate major in Earth and environmental sciences provides an understanding of the natural functioning of our planet and considers the consequences of human interactions with it. Our program for majors aims to convey an understanding of how the complex Earth system works at a level that encourages students to think creatively about the Earth system processes and

how to address multidisciplinary environmental problems. The breadth of material covered provides an excellent background for those planning to enter the professions of law, business, diplomacy, public policy, teaching, journalism, etc. At the same time, the program provides sufficient depth so that our graduates are prepared for graduate school in one of the Earth sciences. The program can be adjusted to accommodate students with particular career goals in mind.

The department's close affiliations with the Lamont-Doherty Earth Observatory, the American Museum of Natural History (AMNH), NASA's Goddard Institute for Space Studies (GISS), the Earth Institute at Columbia (EI), and several departments within the Fu Foundation School of Engineering and Applied Sciences afford opportunities for student participation in a wide variety of current research programs. Summer employment, research, and additional educational opportunities are available at Lamont and GISS. The department encourages majors to become involved in a research project by their junior year.

All majors and concentrators, when planning their programs of study, should regularly consult the directors of undergraduate studies and make themselves aware of the requirements for their particular program.

PROGRAMS OF STUDY

Environmental Science Major

The environmental science major curriculum provides an introduction to a variety of fields of study relevant to the environment. Environmental science majors are required to take three semesters of introductory courses and to develop a grounding in basic physics, chemistry, biology, and mathematics. Here, students may select courses depending on their interest. With this introduction to the Earth's environment and equipped with a knowledge of the basic sciences, students are prepared to choose a set of upper-level courses in consultation with an undergraduate adviser. All environmental science majors are required to complete a research project, providing a practical application of mastered course work. This research culminates in a senior thesis. The research and the thesis are usually done at Lamont-Doherty Earth Observatory with guidance from a faculty member or a research scientist. However, other options are also possible.

Environmental science majors have an option to complete the special concentration in environmental biology for environmental science majors.

Earth Science Major

The major in Earth science follows a similar rationale but is designed to allow students to pursue particular fields of the Earth sciences in greater depth. Compared with the environmental science major, one fewer introductory course is required, while one additional advanced course should be part of the plan of study. The Earth science major also offers the possibility of in-depth field experience through a six- to eight-week geology

summer field course, arrangements for which are made through another university. The research and senior thesis capstone requirements are the same as for the environmental science major. The geology summer field course may be used as an alternative means of fulfilling the capstone requirement in the Earth science major.

Concentrations

The program for concentrators serves students who want more exposure to Earth and environmental science than is provided by introductory-level courses. The program aims to provide concentrators with experience in data analysis and a thorough introduction to the Earth's systems.

The concentrations in environmental science and in Earth science are designed to give students an understanding of how the Earth works and an introduction to the methods used to investigate Earth processes, including their capabilities and limitations. Concentrators often join the social professions (e.g., business, law, medicine, etc.) and take with them a strong scientific background. They take the same introductory courses as the majors, but fewer basic science and upper-level courses are required.

In addition to the environmental science and Earth science concentrations, the department sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration. There is also a special concentration in environmental biology for environmental science majors sponsored by the Department of Ecology, Evolution, and Environmental Biology.

DEPARTMENTAL HONORS

The Department of Earth and Environmental Science awards departmental honors to the major or majors in Earth science or environmental science judged to have the best overall academic record. The award is accorded to no more than 10% of the graduating class, or one student in the case of a class smaller than 10. A grade point average of at least 3.6 in the major and a senior thesis or equivalent research of high quality are required. Students who wish to be considered should contact the director of undergraduate studies early in their senior year.

PROFESSORS

Nicholas Christie-Blick
Joel E. Cohen
Peter B. de Menocal
Hugh Ducklow
Sonya Dyhrman
Peter Eisenberger
Göran Ekström
Arlene M. Fiore
Steven L. Goldstein
Arnold L. Gordon
Kevin L. Griffin

Alex Halliday
Sidney R. Hemming (Chair)
Bärbel Hönlisch
Peter B. Kelemen
Galen McKinley
Jerry F. McManus (Associate Chair)
William H. Menke
John C. Mutter
Meredith Nettles
Paul E. Olsen
Terry A. Plank
Lorenzo M. Polvani
G. Michael Purdy
Peter Schlosser
Christopher H. Scholz
Adam H. Sobel
Sean C. Solomon
Marc Spiegelman
Martin Stute (Barnard)
Maria Tolstoy
Renata Wentzcovich

ASSOCIATE PROFESSORS

Ryan Abernathey
Kerry Key
Heather Savage

ASSISTANT PROFESSORS

Jacqueline Austermann
Roisin Commane
Jonathan Kingslake
Yves Moussallam

ADJUNCT PROFESSORS

Robert F. Anderson
W. Roger Buck IV
Denton Ebel
John J. Flynn
James Gaherty
Lisa M. Goddard
Arthur Lerner-Lam
Alberto Malinverno
Douglas G. Martinson
Ronald L. Miller
Mark A. Norell
Dorothy M. Peteet
Maureen Raymo
Andrew Robertson
Joerg M. Schaefer
Christopher Small
Minfang Ting
Felix Waldhauser
Spahr C. Webb
Gisela Winckler

ADJUNCT ASSOCIATE PROFESSORS

Alessandra Giannini
Andrew Juhl

LECTURERS

Pietro Ceccato
Cornelia Class
Andreas Turnherr
Kevin Uno
Christopher Zappa

ASSOCIATES

Erin Coughlin
Brian Kahn
Andrew Kruczkiewicz
Catherine Vaughan

EMERITUS

Mark Cane
James Hays
Paul Richards
Lynn Sykes
David Walker

GUIDELINES FOR ALL EARTH AND ENVIRONMENTAL SCIENCES MAJORS, CONCENTRATORS, AND SPECIAL CONCENTRATORS

Advising

All majors and concentrators, when planning their programs of study, should regularly consult the directors of undergraduate studies, who can be contacted through the department office on the fifth floor of Schermerhorn. The requirements are different for each major and concentration and must be met in conjunction with the general requirements for the bachelor's degree. Declaration of the major must be approved by the department and filed in the departmental office.

Substitutions and Exceptions

1. Higher-level courses may be used to satisfy supporting mathematics and science requirements for students with Advanced Placement preparation with the permission of the major adviser.
2. In addition to the courses listed for the depth, and breadth and related courses requirements, several graduate-level courses offered in the department as well as several advanced courses offered at Barnard may be substituted with the permission of the major adviser.
3. 1000-level courses in the Earth and Environmental Sciences Department can not be used toward meeting the requirements of any of the majors, concentrations, or special concentrations.
4. The following course is not suitable for undergraduates and can not be used toward meeting any of the requirements

for the majors, concentrations, or special concentrations:
EESC GU4930 Earth's Oceans and Atmosphere.

Grading

A grade of C- or better must be obtained for a course to count toward the majors, concentrations, or special concentrations. The grade of P is not acceptable, but a course taken Pass/D/Fail may be counted if and only if the P is uncovered by the Registrar's deadline.

MAJOR IN EARTH SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The major in Earth science requires a minimum of 45.5 points, distributed as follows:

Foundation Courses

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System

Students who wish to take both EESC UN2100 Earth's Environmental Systems: The Climate System and EESC UN2300 Earth's Environmental Systems: The Life System can include one of these under breadth and related fields below.

Supporting Mathematics and Science Courses

One semester of Calculus at the level of Calculus I or higher (3 credits)

MATH UN1101	Calculus I
Select one of the following three-course sequences:	
CHEM UN1403 - CHEM UN1404 - PHYS UN1201	General Chemistry I (Lecture) and General Chemistry II (Lecture) and General Physics I
CHEM UN1403 - PHYS UN1201 - PHYS UN1202	General Chemistry I (Lecture) and General Physics I and General Physics II

Capstone Experience

Select one of the following:

EESC BC3800 - EESC UN3901	Senior Research Seminar and Environmental Science Senior Seminar
EESC BC3801 - EESC UN3901	Senior Research Seminar and Environmental Science Senior Seminar
A six to eight week summer geology field course	

Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an Earth science major that do not require an Earth science background. Several such courses are offered at the *2000*-, *3000*- and *4000*-level in the department and at Barnard. Examples include:

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2300	Earth's Environmental Systems: The Life System
EESC UN3010	Field Geology
EESC BC3017	Environmental Data Analysis
EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
EESC GU4600	Earth Resources and Sustainable Development
EESC GU4917	Earth/Human Interactions
EAEE E2002	Alternative energy resources

Also included among breadth and related fields courses are science, mathematics, statistics, and engineering courses offered by other departments that count toward fulfilling degree requirements in those departments.

Depth Requirement

A minimum of 12 points (four courses) chosen with the major adviser to provide depth in the field of Earth science.

These courses build on the foundation and supporting courses listed above and provide a coherent focus in some area of Earth science. Students should include at least one of the following in their course of study:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	Solid Earth Dynamics

Areas of focus include one of the courses listed above and three or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

Geological Science

EESC GU4090	Introduction to Geochronology and Thermochronology
EESC GU4113	Introduction to Mineralogy
EESC GU4223	Sedimentary Geology
EESC GU4230	Crustal Deformation
EESC GU4701	Introduction to Igneous Petrology
EESC GU4887	Isotope Geology I
EESC GU4947	Plate Tectonics

It is strongly recommended that students focusing in geological science take the summer geology field course as their capstone experience.

Geochemistry

EESC UN3015	The Earth's Carbon Cycle
EESC BC3016	Environmental Measurements

EESC BC3200	Ecotoxicology
EESC GU4090	Introduction to Geochronology and Thermochronology
EESC GU4113	Introduction to Mineralogy
EESC GU4701	Introduction to Igneous Petrology
EESC GU4885	The Chemistry of Continental Waters
EESC GU4887	Isotope Geology I
EESC GU4926	Principles of 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	Introduction to Atmospheric Chemistry
EESC GU4925	Principles of Physical Oceanography
EESC GU4926	Principles of 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 Paleogeography
EESC GU4947	Plate Tectonics
EESC GU4949	Introduction to Seismology

It is recommended that students focusing in solid Earth geophysics take PHYS UN1201-PHYS UN1202 General Physics I and II, and CHEM UN1403 General Chemistry I as their supporting science sequence and also take MATH UN1201 Calculus II.

Climate

EESC UN3015	The Earth's Carbon Cycle
EESC BC3025	Hydrology
EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4835	Wetlands and Climate Change
EESC GU4920	Paleoceanography
EESC GU4924	Introduction to Atmospheric Chemistry
EESC GU4925	Principles of Physical Oceanography
EESC GU4937	Cenozoic Paleogeography

Paleontology

EESC GU4223	Sedimentary Geology
EESC GU4550	Plant Ecophysiology
EESC GU4920	Paleoceanography

EESC GU4924	Introduction to Atmospheric Chemistry
EESC GU4937	Cenozoic Paleoclimatology

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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The major in environmental science requires a minimum of 47 points, distributed as follows:

Foundation Courses

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System
EESC UN2300	Earth's Environmental Systems: The Life System

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 (Lecture) and General Chemistry II (Lecture) and General Physics I
CHEM UN1403 - PHYS UN1201 - PHYS UN1202	General Chemistry I (Lecture) and General Physics I and General Physics II
CHEM UN1403 - EEBB UN2001 - PHYS UN1201	General Chemistry I (Lecture) and Environmental Biology I: Elements to Organisms and General Physics I

Capstone Experience

EESC BC3800 or EESC BC3801	Senior Research Seminar
EESC UN3901	Environmental Science Senior Seminar

Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an environmental science major that do not require an environmental science background. Several such courses are offered at the 2000-, 3000- and 4000-level in the department and at Barnard. Examples include:

EESC BC3017	Environmental Data Analysis
EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
EESC GU4600	Earth Resources and Sustainable Development
EESC GU4917	Earth/Human Interactions
EESC UN3010	Field Geology

Also included among breadth and related fields courses are science, mathematics, statistics, and engineering courses offered by other departments that count toward fulfilling degree requirements in those departments.

Depth Requirement

A minimum of 9 points (three courses) chosen with the major adviser to provide depth in the field of environmental science.

These courses build on the foundation and supporting courses listed above and provide a coherent focus in some area of environmental science. Students should include at least one of the following in their course of study:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	Solid Earth Dynamics

Areas of focus include one of the courses listed above and two or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

Environmental Geology

EESC GU4076	Geologic Mapping
EESC GU4480	Paleobiology and Earth System History
EAEE E3221	Environmental geophysics

It is recommended that students focusing in environmental geology also take EESC W4050 Remote Sensing.

Environmental Geochemistry

EESC UN3015	The Earth's Carbon Cycle
EESC GU4885	The Chemistry of Continental Waters
EESC GU4887	Isotope Geology I
EESC GU4924	Introduction to Atmospheric Chemistry
EESC GU4888	Stable Isotope Geochemistry
EESC GU4926	Principles of Chemical Oceanography

Hydrology

EESC GU4076	Geologic Mapping
EESC GU4835	Wetlands and Climate Change
EESC GU4885	The Chemistry of Continental Waters
EESC BC3025	Hydrology
EAEE E3221	Environmental geophysics

Climate Change

EESC UN3015	The Earth's Carbon Cycle
EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4480	Paleobiology and Earth System History
EESC GU4835	Wetlands and Climate Change
EESC GU4920	Paleoceanography
It is recommended that students focusing in environmental geology also take EESC GU4050 Remote Sensing.	
Energy and Resources	
EESC GU4076	Geologic Mapping
EESC GU4701	Introduction to Igneous Petrology
EAE E2002	Alternative energy resources

CONCENTRATION IN EARTH SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The concentration in Earth science requires a minimum of 25 points, distributed as follows:

Foundation Courses

EESC UN2100	Earth's Environmental Systems: The Climate System
or EESC UN2300	Earth's Environmental Systems: The Life System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System

Supporting Mathematics and Science Courses

Two science or mathematics courses (6-7 points) selected from among those listed for the Earth science major above.

Depth and Breadth and Related Fields Requirements

A minimum of 10 points (typically three courses) is required as follows:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	Solid Earth Dynamics

One additional course chosen from those listed under Depth Requirement for the earth science major above.

The third course selected from those listed under either Depth Requirement or Breadth and Related Fields Requirement for the earth science major above.

CONCENTRATION IN ENVIRONMENTAL SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The concentration in environmental science requires a minimum of 25.5 points, distributed as follows:

Foundation Courses

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System
EESC UN2300	Earth's Environmental Systems: The Life System

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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The Department of Earth and Environmental Sciences sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration.

The special concentration in environmental science requires a minimum of 31.5 points, distributed as follows:

Introductory Environmental Science (13.5 points)

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System

EESC UN2300	Earth's Environmental Systems: The Life System
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Introductory Science (6 points)

Two courses in chemistry, physics, mathematics, or environmental biology from the supporting mathematics and science list for the environmental science major above.

Advanced Environmental Science (12 points)

Four courses at the 3000-level or above chosen from those recommended for the environmental science major above.

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

SPECIAL CONCENTRATION IN ENVIRONMENTAL BIOLOGY FOR MAJORS IN ENVIRONMENTAL SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	Environmental Biology I: Elements to Organisms
EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System
EEEB UN2002	Environmental Biology II: Organisms to the Biosphere

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
CHEM UN1604 - CHEM UN2507	Intensive General Chemistry (Lecture) and Intensive General Chemistry Laboratory

One term of statistics such as the following:

STAT UN1101	Introduction to Statistics
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STAT UN1201	Calculus-Based Introduction to Statistics
BIOL BC2286	Statistics and Research Design
EEEB UN3005	Introduction to Statistics for Ecology and Evolutionary Biology
EEEB UN3087	Conservation Biology

Advanced Environmental Biology (9 points)

Three additional advanced EEBB courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

Advanced courses used to fulfill requirements in the environmental science major cannot count toward requirements for the special concentration.

Sustainable Development

Students interested in sustainable development should refer to the *Sustainable Development* section in this Bulletin.

FALL 2019

EESC UN1001 Dinosaurs and the History of Life: Lectures and Lab. 4 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Recommended preparation: basic high school science and math.

Lab is a hands-on introduction to geochronology, paleontology, and historical geology with field trips. (See W1401 for lectures only.) Dinosaurs: a spectacular example of a common, highly successful form of life, dominant for 135 million years. Where did they come from? Why were they so successful? Why did they die out? A basic introduction to interface between geology and biology.

Fall 2019: EESC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1001	001/55552	M W 1:10pm - 2:25pm 313 Fayerweather	Paul Olsen	4	15/40
EESC 1001	001/55552	M 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen	4	15/40

EESC UN1201 Environmental Risks and Disasters. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Priority given to first-years and sophomores.

Prerequisites: high school science and math.

An introduction to risks and hazards in the environment.

Different types of hazards are analyzed and compared: natural disasters, such as tornados, earthquakes, and meteorite impacts; acute and chronic health effects caused by exposure to radiation and toxic substances such as radon, asbestos, and arsenic; long-term societal effects due to environmental change, such as sea level rise and global warming. Emphasizes the basic physical

principles controlling the hazardous phenomena and develops simple quantitative methods for making scientifically reasoned assessments of the threats (to health and wealth) posed by various events, processes, and exposures. Discusses methods of risk mitigation and sociological, psychological, and economic aspects of risk control and management.

Fall 2019: EESC UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1201	001/10338	T Th 8:40am - 9:55am 603 Schermerhorn Hall	Goran Ekstrom	3	28/50

EESC UN1401 Dinosaurs and the History of Life: Lectures. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Recommended preparation: basic high school science and math.

Dinosaurs: a spectacular example of a common, highly successful form of life, dominant for 135 million years. Where did they come from? Why were they so successful? Why did they die out? A basic introduction to the interface between geology and biology.

Fall 2019: EESC UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1401	001/55553	M W 1:10pm - 2:25pm 313 Fayerweather	Paul Olsen	3	53/80

EESC UN1600 Earth Resources and Sustainable Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: none; high school chemistry recommended.

Survey of the origin and extent of mineral resources, fossil fuels, and industrial materials, that are non renewable, finite resources, and the environmental consequences of their extraction and use, using the textbook *Earth Resources and the Environment*, by James Craig, David Vaughan and Brian Skinner. This course will provide an overview, but will include focus on topics of current societal relevance, including estimated reserves and extraction costs for fossil fuels, geological storage of CO₂, sources and disposal methods for nuclear energy fuels, sources and future for luxury goods such as gold and diamonds, and special, rare materials used in consumer electronics (e.g., "Coltan", mostly from Congo) and in newly emerging technologies such as superconducting magnets and rechargeable batteries (e.g., heavy rare earth elements, mostly from China). Guest lectures from economists, commodity traders and resource geologists will provide "real world" input. Discussion Session Required.

Fall 2019: EESC UN1600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 1600	001/55513	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Peter Kelemen	3	107/150
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EESC UN2100 Earth's Environmental Systems: The Climate System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required
Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be reinstated.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics; and one semester of college science.

Origin and development of the atmosphere and oceans, formation of winds, storms and ocean currents, reasons for changes through geologic time. Recent influence of human activity: the ozone hole, global warming, water pollution. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling. Students majoring in Earth and Environmental Sciences should plan to take EESC W2100 before their senior year to avoid conflicts with Senior Seminar.

Fall 2019: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/55514	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Adam Sobel, Jerry McManus	4.5	46/50
EESC 2100	001/55514	T 4:10pm - 7:00pm 555 Schermerhorn Hall	Adam Sobel, Jerry McManus	4.5	46/50

Spring 2020: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/12430	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	46/50
EESC 2100	001/12430	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	46/50

EESC UN2200 Earth's Environmental Systems: The Solid Earth System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement
Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be necessary.

Prerequisites: high school algebra and chemistry. Recommended preparation: high school physics.

Prerequisites: high school algebra, chemistry, and physics.
Exploration of how the solid Earth works, today and in the past, focusing on Earth in the Solar system, continents and oceans,

the Earth's history, mountain systems on land and sea, minerals and rocks, weathering and erosion, glaciers and ice sheets, the hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, energy resources. Laboratory exploration of topics through examination of rock samples, experimentation, computer data analysis, field exercises, and modeling. Columbia and Barnard majors should plan to take W2200 before their senior year to avoid conflicts with the Senior Seminar.

Fall 2019: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/55515	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Maria Tolstoy, Jonathan Kingslake	4.5	36/50
EESC 2200	001/55515	T 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Maria Tolstoy, Jonathan Kingslake	4.5	36/50

Spring 2020: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/12432	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Sidney Hemming, Steven Goldstein	4.5	55/55
EESC 2200	001/12432	T 4:10pm - 7:00pm 603 Schermerhorn Hall	Sidney Hemming, Steven Goldstein	4.5	55/55

EESC UN2330 Science for Sustainable Development. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Provides an introduction to natural science approaches essential to understanding central issues of sustainable development. Topics may include: climate, ecology/agriculture/biodiversity, energy, natural disasters, population dynamics, public health and water resources. Treatment includes background, methods and applications from selected settings throughout the world. Taught by specialists in a number of fields.

Fall 2019: EESC UN2330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2330	001/55505	M W 2:40pm - 3:55pm B60 Alfred Lerner Hall	John Mutter, Ruth DeFries	3	102/122

EESC UN3101 Geochemistry for a Habitable Planet. 3 points.

Prerequisites: Any 1000-level or 2000-level EESC course; MATH UN1101 Calculus I and CHEM UN1403 General Chemistry I or their equivalents.

The origin, evolution, and future of our planet, based on the book *How to Build a Habitable Planet* by Wallace S. Broecker. This course will focus on the geochemical processes that built Earth from solar material, led to its differentiation into continents and ocean, and have maintained its surface at a comfortable temperature. Students will participate in a hands-on geochemistry project at Lamont-Doherty Earth Observatory.

Fall 2019: EESC UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3101	001/55506	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Terry Plank	3	25/35

EESC UN3400 Introduction to Computational Earth Science. 3 points.

Prerequisites: Required: at least a semester of calculus and physics; any 1000-level or 2000-level EESC course. Recommended: EESC3201 (Solid Earth Dynamics).

Computer models are essential for understanding the behavior of complex natural systems in geosciences. This course is an introduction to writing computer models to simulate Earth processes. Students will learn methods for numerical modeling of a variety of geoscience topics, such as seismic waves, groundwater flow, glacier growth, ocean currents and more. Simulations will be created by learning to program with a user-friendly language (Python). Student learning will be facilitated through a combination of lectures, in-class exercises, homework assignments and a final project on a student-selected modeling topic

Fall 2019: EESC UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3400	001/55554	T Th 2:40pm - 3:55pm 558 Ext Schermerhorn Hall	Kerry Key	3	17/30

EESC UN3901 Environmental Science Senior Seminar. 3 points.

Prerequisites: *EESC BC3800* or *EESC BC3801* and a good grounding in basic sciences.

Guided, independent, in-depth research culminating in the senior thesis in the spring. Includes discussion about scientific presentations and posters, data analysis, library research methods and scientific writing. Students review work in progress and share results through oral reports. Weekly seminar to review work in progress and share results through oral and written reports.

Fall 2019: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/55556	Th 4:10pm - 6:00pm 530 Altschul Hall	Martin Stute, Jacqueline Austermann, Roisin Commane	3	12/50

Spring 2020: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/19645	Th 4:10pm - 6:00pm Room TBA	Martin Stute	3	9/50

EESC GU4008 Introduction to Atmospheric Science. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: advanced calculus and general physics, or the instructor's permission.

Basic physical processes controlling atmospheric structure: thermodynamics; radiation physics and radiative transfer; principles of atmospheric dynamics; cloud processes; applications to Earth's atmospheric general circulation, climatic variations, and the atmospheres of the other planets.

Fall 2019: EESC GU4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4008	001/55561	Th 4:10pm - 6:40pm 214 Seeley W. Mudd Building	Lorenzo Polvani	3	26/30

EESC GU4050 Global Assessment and Monitoring Using Remote Sensing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required
Enrollment limited to 24. Priority given to graduate students in the natural sciences and engineering.

Prerequisites: Course Cap 20 students. Priority given to graduate students in the natural sciences and engineering. Advanced level undergraduates may be admitted with the instructor's permission. Calculus I and Physics I & II are required for undergraduates who wish to take this course.

General introduction to fundamentals of remote sensing; electromagnetic radiation, sensors, interpretation, quantitative image analysis and modeling. Example applications in the Earth and environmental sciences are explored through the analysis of remote sensing imagery in a state-of-the-art visualization laboratory.

Fall 2019: EESC GU4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4050	001/55526	Th 5:40pm - 6:55pm 417 Schermerhorn Hall	Christopher Small	3	9/20
EESC 4050	001/55526	F 9:00am - 10:45am 558 Ext Schermerhorn Hall	Christopher Small	3	9/20

EESC GU4113 Introduction to Mineralogy. 4 points.

Prerequisites: introductory geology or the equivalent, elementary college physics and chemistry, or the instructor's permission. Minerals come in dazzling colors, amazing shapes and with interesting optical effects. But mineralogy is also an essential tool for the understanding of Earth evolution. Minerals represent fundamental building blocks of the Earth system and planetary bodies. Minerals form through geological and biological processes such as igneous, metamorphic and sedimentary from high to low temperatures, from the deep interior to the Earth's surface and related to volcanism, tectonics, weathering, climate and life. Minerals are one of our most important sources of information on such processes through Earth's history. Minerals also represent important natural resources and are fundamental to the global economy and modern technology as we know it.

The goal of this class is to (1) understand the physical and chemical properties of minerals, (2) learn techniques of mineral

identification with an emphasis on optical mineralogy, (3) understand the relationship between minerals and the broader geological context.

Fall 2019: EESC GU4113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4113	001/55517	T Th 11:40am - 12:55pm 506 Schermerhorn Hall	Cornelia Class	4	10/12
EESC 4113	001/55517	T 4:10pm - 6:10pm 506 Schermerhorn Hall	Cornelia Class	4	10/12

EESC GU4330 Introduction to Terrestrial Paleoclimate. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

An overview of the archives in which evidence of terrestrial paleoclimate is preserved, the approaches to developing and applying proxies of climate from these archives, approaches for constraining the time represented by the information, and interpretations that have been developed from such archives. Important archives to be included are ice cores, caves, wetlands, lakes, trees, and moraines. The time interval covered will be mostly the last few tens of thousand years, and chronometers based on radiocarbon, U-series and surface exposure dating will be presented. The course will consist of a formal lecture on one day and a recitation on the second day which will emphasize examples and problem solving.

EESC GU4480 Paleobiology and Earth System History. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: high-school biology, introductory college-level geology.

Course is a survey of the biological and biogeochemical evolution of the Earth System. Students focus not only on a narrative of the panoply of biodiversity through time, but also on the development and the testing of evolutionary and geochemical hypotheses within a historical science. Case studies of mass extinctions and biological innovation as well as current topics and debates will be examined in detail. There are 4 full-day field trips.

Fall 2019: EESC GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4480	001/55555	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Paul Olsen	3	11/50

EESC GU4550 Plant Ecophysiology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: General biology or the instructor's permission.

Given in alternate years. Plant organismal responses to external environmental conditions and the physiological mechanisms of plants that enable these responses. An evolutionary approach is taken to analyze the potential fitness of plants and plant survival based on adaptation to external environmental factors. One weekend field trip will be required.

Fall 2019: EESC GU4550

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4550	001/55530	T Th 1:10pm - 2:25pm 555 Ext Schermerhorn Hall	Kevin Griffin	3	18/25

EESC GU4600 Earth Resources and Sustainable Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: none; high school chemistry recommended. Survey of the origin and extent of mineral resources, fossil fuels, and industrial materials, that are non renewable, finite resources, and the environmental consequences of their extraction and use, using the textbook *Earth Resources and the Environment*, by James Craig, David Vaughan and Brian Skinner. This course will provide an overview, but will include focus on topics of current societal relevance, including estimated reserves and extraction costs for fossil fuels, geological storage of CO₂, sources and disposal methods for nuclear energy fuels, sources and future for luxury goods such as gold and diamonds, and special, rare materials used in consumer electronics (e.g., “Coltan”, mostly from Congo) and in newly emerging technologies such as superconducting magnets and rechargeable batteries (e.g., heavy rare earth elements, mostly from China). Guest lectures from economists, commodity traders and resource geologists will provide “real world” input.

Fall 2019: EESC GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4600	001/55520	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Peter Kelemen	3	9/30

EESC GU4835 Wetlands and Climate Change. 3 points.

Given in alternate years. Enrollment limited to 20. Priority given to juniors and seniors.

Prerequisites: introductory biology or chemistry, or the instructor's permission.

Analysis of modern wetland dynamics and the important ecological, biogeochemical, and hydrological functions taking place in marshes, bogs, fens, and swamps, with a field emphasis. Wetlands as fossil repositories, the paleoenvironmental history they provide, and their role in the carbon cycle. Current wetland destruction, remediation attempts, and valuation. Laboratory analysis and field trips.

Fall 2019: EESC GU4835

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 4835	001/55531	T Th 10:10am - 11:25am 506 Schermerhorn Hall	Dorothy Petec	3	22/36
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EESC GU4917 Earth/Human Interactions. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 20. Priority given to senior natural and social science majors, then graduate students.

Based upon the most current understanding of our planet and our impact on it and how we make decisions about the threats we face, a new knowledge-based “green” framework is developed for our relationship to our planet and to each other as well as its general implications for human stewardship of our planet and meeting the needs of 8 billion humans. This new framework is explored using case studies, class participation, and term papers on specific current scientific and policy issues like global warming, renewable energy, carbon dioxide removal and their impact on the sustainability and resilience of our planet and ourselves

Fall 2019: EESC GU4917

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4917	001/55562	M W 1:10pm - 2:25pm 555 Schermerhorn Hall	Peter Eisenberger	3	5/25

EESC GU4925 Principles of Physical Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Recommended preparation: a solid background in mathematics, physics, and chemistry.

Physical properties of seawater, water masses and their distribution, sea-air interaction influence on the ocean structure, basic ocean circulation pattern, relation of diffusion and advection with respect to distribution of ocean properties, ocean tides and waves, turbulence, and introduction to ocean dynamics.

Fall 2019: EESC GU4925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4925	001/55508	T Th 2:40pm - 3:55pm 555 Schermerhorn Hall	Arnold Gordon, Ryan Abernathey	3	11/25

EESC GU4947 Plate Tectonics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Given in alternate years.

Prerequisites: course in solid earth geology or geophysics; solid background in math and physics

Development of a comprehensive understanding of deformation and evolution of Earth's surface through cross-disciplinary analysis of the plate-tectonic cycle. Topics include the thermal and chemical evolution of mid-ocean ridges, the deep-ocean basins, subduction zones, continental rifts and collisions, and hot spots; driving forces of plate motion and mantle convection; magmatism and volcanism; and faulting and earthquakes.

Emphasizes integration of geophysical, geological and geochemical

observations and processes, with a particular focus on observations from the ocean basins.

Fall 2019: EESC GU4947

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4947	001/55533	T Th 1:10pm - 2:25pm 506 Schermerhorn Hall	James Gaherty, Donna Shillington	3	8/20

SPRING 2020

EESC UN1011 Earth: Origin, Evolution, Processes, Future. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

What is the nature of our planet and how did it form? This class explores Earth's internal structure, its dynamical character expressed in plate tectonics and earthquakes, and its climate system. It also explores what Earth's future may hold. Lecture and lab. Students who wish to take only the lectures should register for UN1411.

Spring 2020: EESC UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1011	001/12421	M W 10:10am - 11:25am 603 Schermerhorn Hall	Sedelia Rodriguez	4	30/30
EESC 1011	001/12421	M 1:10pm - 4:00pm 555 Ext Schermerhorn Hall	Sedelia Rodriguez	4	30/30

EESC UN1030 Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 160.

Explore the geology of the sea floor, understand what drives ocean currents and how ocean ecosystems operate. Case studies and discussions centered on ocean-related issues facing society.

Spring 2020: EESC UN1030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1030	001/12428	T Th 8:40am - 9:55am Room TBA	Baerbel Hoenisch	3	150/160

EESC UN1411 Earth: Origin, Evolution, Processes, Future: Lectures. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

What is the nature of our planet and how did it form? This class explores Earth's internal structure, its dynamical character expressed in plate tectonics and earthquakes, and its climate system. It also explores what Earth's future may hold.

Spring 2020: EESC UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 1411	001/12429	M W 10:10am - 11:25am 603 Schermerhorn Hall	Sedelia Rodriguez	3	35/35
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EESC UN1900 Geological Excursion to the Eastern Sierra, CA. 2 points.

Enrollment limited to 20.

Prerequisites: the instructor's permission.

Spring break field trip to the Eastern Sierra, CA, restricted to first-years and sophomores from Columbia College/General Studies, Barnard College, and the School of Engineering and Applied Science. Excursion focuses on the geology and environment of Mono Lake and adjacent areas. Discussion sessions ahead of the trip provide the necessary background. Early application advised; deadline: November 18. More details at: <http://eesc.columbia.edu/courses/v1900/> (website not up-to-date). Discussion Section Required. Enrollment limit: 20. The instructor's permission required.

Spring 2020: EESC UN1900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1900	001/17792	T 7:30pm - 9:30pm 558 Ext Schermerhorn Hall	Sidney Hemming	2	18/20

EESC UN2100 Earth's Environmental Systems: The Climate System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required

Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be reinstated.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics; and one semester of college science.

Origin and development of the atmosphere and oceans, formation of winds, storms and ocean currents, reasons for changes through geologic time. Recent influence of human activity: the ozone hole, global warming, water pollution. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling. Students majoring in Earth and Environmental Sciences should plan to take EESC W2100 before their senior year to avoid conflicts with Senior Seminar.

Fall 2019: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/55514	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Adam Sobel, Jerry McManus	4.5	46/50

EESC 2100	001/55514	T 4:10pm - 7:00pm 555 Schermerhorn Hall	Adam Sobel, Jerry McManus	4.5	46/50
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Spring 2020: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/12430	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	46/50
EESC 2100	001/12430	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	46/50

EESC UN2200 Earth's Environmental Systems: The Solid Earth System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement

Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be necessary.

Prerequisites: high school algebra and chemistry. Recommended preparation: high school physics.

Prerequisites: high school algebra, chemistry, and physics.

Exploration of how the solid Earth works, today and in the past, focusing on Earth in the Solar system, continents and oceans, the Earth's history, mountain systems on land and sea, minerals and rocks, weathering and erosion, glaciers and ice sheets, the hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, energy resources. Laboratory exploration of topics through examination of rock samples, experimentation, computer data analysis, field exercises, and modeling. Columbia and Barnard majors should plan to take W2200 before their senior year to avoid conflicts with the Senior Seminar.

Fall 2019: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/55515	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Maria Tolstoy, Jonathan Kingslake	4.5	36/50
EESC 2200	001/55515	T 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Maria Tolstoy, Jonathan Kingslake	4.5	36/50

Spring 2020: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/12432	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Sidney Hemming, Steven Goldstein	4.5	55/55
EESC 2200	001/12432	T 4:10pm - 7:00pm 603 Schermerhorn Hall	Sidney Hemming, Steven Goldstein	4.5	55/55

EESC UN2300 Earth's Environmental Systems: The Life System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement

Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be reinstated.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics.

Role of life in biogeochemical cycles, relationship of biodiversity and evolution to the physical Earth, vulnerability of ecosystems to environmental change; causes and effects of extinctions through geologic time (dinosaurs and mammoths) and today. Exploration of topics through laboratories, demonstrations, computer data analysis and modeling. **REQUIRED LAB: EESC UN2310.**

Students should see the Directory of Classes for lab sessions being offered and select one.

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Co-meets with EEEB 2002

Spring 2020: EESC UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2300	001/12434	M W 11:40am - 12:55pm Room TBA	Paul Olsen, Kevin Griffin, Matthew Palmer	4.5	50/50

EESC UN2310 Earth's Environmental Systems: The Life System Required Lab: Sections 001, 002, 003, 004, 005. 0 points.

This three hour lab is required of all students who enroll in *EESC UN2300*. There are currently five lab sections.

Spring 2020: EESC UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2310	001/12436	W 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Paul Olsen, Matthew Palmer, Kevin Griffin	0	23/24
EESC 2310	002/12438	W 4:10pm - 7:00pm 417 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Kevin Griffin	0	5/24
EESC 2310	003/12465	W 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Kevin Griffin	0	5/24
EESC 2310	004/12467	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Kevin Griffin	0	14/24
EESC 2310	005/12468	Th 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Matthew Palmer, Kevin Griffin, Paul Olsen	0	0/24

EESC UN3010 Field Geology. 3 points.

Fee: to be determined.

The centerpiece of this course is a field trip that will take place during Spring Break in Barbados. During the term-time the class will meet before the trip to prepare for it and after the trip to synthesize what was learned and to create a field guide. Subjects to be covered: Plate tectonics / convergent plate margins and accretionary prisms / Barbados geology; ice ages / Milankovitch cycles / sea level; introduction to coral reefs and fossil coral reef geology; Barbados terrestrial ecology; limestone caves / hydrology; dating methods; overview of Barbados history, economy, culture. In order to observe the modern day coral reef (the modern day live analog to the fossil coral reefs) the class will go snorkeling. In order to observe the effects of cave formation and water flow in limestone terrains the class will visit a cave. The class will also participate in an exercise in geological mapping of a series of coral reef terraces.

Priority is given to junior and senior majors and concentrators in the Department of Earth and Environmental Sciences at Columbia College and the School of General Studies, and Barnard Environmental Science majors and minors. Barnard students must receive permission from the Barnard Environmental Science department chair in order to receive the subsidy. All others require the instructor's permission. Interested sophomores planning to major or concentrate in Earth Sciences or Environmental Sciences are encouraged to contact the instructor. By necessity (number of van seats) the course is limited to 20 or 21 students.

Spring 2020: EESC UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3010	001/16057	T 7:30pm - 9:30pm 603 Schermerhorn Hall	Steven Goldstein	3	19/50

EESC UN3201 Solid Earth Dynamics. 3 points.

Prerequisites: any 1000-level or 2000-level EESC course; MATH UN1101 Calculus I and PHYS UN1201 General Physics I or their equivalents. Concurrent enrollment in PHYS UN1201 is acceptable with the instructor's permission.

Properties and processes affecting the evolution and behavior of the solid Earth. This course will focus on the geophysical processes that build mountains and ocean basins, drive plate tectonics, and otherwise lead to a dynamic planet. Topics include heat flow and mantle circulation, earthquakes and seismic waves, gravity, Earth's magnetic field, and flow of glaciers and ice sheets.

Spring 2020: EESC UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3201	001/12469	T Th 8:40am - 9:55am 555 Ext Schermerhorn Hall	Meredith Nettles	3	17/40

EESC UN3901 Environmental Science Senior Seminar. 3 points.

Prerequisites: *EESC BC3800* or *EESC BC3801* and a good grounding in basic sciences.

Guided, independent, in-depth research culminating in the senior thesis in the spring. Includes discussion about scientific presentations and posters, data analysis, library research methods and scientific writing. Students review work in progress and share results through oral reports. Weekly seminar to review work in progress and share results through oral and written reports.

Fall 2019: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/55556	Th 4:10pm - 6:00pm 530 Altschul Hall	Martin Stute, Jacqueline Austermann, Roisin Commance	3	12/50

Spring 2020: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/19645	Th 4:10pm - 6:00pm Room TBA	Martin Stute	3	9/50

EESC GU4009 Chemical Geology. 3 points.

Given in alternate years.

Prerequisites: physical chemistry or the instructor's permission. In this course we will look at geochemical problems from a thermodynamic and kinetics standpoint. We will first review mathematical and theoretical thermodynamic concept before applying them to problems of geological interest. We will see how thermodynamic equations can be used to derive the crystallization depth and temperature of metamorphic and magmatic mineral, describe the solubility of volatile species in magmas, predict the composition of volcanic gas mixtures, model the nucleation and growth of crystals and bubbles in a melt and determine the chemical interaction between water and rock at the surface. We will then look at kinetic problems such as the diffusion of heat and matter through crystals and melts and how these can allow us to get timing constraints on geological processes.

Spring 2020: EESC GU4009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4009	001/16421	T Th 10:10am - 11:25am 506 Schermerhorn Hall	Yves Moussallam	3	5/25

EESC GU4210 Geophysical Fluid Dynamics. 3 points.

Required course for M.A./Ph.D. candidates focusing in physical oceanography and atmospheric sciences. Elective for undergraduate majors in the Department of Earth and Environmental Sciences.

Prerequisites: *APMA E3101*, *APMA E3201* or equivalents and *APPH E4200* or equivalent or the instructor's permission. Fundamental concepts in the dynamics of rotating stratified flows. Geostrophic and hydrostatic balances, potential vorticity, f and beta plane approximations, gravity and Rossby waves, geostrophic adjustment and quasigeostrophy, baroclinic and barotropic instabilities.

Spring 2020: EESC GU4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4210	001/12472	Th 4:10pm - 6:40pm 417 Schermerhorn Hall	Lorenzo Polvani	3	16/35

EESC GU4220 Glaciology. 3 points.

Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course. Recommended: EESC2100 (Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth Dynamics). Experience using MATLAB.

This course examines processes controlling how glaciers and ice sheets grow, retreat, modify their landscape and interact with the rest of the Earth system. We focus on what controls surface mass balance, the transformation from snow to ice, ice deformation, basal sliding, the temperature and age of ice, the flow of water through ice sheets and glaciers, and the two-way interactions between ice and the oceans, atmosphere and solid earth. Weekly lectures are accompanied by practical computer sessions that equip students with key numerical and data analysis skills used in research of glacial processes.

Spring 2020: EESC GU4220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4220	001/12473	T Th 1:10pm - 2:25pm 555 Ext Schermerhorn Hall	Jonathan Kingslake	3	8/30

EESC GU4235 Sea level change. 3 points.

Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course; basic programming experience (e.g. EESC3400 - Introduction to Computational Earth Science). Recommended: EESC2100 (Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth Dynamics).

The course aims to explore sea level changes that take place over a wide variety of timescales and are the result of multiple solid Earth and climatic processes. The course will link a series of solid Earth processes such as mantle convection, viscoelastic deformation, and plate tectonics to the paleoclimate record and investigate how these processes contribute to our understanding of past and present changes in sea level and climate. The course will step chronologically through time starting with long term sea level changes over the Phanerozoic, followed by Plio-Pleistocene ice age sea level variations and lastly modern and future sea level change. This is a cross-disciplinary course, which is aimed at students with interests in geophysics, cryosphere evolution, ocean dynamics, sedimentology, paleogeography, and past and present climate

Spring 2020: EESC GU4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4235	001/12474	T Th 11:40am - 12:55pm 603 Schermerhorn Hall	Jacqueline Austermann	3	8/20

EESC GU4300 The Earth's Deep Interior. 3 points.

Prerequisites: Vector calculus, differential equations, one year of college physics (mechanics, electromagnetism, waves)

An overview of the geophysical study of the Earth, drawing upon geodesy, gravity, seismology, thermal studies, geomagnetism, materials science, and some geochemistry. Covers the principal techniques by which discoveries have been made, and are made, in deep Earth structure. Describes fundamental properties and features of the crust, mantle, and core.

Spring 2020: EESC GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4300	001/12475	Th 1:10pm - 3:40pm 506 Schermerhorn Hall	Goran Ekstrom	3	4/30

EESC GU4885 The Chemistry of Continental Waters. 3 points.

Given in alternate years.

Prerequisites: Recommended preparation: a solid background in basic chemistry.

Introduction to geochemical cycles involving the atmosphere, land, and biosphere; chemistry of precipitation, weathering reactions, rivers, lakes, estuaries, and groundwaters; students are introduced to the use of major and minor ions as tracers of chemical reactions and biological processes that regulate the chemical composition of continental waters.

Spring 2020: EESC GU4885

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4885	001/12476	T Th 2:40pm - 3:55pm 417 Schermerhorn Hall	Robert Anderson	3	6/40

EESC GU4920 Paleoclimatology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Given in alternate years.

Prerequisites: Compliments GU4937 Cenozoic Paleoclimatology, intended as part of a sequence with GU4330 Terrestrial Paleoclimate. For undergrads, UN2100 Earth System: Climate or equivalent, or permission of instructor

The course examines the ocean's response to external climatic forcing such as solar luminosity and changes in the Earth's orbit, and to internal influences such as atmospheric composition, using deep-sea sediments, corals, ice cores and other paleoclimatographic archives. A rigorous analysis of the assumptions underlying the use of climate proxies and their interpretations will be presented. Particular emphasis will be placed on amplifiers of climate change during the alternating ice ages and interglacial intervals of the last few million years, such as natural variations in atmospheric "greenhouse gases" and changes in deep water formation rates, as well as mechanisms of rapid climate change during the late Pleistocene. The influence of changes in the Earth's radiation distribution and boundary conditions on the global ocean circulation, Asian monsoon system and El Nino/Southern Oscillation frequency and intensity, as well as interactions among these systems will be examined using proxy data and models. This course complements W4937 Cenozoic Paleoclimatology

and is intended as part of a sequence with W4330 Terrestrial Paleoclimate for students with interests in Paleoclimate.

Spring 2020: EESC GU4920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4920	001/12477	T 10:10am - 11:25am 555 Ext Schermerhorn Hall	Jerry McManus	3	22/30

EESC GU4924 Introduction to Atmospheric Chemistry. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Physics UN1201, Chem UN1403, & Math UN1201 (Calc III), or their equivalents. Recommended: EESC UN2100 or EESC GU4008.

Physical and chemical processes determining atmospheric composition and the implications for climate and regional air pollution. Atmospheric evolution and human influence; basics of greenhouse effect, photolysis, reaction kinetics, atmospheric transport of trace species; stratospheric ozone chemistry; tropospheric hydrocarbon chemistry; oxidizing power; nitrogen, oxygen, sulfur cycles; chemistry-climate-biosphere interactions; aerosols, smog, acid rain.

Spring 2020: EESC GU4924

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4924	001/12478	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Arlene Fiore	3	16/40

EESC GU4929 Mixing and Dispersion in the Ocean. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Recommended preparation: some background in fluids, as provided by courses like EESC GU4925 or APPH E4200, or the instructor's permission.

Mixing and dispersion in the ocean is of fundamental importance in many oceanographic problems, including climate modeling, paleo and present-day circulation studies, pollutant dispersion, biogeography, etc. The main goal of this course is to provide in-depth understanding (rather than mathematical derivations) of the causes and consequences of mixing in the ocean, and of the properties of dispersion. After introducing the concepts of diffusion and turbulence, instruments and techniques for quantifying mixing and dispersion in the ocean are reviewed and compared. Next, the instabilities and processes giving rise to turbulence in the ocean are discussed. The course concludes with a series of lectures on mixing and dispersion in specific oceanographic settings, including boundary layers, shallow seas, continental shelves, sea straits, seamounts, and mid-ocean ridge flanks.

Spring 2020: EESC GU4929

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 4929	001/12479	T Th 8:40am - 9:55am 417 Schermerhorn Hall	Andreas Thurnherr	3	4/30
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EESC GU4930 Earth's Oceans and Atmosphere. 3 points.

Prerequisites: Recommended preparation: a good background in the physical sciences.

Physical properties of water and air. Overview of the stratification and circulation of Earth's ocean and atmosphere and their governing processes; ocean-atmosphere interaction; resultant climate system; natural and anthropogenic forced climate change.

Spring 2020: EESC GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4930	001/12480	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Arnold Gordon	3	19/30

OF RELATED INTEREST

Environmental Science (Barnard)

EESC BC1001	Environmental Science I
EESC BC1011	Environmental Science I Lab
EESC BC3014	Field Methods in Environmental Science
EESC BC3016	Environmental Measurements
EESC BC3017	Environmental Data Analysis
EESC BC3025	Hydrology
EESC BC3033	Waste Management
EESC BC3050	Big Data with Python: Python for Environmental Analysis and Visualisation
EESC BC3200	Ecotoxicology
EESC BC3300	Workshop in Sustainable Development

Physics

PHYS UN1018	Weapons of Mass Destruction
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GENERALLY ALTERNATE YEAR COURSES

EESC UN1001	Dinosaurs and the History of Life: Lectures and Lab
EESC UN1201	Environmental Risks and Disasters
EESC UN1401	Dinosaurs and the History of Life: Lectures
EESC UN3015	The Earth's Carbon Cycle
EESC GU4009	Chemical Geology
EESC GU4040	Climate Thermodynamics and Energy Transfer
EESC GU4085	Geodynamics
EESC GU4113	Introduction to Mineralogy
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4223	Sedimentary Geology
EESC GU4300	The Earth's Deep Interior

EESC GU4630	Air-sea interaction
EESC GU4701	Introduction to Igneous Petrology
EESC GU4835	Wetlands and Climate Change
EESC GU4885	The Chemistry of Continental Waters
EESC GU4887	Isotope Geology I
EESC GU4888	Stable Isotope Geochemistry
EESC GU4920	Paleoceanography
EESC GU4926	Principles of Chemical Oceanography
EESC GU4937	Cenozoic Paleoceanography
EESC GU4929	Mixing and Dispersion in the Ocean
EESC GU4949	Introduction to Seismology
EESC GR6111	Modern analytical methods in geochemistry
EESC GR6701	Igneous and metamorphic processes during the creation and evolution of the tectonic plates
EESC GR6810	The Carbon Cycle
EESC GR6901	Research Computing for the Earth Sciences
EESC GR6909	Advanced Time Series Analysis
EESC GR6920	Dynamics of Climate
EESC GR6921	Atmospheric Dynamics
EESC GR6922	Atmospheric Radiation
EESC GR6928	Tropical Meteorology
EESC GR6949	Advanced Seismology
EESC GR6930	Ocean Dynamics
EESC GR9500	SEM-PLANT PHYSIOLOGY & EC

EAST ASIAN LANGUAGES AND CULTURES

Departmental Office: 407 Kent; 212-854-5027
ealac.columbia.edu/ (<http://ealac.columbia.edu/>)

Director of Undergraduate Studies: Prof. John Phan, 500A Kent; (212) 854-5744; jp3720@columbia.edu

The program in East Asian studies offers a wide range of courses in a variety of disciplines, as well as training in the Chinese, Japanese, Korean, and Tibetan languages. The program is designed to provide a coherent curriculum for undergraduates wishing to major in East Asian studies, with disciplinary specialization in anthropology, art history, economics, history, literature, philosophy, political science, sociology, or religion. The department also offers a series of introductory and thematic courses especially designed for students seeking to acquire some knowledge of East Asia as part of their broader undergraduate experience.

ADMISSION TO LANGUAGE COURSES

All students wishing to enter the language program at another point besides the first term of the first level must pass a language placement test before registering. The language placement exams are held during the change of program period, the week before classes begin.

Students who have been absent from the campus for one term or more must take a placement test before enrolling in a language course beyond the first term of the first level.

Students who wish to place out of the Columbia College Foreign Language Requirement for a language taught in the department of East Asian Languages and Cultures must consult with the director of the relevant language program. The names of the directors, and additional information about East Asian language programs, can be accessed via the department website at ealac.columbia.edu (<http://ealac.columbia.edu/>).

LANGUAGE LABORATORY

An additional hour of study in the language laboratory is required in first-year Japanese (JPNS UN101 and JPNS UN1102).

JPNS UN1101	First-Year Japanese I
- JPNS UN1102	and First-Year Japanese II

Students taking these courses must attend all assigned language laboratory sessions. Grades for written and oral work in the language laboratory and for additional work in oral drill sessions count as 10% of the final grade in the course. Assignments of laboratory hours are made during the first session of the regular classes.

COURSE NUMBERING

The following are general guidelines to the numbering of department courses open to undergraduates. Students with questions about the nature of a course should consult with the instructor or the director of undergraduate studies.

- *1000*-level: Introductory-level undergraduate courses and first-year language courses
- *2000*-level: Intermediate-level undergraduate courses and second-year language courses
- *3000*-level: Advanced-level undergraduate courses and third-year language courses
- *4000*-level: Advanced courses geared toward undergraduate students available to graduate students or geared toward both undergraduate and graduate students, fourth-year and above language courses

STUDY ABROAD

East Asian Studies majors or concentrators who plan to spend their junior spring abroad must contact the director of

undergraduate studies for information about course selection in the sophomore year.

The Kyoto Center for Japanese Studies

The Kyoto Center offers Columbia students the opportunity to study in Japan in a program combining intensive instruction in the Japanese language with courses taught in English on a wide range of topics in Japanese studies. Students should have at least the equivalent of two years of Japanese by the time of their departure. The program is most appropriate for the junior year, although other arrangements are considered.

East Asian Studies majors or concentrators who opt to spend their junior spring at the Kyoto Center must take the required disciplinary and senior thesis-related courses in the spring of their sophomore year (contact the director of undergraduate studies for details). For further information about the Kyoto Center, please consult Robin Leephaibul: rl2705@columbia.edu.

GRADING

Courses in which the grade of D or P has been received do not count toward the major or concentration requirements.

DEPARTMENTAL HONORS

Departmental honors are conferred only on East Asian Studies majors who have earned a grade point average of at least 3.6 for courses in the major, have pursued a rigorous and ambitious program of study, and have submitted senior theses of superior quality, clearly demonstrating originality and excellent scholarship. Qualified seniors are nominated by their thesis advisers. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Concentrators are not eligible for departmental honors.

PROFESSORS

Paul Anderer
Bernard Faure
Carol Gluck (History)
Robert Hymes
Theodore Hughes
Dorothy Ko (Barnard History)
Eugenia Lean
Feng Li
Lening Liu
Lydia Liu
D. Max Moerman (Barnard)
Wei Shang (Vice Chair)
Haruo Shirane (Chair)
Tomi Suzuki
Gray Tuttle
Madeleine Zelin

ASSOCIATE PROFESSORS

Michael Como (Religion)
David Lurie

Lien-Hang Nguyen (History)
Gregory Pflugfelder

ASSISTANT PROFESSORS

Nicholas Barlett (Barnard)
Jue Guo (Barnard)
Harrison Huang
Jungwon Kim
Seong Uk Kim
Paul Kreitman
John Phan
Ying Qian
Takuya Tsunoda
Zhaohua Yang (Religion)

AFFILIATED FACULTY

Robert Harrist (Art History)
Matthew McKelway (Art History)
Jonathan Reynolds (Art History, Barnard)

SENIOR LECTURERS

Shigeru Eguchi
Yuan-Yuan Meng
Fumiko Nazikian
Miharu Nittono
Zhongqi Shi
Joowon Suh
Zhirong Wang
Ling Yan

LECTURERS

Yu-Shan Chen
Eunice Chung
Lingjun Hu
Tianqi Jiang
Ji-Young Jung
Ulug Kuzuoglu
Beom Lee
Huijuan Liu
Liping Liu
Kyoko Loetscher
Yuka Nakazato
Chung Nguyen
Keiko Okamoto
Jisuk Park
Shaoyan Qi
Junli Shen
Sunhee Song
Naofumi Tatsumi
Sonam Tsering
Feng Wang
Hailong Wang
Xiaodan Wang
Chen Wu
Jia Xu

Hyunkyu Yi

ADJUNCT FACULTY

Seunghee Back
Pema Bhum
Patrick Booz
Yongjun Choi
Karl Debreczeny
Leta Hong Fincher
Hey-Ryoun Hong
Vinh Nguyen
Andrew Plaks
Morris Rossabi
Seunghyo Ryu
Gahye Song
Ximo (Molly Tong)
Konchog Tseten
Yan Wang
Eveline Washul
Charles Woolley
Yaxi Zheng

ON LEAVE (FALL 2019)

Paul Anderer
Eunice Chung
Harrison Huang
Theodore Hughes
Robert Hymes
Jisuk Park
Paul Kreitman
D. Max Moerman

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, or Tibetan, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, or Tibetan (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan), 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 (N) and Third-Year Chinese II (N)
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Or, for heritage students:

CHNS UN3005 - CHNS UN3006	Third-Year Chinese I (W) and Third-Year Chinese II (W)
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JPNS UN3005 - JPNS UN3006	Third-Year Japanese I and Third-Year Japanese II
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KORN UN3005 - KORN UN3006	Third-Year Korean I and Third-Year Korean II
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TIBT UN3611 - TIBT UN3612	Third Year Modern Colloquial Tibetan I and Third Year Modern Colloquial Tibetan II
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Students who test out of three years or more of a language must take an additional year of that language or another East Asian language at Columbia in order to satisfy the language requirement.

Introductory Courses

Students are required to take:

AHUM UN1400	Colloquium on Major Texts: East Asia
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Students must also select two of the following:

ASCE UN1359	Introduction to East Asian Civilizations: China
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ASCE UN1361	Introduction to East Asian Civilizations: Japan
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ASCE UN1363	Introduction to East Asian Civilizations: Korea
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ASCE UN1365	Introduction to East Asian Civilizations: Tibet
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ASCE UN1367	Introduction to East Asian Civilizations: Vietnam
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First-year students and sophomores, prior to declaring an East Asian studies major, are strongly urged to take one or more of the introductory courses.

Methodology Course

All majors must also take EAAS UN3990 Approaches to East Asian Studies which is offered every spring.

Elective Courses

For 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.

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 (<http://ealac.columbia.edu/undergraduate/planning-sheets-forms/>)) to the DUS by Friday, May 26, 2019. Decisions will be made by Friday, May 10.

All potential thesis writers are required to enroll in the Senior Thesis Research Workshop (EAAS UN3999) in the fall of the senior year. Students who perform satisfactorily in this workshop, successfully complete a thesis proposal, and find a faculty adviser will then write the Senior Thesis itself in the spring semester under the direction of the adviser and a graduate student tutor (EAAS UN3901).

The senior thesis typically consists of about 30-35 pages of text (double-spaced, normal typeface and margins) and 5-8 pages of references. Under no circumstances should a thesis exceed a total of 50 pages (including references), without the special permission of the faculty adviser.

Successful completion of the thesis by the April 1 deadline in the spring semester will be necessary but not sufficient for a student to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year; as such, not all thesis writers will receive honors.

CONCENTRATION IN EAST ASIAN STUDIES

Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies concentration: two years of Chinese, Japanese, Korean, or Tibetan, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, or Tibetan (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete UN3003-UN3004 to meet the third-year requirement.

One of the following sequences (in the target language):

CHNS UN3003	Third-Year Chinese I (N)
- CHNS UN3004	and Third-Year Chinese II (N)

Or, for heritage students:

CHNS UN3005	Third-Year Chinese I (W)
- CHNS UN3006	and Third-Year Chinese II (W)

JPNS UN3005	Third-Year Japanese I
- JPNS UN3006	and Third-Year Japanese II

KORN UN3005	Third-Year Korean I
- KORN UN3006	and Third-Year Korean II

TIBT UN3611
- TIBT UN3612

Third Year Modern Colloquial
Tibetan I
and Third Year Modern Colloquial
Tibetan II

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: East Asia

Select one of the following:

ASCE UN1359 Introduction to East Asian Civilizations: China

ASCE UN1361 Introduction to East Asian Civilizations: Japan

ASCE UN1363 Introduction to East Asian Civilizations: Korea

ASCE UN1365 Introduction to East Asian Civilizations: Tibet

ASCE UN1367 Introduction to East Asian Civilizations: Vietnam

Electives

Two courses in East Asian Studies at Columbia or Barnard at the 3000- or 4000-level, subject to approval by the DUS. Concentrators may count Classical Chinese, Classical Japanese, or Classical Tibetan as one of the electives for this requirement.

Concentrators are not eligible for the Senior Thesis Program or for departmental honors.

NOTE: Courses without scheduling information are not offered during this current semester. Please also consult the Directory of Classes (<http://www.columbia.edu/cu/bulletin/uwb/>) for course information before emailing the contact below.

For questions, please contact Youngmi Jin (yj2180@columbia.edu).

CONTENT COURSES

ASCE UN1359 Introduction to East Asian Civilizations: China. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1360

The evolution of Chinese civilization from ancient times to the 20th century, with emphasis on characteristic institutions and traditions.

Fall 2019: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 1359 001/44383 T Th 4:10pm - 5:25pm
310 Fayerweather
Ulug Kuzuoglu 4 81/90

Spring 2020: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1359	001/00444	M W 1:10pm - 2:25pm Room TBA	Jue Guo	4	90/90

ASCE UN1361 Introduction to East Asian Civilizations: Japan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371

A survey of important events and individuals, prominent literary and artistic works, and recurring themes in the history of Japan, from prehistory to the 20th century.

Fall 2019: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/44438	M W 4:10pm - 5:25pm 310 Fayerweather	David Lurie	4	74/90

Spring 2020: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/12350	M W 2:40pm - 3:55pm Room TBA	Gregory Pflugfelder	4	90/90

ASCE UN1363 Introduction to East Asian Civilizations: Korea. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1366

The evolution of Korean society and culture, with special attention to Korean values as reflected in thought, literature, and the arts.

Spring 2020: ASCE UN1363

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1363	001/12351	T Th 2:40pm - 3:55pm Room TBA	Jungwon Kim	4	60/60

ASCE UN1365 Introduction to East Asian Civilizations: Tibet. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course seeks to introduce the sweep of Tibetan civilization and its history from its earliest recorded origins to the present. The course examines what civilizational forces shaped Tibet, especially the contributions of Indian Buddhism, sciences and literature, but also Chinese statecraft and sciences. Alongside the chronological history of Tibet, we will explore aspects of social life and culture.

Fall 2019: ASCE UN1365

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 1365 001/44512 T Th 1:10pm - 2:25pm
310 Fayerweather
Patrick Booz 4 89/90

ASCE UN1367 Introduction to East Asian Civilizations: Vietnam. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Corequisites: ASCE UN1377

This course provides a survey of Vietnamese civilization from prehistoric origins to the French colonization in the 19th century, with special emphasis on the rise and development of independent kingship over the 2nd millennium CE. We begin by exploring ethnolinguistic diversity of the Red River plain over the first millenium BCE, culminating in the material bronze culture known as the *Dong Son*. We then turn towards the introduction of high sinic culture, and the region's long membership within successive Chinese empires. We pay special attention to the rise of an independent state out of the crumbling Tang Dynasty, and the specific nation-building effects of war with the Mongols and the Ming Dynasty, in the 14th and 15th centuries respectively. Our class ends with the French colonization of the region, and the dramatic cultural and intellectual transformations that were triggered as a result. Our course will interrogate Vietnamese culture as a protean object, one that is defined and redefined at virtually every level, throughout a history marked by foreign interest, influence, and invasion.

Fall 2019: ASCE UN1367

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1367	001/44384	M W 2:40pm - 3:55pm 5ab Kraft Center	John Phan	4	54/60

AHUM UN1400 Colloquium on Major Texts: East Asia. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores the core classical literature in Chinese, Japanese and Korean Humanities. The main objective of the course is to discover the meanings that these literature offer, not just for the original audience or for the respective cultures, but for us. As such, it is not a survey or a lecture-based course. Rather than being taught what meanings are to be derived from the texts, we explore meanings together, informed by in-depth reading and thorough ongoing discussion.

Fall 2019: AHUM UN1400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	001/44432	T 12:10pm - 2:00pm 201a Philosophy Hall	Seong-Uk Kim	4	20/22
AHUM 1400	002/07112	W 10:10am - 12:00pm 119 Milstein Center	Jue Guo	4	14/22
AHUM 1400	003/44433	Th 2:10pm - 4:00pm 507 Hamilton Hall	John Phan	4	22/22
AHUM 1400	004/10216	T 4:10pm - 6:00pm 507 Philosophy Hall	Chi Zhang	4	22/20

Spring 2020: AHUM UN1400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	001/12574	Th 10:10am - 12:00pm Room TBA	Harrison Huang	4	20/22
AHUM 1400	002/14059	W 4:10pm - 6:00pm Room TBA	John Chen	4	22/22
AHUM 1400	003/16329	T 2:10pm - 4:00pm Room TBA	Lei Lei	4	25/22
AHUM 1400	004/00601	M 10:10am - 12:00pm Room TBA	Jue Guo	4	22/22

EAAS UN3116 Supernatural in East Asia. 4 points.

This course provides an exploration of key themes in stories of the supernatural in East Asia, specifically China, Japan, and Korea, and their role in the cultural, visual, and religious imagination. The supernatural here ranges from strange animals, foxes, ghosts, and demons to Buddhist miracles and Daoist immortals. The texts range from short stories to plays to visual representations. Literature of the supernatural explores the boundaries between our world and other worlds and between humans and non-humans.

In the process, the course explores different ways in which the supernatural can function, from explorations of the self and the other to embodiments of cultural anxieties and desires.

Spring 2020: EAAS UN3116

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3116	001/15745	T 12:10pm - 2:00pm Room TBA	Chi Zhang	4	20/20

EAAS UN3322 East Asian Cinema. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course introduces students to major works, genres and waves of East Asian cinema from the Silent era to the present, including films from Japan, Korea, Mainland China, Taiwan and Hong Kong. How has cinema participated in East Asian societies' distinct and shared experiences of industrial modernity, imperialism and (post)colonialism? How has cinema engaged with questions of class, gender, ethnic and language politics? In what ways has cinema facilitated transnational circulations and mobilizations of peoples and ideas, and how has it interacted with other art forms, such as theatre, painting, photography and music? In this class, we answer these questions by studying cinemas across the region side-by-side, understanding cinema as deeply embedded in the region's intertwining political, social and cultural histories and circulations of people and ideas. We cover a variety of genres such as melodrama, comedy, historical epic, sci-fi, martial arts and action, and prominent film auteurs such as Yasujiro Ozu, Akira Kurosawa, Yu Hyunmok, Chen Kaige, Hou Hsiao-hsien, and Ann Hui. As cinema is, among other things, a creative practice, in this course, students will be given opportunities to respond to films analytically and creatively, through writing as well as creative visual projects. As a global core course, this class does not assume prior knowledge of East Asian culture or of film studies.

Fall 2019: EAAS UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3322	001/44532	W 4:10pm - 6:00pm 903 School Of Social Work	Ying Qian	4	40/50

EAAS UN3343 Japanese Contemporary Cinema and Media Culture. 4 points.

In this course, we will look at the contemporary history and theory of cinema and media culture in Japan. To be more specific, the course will closely examine 1) the various traits of postmodern Japanese cinemas in the 1980s and the 1990s after the phase of global cinematic modernism, 2) contemporary media phenomena such as media convergence and the media ecologies of anime, 3) media activism after the 2011 Tohoku earthquake, and beyond. We will proceed through careful analysis of films, anime, and digital media, while also addressing larger questions of historiography in general. In other words, this course asks, what is it to study Japanese cinema and media (outside Japan)?

What would be a heuristic narrative mode to examine the (trans-)national history of Japanese cinema and media? Such inquiries will be integrated into the ways we analyze and discuss the films and media works selected for our weekly screenings.

The readings will extend the realm of the course topics to include broader cultural criticism in an attempt to surface the interrelation of (audio-)visual media and culture in Japan.

Fall 2019: EAAS UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3343	001/44369	W 4:10pm - 6:00pm 602 Northwest Corner	Takuya Tsunoda	4	27/30

EAAS UN3338 Cultural History of Japanese Monsters. 3 points.

Priority is given to EALAC and History majors, as well as to those who have done previous coursework on Japan.

From Godzilla to Pokemon (literally, "pocket monster") toys, Japanese monsters have become a staple commodity of late-capitalist global pop culture. This course seeks to place this phenomenon within a longer historical, as well as a broader cross-cultural, context. Through an examination of texts and images spanning over thirteen centuries of Japanese history, along with comparable productions from other cultures, students will gain an understanding not only of different conceptions and representations of monsters, ghosts, and other supernatural creatures in Japan, but also of the role of the "monstrous" in the cultural imagination more generally. The course draws on various media and genres of representation, ranging from written works, both literary and scholarly, to the visual arts, material culture, drama, and cinema. Readings average 100-150 pages per week. Several film and video screenings are scheduled in addition to the regular class meetings. Seating is limited, with final admission based on a written essay and other information to be submitted to the instructor before the beginning of the semester.

Fall 2019: EAAS UN3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3338	001/44511	T Th 6:10pm - 7:25pm 101 Kent Hall	Gregory Pflugfelder	3	9/13

AHUM UN3830 Colloquium On Modern East Asian Texts. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: *AHUM UN3400* is recommended as background. Introduction to and exploration of modern East Asian literature through close reading and discussion of selected masterpieces from the 1890s through the 1990s by Chinese, Japanese, and Korean writers such as Mori Ogai, Wu Jianren, Natsume Soseki, Lu Xun, Tanizaki Jun'ichiro, Shen Congwen, Ding Ling, Eileen Chang, Yi Sang, Oe Kenzaburo, O Chong-hui, and others. Emphasis will be on cultural and intellectual issues and on how literary forms manifested, constructed, or responded to rapidly shifting experiences of modernity in East Asia.

Spring 2020: AHUM UN3830

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3830	001/12489	Th 2:10pm - 4:00pm Room TBA	Charles Woolley	4	22/22

HSEA UN3871 Modern Japan: Images and Words. 3 points.

This course relies primarily on visual materials to familiarize students with the history of Japan from the beginning of the nineteenth century through the present. It follows a chronological order, introducing students to various realms of Japanese visual culture—from woodblock prints to film, anime, and manga—along with the historical contexts that they were shaped by, and in turn helped shape. Special attention will be paid to the visual technologies of nation-building, war, and empire; to historical interactions between Japanese and Euro-American visual culture; to the operations of still versus moving images; and to the mass production of visual commodities for the global marketplace. Students who take the course will emerge not only with a better understanding of Japan's modern historical experience, but also with a more discerning eye for the ways that images convey meaning and offer access to the past.

Fall 2019: HSEA UN3871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3871	001/44516	W 4:10pm - 6:00pm 633 Seeley W. Mudd Building	Gregory Pflugfelder	3	5/18

HSEA UN3898 The Mongols in History. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of the role of the Mongols in Eurasian history, focusing on the era of the Great Mongol Empire. The roles of Chinggis and Khubilai Khan and the modern fate of the Mongols to be considered.

Spring 2020: HSEA UN3898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/12404	T 10:10am - 12:00pm Room TBA	Morris Rossabi	3	28/25

EAAS UN3901 Senior Thesis. 2 points.

Prerequisites: Senior majors only.

Senior Seminar required of all majors in East Asian Studies. Open only to senior majors.

Spring 2020: EAAS UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3901	001/12395		John Phan	2	7/15

EAAS UN3990 Approaches to East Asian Studies. 4 points.

Enrollment is limited to EALAC and AMEC majors and concentrators only.

This course is intended to provide a focal point for undergraduate majors in East Asian Studies. It introduces students to the analysis of particular objects of East Asian historical, literary, and cultural studies from various disciplinary perspectives. The syllabus is composed of a series of modules, each centered around an object, accompanied by readings that introduce different ways of understanding its meaning.

Fall 2019: EAAS UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3990	001/44521	T 2:10pm - 4:00pm 411 Kent Hall	Feng Li	4	23/25

EAAS UN3999 Research in East Asian Studies. 1 point.

Introduces students to research and writing techniques and requires the preparation of a senior thesis proposal. Required for majors and concentrators in the East Asian studies major in the spring term of the junior year.

Fall 2019: EAAS UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3999	001/44404	M 6:10pm - 8:00pm 522d Kent Hall	Xiao Xiao, Yuqing Luo	1	10/25

EAAS GU4123 Japanese Documentary Films. 4 points.

This course investigates the theories and practices of documentary film in Japan. Spanning from the 1920s to the present, we will engage in rigorous examination of the transformations of cinematic forms and contents, and of the social, cultural, and political elements bound up with those transformations. We will also juxtapose aspects of Japanese documentary film with global movements, and wider theories of documentary and non-fiction.

Fall 2019: EAAS GU4123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4123	001/10337	M 4:10pm - 6:00pm 201a Philosophy Hall	Takuya Tsunoda	4	18/15

HSEA GU4222 China's Global Histories: People, Space, and Power. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This seminar asks what Chinese history tells us about global history and vice versa. Taking a long-term and multiregional approach, it invites you to develop your own answers to this question from perspectives such as trade and economy, migration and immigration, empire and imperialism, war, religion, science, gender, ideology, and modern state- and nation-building, and contemporary international relations. We will not only challenge Eurocentric and Sinocentric methodologies, but push toward new conceptual vocabularies that aspire to the genuinely global.

Fall 2019: HSEA GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4222	001/13405	Th 2:10pm - 4:00pm 201a Philosophy Hall	John Chen	4	6/22

EAAS GU4226 Gender, Class and Real Estate in Urbanizing China. 4 points.

This is a seminar for advanced undergraduates and master's degree students, which explores the socioeconomic consequences of China's development of a boom, urban residential real-estate market since the privatization of housing at the end of the 1990s. We will use the intersecting lenses of gender/sexuality, class and race/ethnicity to analyze the dramatic new inequalities created in arguably the largest and fastest accumulation of residential-real estate wealth in history. We will examine topics such as how skyrocketing home prices and state-led urbanization have created winners and losers based on gender, sexuality, class, race/ethnicity and location (*hukou*), as China strives to transform from a predominantly rural population to one that is 60 percent urban by 2020. We explore the vastly divergent effects of urban real-estate development on Chinese citizens, from the most marginalized communities in remote regions of Tibet and Xinjiang to hyper-wealthy investors in Manhattan. Although this course has no formal prerequisites, it assumes some basic knowledge of Chinese history. If you have never taken a course on China before, please ask me for guidance on whether or not this class is suitable for you. The syllabus is preliminary and subject to change based on breaking news events and the needs of the class.

Fall 2019: EAAS GU4226

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4226	001/44524	M 2:10pm - 4:00pm 511 Hamilton Hall	Leta Hong Fincher	4	13/25

EARL GU4310 Life-Writing in Tibetan Buddhist Literature. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course engages the genre of life writing in Tibetan Buddhist culture, addressing the permeable and fluid nature of this important sphere of Tibetan literature. Through Tibetan biographies, hagiographies, and autobiographies, the class will consider questions about how life-writing overlaps with religious

doctrine, philosophy, and history. For comparative purposes, we will read life writing from Western (and Japanese or Chinese) authors, for instance accounts of the lives of Christian saints, raising questions about the cultural relativity of what makes up a life's story.

Spring 2020: EARL GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4310	001/12517	M 12:10pm - 2:00pm Room TBA	Gray Tuttle	4	14/15

EARL GU4324 Religion and Politics in Korea. 4 points.

This course explores diverse aspects of the interactions between religion and politics in modern, pre-modern, and contemporary Korea. It focuses on how Korean religions such as Buddhism, Confucianism, Christianity, and new religions have influenced and been influenced by politics, thereby leading to the mutual transformation of the two major social phenomena.

Fall 2019: EARL GU4324

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4324	001/44523	M 4:10pm - 6:00pm 609 Hamilton Hall	Seong-Uk Kim	4	12/15

EAAS GU4572 Chinese Documentary Cinema. 4 points.

What defines a "documentary" film? How do documentaries inform, provoke and move us? What formal devices and aesthetic strategies do documentaries use to construct visions of reality and proclaim them as authentic, credible and authoritative? What can documentary cinema teach us about the changing Chinese society, and about cinema as a medium for social engagement? This seminar introduces students to the aesthetics, epistemology and politics of documentary cinema in China from the 1940s to the present, with an emphasis on contemporary films produced in the past two decades. We examine how documentaries contended history, registered subaltern experiences, engaged with issues of gender, ethnicity and class, and built new communities of testimony and activism to foster social change. Besides documentaries made by Chinese filmmakers, we also include a small number of films made on China by western filmmakers, including those by Joris Ivens, Michelangelo Antonioni, Frank Capra and Carma Hinton. Topics include documentary poetics and aesthetics, evidence, performance and authenticity, the porous boundaries between documentary and fiction, and documentary ethics. As cinema is, among other things, a creative practice, in this course, students will be given opportunities to respond to films analytically and creatively, through writing as well as creative visual projects.

Spring 2020: EAAS GU4572

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4572	001/12396	W 4:10pm - 6:00pm Room TBA	Ying Qian	4	15/15

HSEA GU4814 Space and Place in Urbanizing Tibet: Indigenous Experiences in China. 4 points.

This course engages with approaches from anthropology, geography, and indigenous studies to analyze contemporary urban transitions on the Tibetan plateau.

Fall 2019: HSEA GU4814

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4814	001/10212	T 4:10pm - 6:00pm 411 Hamilton Hall	Eveline Washul	4	5/12

HSEA GU4815 Faith and Empire: Art and Politics in Tibetan Buddhism. 4 points.

Religious claims to political power are a global phenomenon, and Tibetan Buddhism once offered a divine means to power and legitimacy to rule. This class will explore the intersection of politics, religion, and art in Tibetan Buddhism--the force of religion to claim political power. Images were one of the primary means of political propagation, integral to magical tantric rites, and embodiments of power.

Fall 2019: HSEA GU4815

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4815	001/13425	Th 4:10pm - 6:00pm 116 Knox Hall	Karl Debrecezeny	4	10/15

HSEA GU4816 Comparing Indigeneities. 4 points.

This course critically engages students with the concept of indigeneity to explore how it intersects with ethnicity and race, multiculturalism, citizenship, and membership.

Spring 2020: HSEA GU4816

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4816	001/14056	T 4:10pm - 6:00pm Room TBA	Eveline Washul	4	15/15

HSEA GU4880 History of Modern China I. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

China's transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change.

Fall 2019: HSEA GU4880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/44472	T Th 4:10pm - 5:25pm 413 Kent Hall	Madeleine Zelin	3	41/60

HSEA GU4882 History of Modern China II. 3 points.

China's transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change.

Spring 2020: HSEA GU4882

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4882	001/12405	T Th 10:10am - 11:25am Room TBA	Jian Ming Chang	3	47/35

HSEA GU4888 WOMEN & GENDER IN KOREAN. 4 points.

While the rise of women's history and feminist theory in the 1960s and 1970s fostered more general reevaluations of social and cultural history in the West, such progressions have been far more modest in Korean history. To introduce one of the larger challenges in current Korean historiography, this course explores the experiences, consciousness and representations of women Korea at home and abroad from premodern times to the present. Historical studies of women and gender in Korea will be analyzed in conjunction with theories of Western women's history to encourage new methods of rethinking "patriarchy" within the Korean context. By tracing the lives of women from various socio-cultural aspects and examining the multiple interactions between the state, local community, family and individual, women's places in the family and in society, their relationships with one another and men, and the evolution of ideas about gender and sexuality throughout Korea's complicated past will be reexamined through concrete topics with historical specificity and as many primary sources as possible. With understanding dynamics of women's lives in Korean society, this class will build an important bridge to understand the construction of New Women in early twentieth-century Korea, when women from all walks of life had to accommodate their "old-style" predecessors and transform themselves to new women, as well as the lives of contemporary Korean women. This will be very much a reading-and-discussion course. Lectures will review the readings in historical perspective and supplement them. The period to be studied ranges from the pre-modern time up to the turn of twentieth century, with special attention to the early modern period.

Spring 2020: HSEA GU4888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4888	001/12406	T 6:10pm - 8:00pm Room TBA	Jungwon Kim	4	15/15

HSEA GU4891 LAW IN CHINESE HISTORY. 4 points.

An introduction to major issues of concern to legal historians as viewed through the lens of Chinese legal history. Issues covered include civil and criminal law, formal and informal justice, law and the family, law and the economy, the search for law beyond state-made law and legal codes, and the question of rule of law in China. Chinese codes and course case records and other primary materials in translation will be analyzed to develop a sense of the legal system in theory and in practice.

Spring 2020: HSEA GU4891

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4891	001/15756	Th 4:10pm - 6:00pm Room TBA	Madeleine Zelin	4	15/15

CHINESE LANGUAGE COURSES**CHNS UN1010 Introductory Chinese A. 2.5 points.**

Enrollment limited to 18.

The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course (Part I) is offered in Spring only. Course II is offered in the fall.

The two parts together cover the same materials as Chinese C1101/F1101 (Fall) and fulfill the requirement for admission to Chinese C1102/F1102 (Spring). Standard Chinese pronunciation, traditional characters. Section subject to cancellation if under-enrolled.

Spring 2020: CHNS UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1010	001/12352	M W 8:50am - 9:55am Room TBA	Cheng Ji	2.5	3/12
CHNS 1010	002/12353	T Th 8:50am - 9:55am Room TBA	Shaoyan Qi	2.5	9/12
CHNS 1010	003/12354	M W 11:40am - 12:45pm Room TBA	Cheng Ji	2.5	11/12
CHNS 1010	004/12355	T Th 11:40am - 12:45pm Room TBA	Shaoyan Qi	2.5	12/12

CHNS UN1011 Introductory Chinese B. 2.5 points.

Enrollment limited to 18.

Prerequisites: CHNS W1010y (offered in the Spring only) or the equivalent.

The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course (Part II) is offered in the Fall only. The two parts (I and II) together cover the same materials as Chinese C1101/F1101 (Fall) and fulfill the requirement for admission to Chinese C1102/F1102 (Spring). Standard Chinese pronunciation, traditional characters. Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2019: CHNS UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1011	001/44393	M W 8:50am - 9:55am 255 International Affairs Bldg	Cheng Ji	2.5	6/12
CHNS 1011	002/44394	M W 11:40am - 12:45pm 408 Hamilton Hall	Cheng Ji	2.5	7/12

CHNS UN1101 First-Year Chinese I (N). 5 points.

Enrollment limited to 18. Additional weekly oral session and lab to be arranged.

The course is designed to develop basic skills in understanding, speaking, reading, and writing modern colloquial Chinese. Standard Chinese pronunciation, traditional characters. **Students who can already speak Mandarin will not be accepted into this course.** Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2019: CHNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1101	001/44459	M T W Th 8:50am - 9:55am	Huijuan Liu	5	10/12

CHNS 1101	002/44460	306 Hamilton Hall M T W Th 1:10pm - 2:15pm 537 Grace Dodge Hall (Tc)	Chen Wu	5	11/12
CHNS 1101	003/44461	M T W Th 10:10am - 11:15am 522a Kent Hall	Liping Liu	5	3/12
CHNS 1101	004/44462	M T W Th 11:40am - 12:45pm 522d Kent Hall	Lingjun Hu	5	11/12
CHNS 1101	005/44463	M T W Th 2:40pm - 3:45pm 609 Hamilton Hall	Tianqi Jiang	5	12/12
CHNS 1101	006/44464	M T W Th 4:10pm - 5:15pm 316 Hamilton Hall	Ling Yan	5	12/12
CHNS 1101	007/44465	M T W Th 6:10pm - 7:15pm 423 Kent Hall	Ximo Tong	5	4/12

CHNS UN1102 First-Year Chinese II (N). 5 points.

Enrollment limited to 18. Additional weekly oral session and lab to be arranged.

The course is designed to develop basic skills in understanding, speaking, reading, and writing modern colloquial Chinese. Standard Chinese pronunciation, traditional characters. **Students who can already speak Mandarin will not be accepted into this course.** Section subject to cancellation if under-enrolled. CC GS EN CE

Spring 2020: CHNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1102	001/12356	M T W Th 8:50am - 9:55am Room TBA	Huijuan Liu	5	9/12
CHNS 1102	002/12357	M T W Th 1:10pm - 2:15pm Room TBA	Chen Wu	5	13/12
CHNS 1102	003/12358	M T W Th 10:10am - 11:15am Room TBA	Liping Liu	5	10/12
CHNS 1102	004/12359	M T W Th 11:40am - 12:45pm Room TBA	Lingjun Hu	5	11/12
CHNS 1102	005/12360	M T W Th 2:40pm - 3:45pm Room TBA	Tianqi Jiang	5	14/12
CHNS 1102	006/12361	M T W Th 4:10pm - 5:15pm Room TBA	Junli Shen	5	4/12
CHNS 1102	007/12362	M T W Th 6:10pm - 7:15pm Room TBA	Ximo Tong	5	8/12

CHNS UN1111 First-Year Chinese I (W). 5 points.

Enrollment limited to 25.

The course is specially designed for students of Chinese heritage and advanced beginners with good speaking skills. It aims to develop the student's basic skills to read and write modern colloquial Chinese. Pinyin system is introduced; standard Chinese pronunciation, and traditional characters. Classes will be

conducted mostly in Chinese. **Open to students with Mandarin speaking ability in Chinese only.** CC GS EN CE

Fall 2019: CHNS UN1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1111	001/44466	M W Th 10:10am - 11:25am 337 Seeley W. Mudd Building	Tianqi Jiang	5	16/12
CHNS 1111	002/44467	M T Th 4:10pm - 5:25pm 613 Hamilton Hall	Hailong Wang	5	16/18

CHNS UN1112 First-Year Chinese II (W). 5 points.

Enrollment limited to 25.

The course is specially designed for students of Chinese heritage and advanced beginners with good speaking skills. It aims to develop the student's basic skills to read and write modern colloquial Chinese. Pinyin system is introduced; standard Chinese pronunciation, and traditional characters. Classes will be conducted mostly in Chinese. **Open to students with Mandarin speaking ability in Chinese only.** CC GS EN CE

Spring 2020: CHNS UN1112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1112	001/12363	M W F 10:10am - 11:25am Room TBA	Tianqi Jiang	5	11/12
CHNS 1112	002/12364	M T Th 4:10pm - 5:25pm Room TBA	Hailong Wang	5	16/18

CHNS UN2201 Second-Year Chinese I (N). 5 points.

Enrollment limited to 18. Additional weekly oral session and lab to be arranged.

Prerequisites: *CHNS C1101-1102* or *CHNS F1101-1102*, or the equivalent. See Admission to Language Courses. Designed to further the student's four skills acquired in the elementary course, this program aims to develop higher level of proficiency through comprehensive oral and written exercises. Cultural aspects in everyday situations are introduced. Traditional characters. Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2019: CHNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2201	001/44447	M T W Th 10:10am - 11:15am 501 Milbank Hall	Feng Wang	5	11/12
CHNS 2201	002/44448	M T W Th 11:40am - 12:45pm 313 Pupin Laboratories	Jia Xu	5	15/12
CHNS 2201	003/44449	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Shaoyan Qi	5	7/12
CHNS 2201	004/44450	M T W Th 2:40pm - 3:45pm	Junli Shen	5	12/12

412 Pupin Laboratories

CHNS 2201 005/44451 M T W Th 4:10pm - 5:15pm Cheng Ji 5 12/12

408 Hamilton Hall

CHNS 2201 006/44452 M T W Th 6:10pm - 7:15pm Yaxi Zheng 5 6/12
254 International Affairs Bldg

CHNS UN2202 Second-Year Chinese II (N). 5 points.

Enrollment limited to 18. Additional weekly oral session and lab to be arranged.

Prerequisites: *CHNS C1101-1102* or *CHNS F1101-1102*, or the equivalent. See Admission to Language Courses.

Designed to further the student's four skills acquired in the elementary course, this program aims to develop higher level of proficiency through comprehensive oral and written exercises. Cultural aspects in everyday situations are introduced. Traditional characters. Section subject to cancellation if under-enrolled. CC GS EN CE

Spring 2020: CHNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2202	001/12365	M T W Th 10:10am - 11:15am Room TBA	Feng Wang	5	9/12
CHNS 2202	002/12367	M T W Th 11:40am - 12:45pm Room TBA	Jia Xu	5	14/12
CHNS 2202	003/12368	M T W Th 1:10pm - 2:15pm Room TBA	Shaoyan Qi	5	4/12
CHNS 2202	004/12369	M T W Th 2:40pm - 3:45pm Room TBA	Junli Shen	5	16/12
CHNS 2202	005/12370	M T W Th 4:10pm - 5:15pm Room TBA	Cheng Ji	5	14/12
CHNS 2202	006/12371	M T W Th 6:10pm - 7:15pm Room TBA	Yaxi Zheng	5	6/12

CHNS UN2221 Second-Year Chinese I (W). 5 points.

Enrollment limited to 25.

Prerequisites: chns un1112 or the equivalent. See Admission to Language Courses.

Continuation of *CHNS UN1112*, with a focus on reading comprehension and written Chinese. Traditional characters. CC GS EN CE

Fall 2019: CHNS UN2221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2221	001/44513	M W Th 10:10am - 11:25am 222 Pupin Laboratories	Junli Shen	5	11/12
CHNS 2221	002/44514	M W Th 12:10pm - 1:25pm	Feng Wang	5	5/12

254 International
Affairs Bldg

CHNS UN2222 Second-Year Chinese II (W). 5 points.

Enrollment limited to 25.

Prerequisites: *CHNS C1112* or *F1112*, or the equivalent. See Admission to Language Courses.

Continuation of *CHNS C1112*, with a focus on reading comprehension and written Chinese. Traditional characters. CC GS EN CE

Spring 2020: CHNS UN2222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2222	001/12372	M W Th 10:10am - 11:25am Room TBA	Junli Shen	5	12/12
CHNS 2222	002/12373		Feng Wang	5	5/12

CHNS UN3003 Third-Year Chinese I (N). 5 points.

Enrollment limited to 15.

Prerequisites: *CHNS C1202* or *F1202*, or the equivalent. See Admission to Language Courses.

This course fulfills the language requirement for east Asian studies majors. Prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. Simplified characters are introduced. CC GS EN CE

Fall 2019: CHNS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3003	001/44395	M T W Th 8:50am - 9:55am 313 Hamilton Hall	Zhirong Wang	5	5/12
CHNS 3003	002/44396	M W 10:10am - 11:15am 405 Kent Hall	Huijuan Liu	5	9/12
CHNS 3003	002/44396	T Th 10:10am - 11:15am 407 Mathematics Building	Huijuan Liu	5	9/12
CHNS 3003	003/44397	M T W Th 1:10pm - 2:15pm 543 Grace Dodge Hall (Tc)	Lingjun Hu	5	9/12
CHNS 3003	004/44398	M T W Th 11:40am - 12:45pm 222 Pupin Laboratories	Zhong Qi Shi	5	8/12
CHNS 3003	005/44399	M T W Th 4:10pm - 5:15pm 326 International Affairs Bldg	Liping Liu	5	6/12

CHNS UN3006 Third-Year Chinese II (W). 5 points.

Enrollment limited to 25.

Prerequisites: *CHNS W4005* or the equivalent.

Admission after Chinese placement exam and an oral proficiency interview with the instructor. Especially designed for students who possess good speaking ability and who wish to acquire practical writing skills as well as business-related vocabulary and speech patterns. Introduction to semiformal and formal Chinese used in everyday writing and social or business-related occasions. Simplified characters are introduced.

Spring 2020: CHNS UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3006	001/12380	M W F 10:10am - 11:25am Room TBA	Hailong Wang	5	9/12

CHNS UN3005 Third-Year Chinese I (W). 5 points.

Enrollment limited to 25.

Prerequisites: *CHNS C1222* or *F1222*, or the equivalent.

Admission after Chinese placement exam and an oral proficiency interview with the instructor. Especially designed for students who possess good speaking ability and who wish to acquire practical writing skills as well as business-related vocabulary and speech patterns. Introduction to semiformal and formal Chinese used in everyday writing and social or business-related occasions. Simplified characters are introduced.

Fall 2019: CHNS UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3005	001/44453	M W F 10:10am - 11:25am 325 Pupin Laboratories	Hailong Wang	5	15/18

CHNS UN3004 Third-Year Chinese II (N). 5 points.

Enrollment limited to 15.

Prerequisites: *CHNS W4003* or the equivalent. See Admission to Language Courses.

This course fulfills the language requirement for east Asian studies majors. Prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. Simplified characters are introduced. CC GS EN CE

Spring 2020: CHNS UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3004	001/12374	M T W Th 8:50am - 9:55am Room TBA	Zhirong Wang	5	4/12
CHNS 3004	002/12375	M T W Th 10:10am - 11:15am Room TBA	Huijuan Liu	5	8/12
CHNS 3004	003/12376	M T W Th 1:10pm - 2:15pm Room TBA	Lingjun Hu	5	8/12
CHNS 3004	004/12377	M T W Th 11:40am - 12:45pm Room TBA	Zhong Qi Shi	5	6/12

CHNS 005/12378 M T W Th 4:10pm Liping Liu 5 5/12
3004 - 5:15pm
Room TBA

CHNS GU4012 Business Chinese. 5 points.

Prerequisites: two years of Chinese study at college level.
This course is designed for students who have studied Chinese for two years at college level and are interested in business studies concerning China. It offers systematic descriptions of Chinese language used in business discourse. CC GS EN CE

Fall 2019: CHNS GU4012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4012	001/44454	M T W Th 10:10am - 11:00am 253 Engineering Terrace	Zhong Qi Shi	5	13/12

CHNS GU4013 Business Chinese. 4 points.

Prerequisites: two years of Chinese study at college level.
This course is designed for students who have studied Chinese for two years at college level and are interested in business studies concerning China. It offers systematic descriptions of Chinese language used in business discourse. CC GS EN CE

Spring 2020: CHNS GU4013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4013	001/12381	M T W Th 10:10am - 11:00am Room TBA	Zhong Qi Shi	4	9/12

CHNS GU4014 Media Chinese. 4 points.

Prerequisites: at least 3 years of intensive Chinese language training at college level and the instructor's permission.
This advanced course is designed to specifically train students' listening and speaking skills in both formal and colloquial language through various Chinese media sources. Students view and discuss excerpts of Chinese TV news broadcasts, soap operas, and movie segments on a regular basis. Close reading of newspaper and internet articles and blogs supplements the training of verbal skills.

Fall 2019: CHNS GU4014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4014	001/44389	M T W Th 9:10am - 10:00am 6c Kraft Center	Yuan-Yuan Meng	4	11/13
CHNS 4014	002/44390	M T W Th 10:10am - 11:00am 6c Kraft Center	Yuan-Yuan Meng	4	4/12

CHNS GU4015 READINGS IN MODERN CHINESE. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Fall 2019: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/44411	M T W Th 10:10am - 11:00am	Jia Xu	4	9/12

224 Pupin
Laboratories

CHNS 002/44412 M W Th 6:10pm - 7:25pm
4015 509 Hamilton Hall

Spring 2020: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/12382	M T W Th 9:10am - 10:00am Room TBA	Yuan-Yuan Meng	4	12/12
CHNS 4015	002/12383	M T W Th 10:10am - 11:00am Room TBA	Yuan-Yuan Meng	4	6/12

CHNS GU4016 Fourth-Year Chinese II (N). 4 points.

Prerequisites: *CHNS GU4015* or the equivalent.
Implements a wide range of reading materials to enhance the student's speaking and writing as well as reading skills. Supplemented by television broadcast news, also provides students with strategies to increase their comprehension of formal style of modern Chinese. CC GS EN CE

Spring 2020: CHNS GU4016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4016	001/12384	M T W Th 10:10am - 11:00am Room TBA	Jia Xu	4	4/12
CHNS 4016	002/12385	M W Th 6:10pm - 7:25pm Room TBA	Yuan-Yuan Meng	4	6/12

CHNS GU4017 Readings In Modern Chinese I (W) (Level 4). 4 points.

Prerequisites: *CHNS W4006* or the equivalent.
This is a non-consecutive reading course designed for those whose proficiency is above 4th level. See Admission to Language Courses. Selections from contemporary Chinese authors in both traditional and simplified characters with attention to expository, journalistic, and literary styles.

Fall 2019: CHNS GU4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4017	001/44391	M W F 11:40am - 12:55pm 537 Grace Dodge Hall (Tc)	Chen Wu	4	2/12

CHNS GU4018 Readings In Modern Chinese II (W) (Level 4). 4 points.

Prerequisites: *CHNS W4017* or the equivalent.
This is a non-consecutive reading course designed for those whose proficiency is above 4th level. See Admission to Language Courses. Selections from contemporary Chinese authors in both traditional and simplified characters with attention to expository, journalistic, and literary styles.

Spring 2020: CHNS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHNS 4018	001/12386	M W F 11:40am - 12:55pm Room TBA	Chen Wu	4	5/12
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CHNS GU4019 History of Chinese Language. 3 points.

Introduces the evolution of Chinese language. It reveals the major changes in Chinese sound, writing and grammar systems, and social and linguistic factors which caused these changes. CC GS EN CE GSAS

Fall 2019: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/44401	T Th 10:10am - 11:25am 522d Kent Hall	Zhirong Wang	3	8/12

Spring 2020: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/12387	T Th 10:10am - 11:25am Room TBA	Zhirong Wang	3	15/15

CHNS GU4301 Introduction To Classical Chinese I. 3 points.

Prerequisites: completion of three years of modern Chinese at least, or four years of Japanese or Korean.

Fall 2019: CHNS GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4301	001/44455	M W F 11:00am - 11:50am 254 International Affairs Bldg	Lening Liu	3	16/15

CHNS GU4302 Introduction To Classical Chinese II. 3 points.

Prerequisites: *CHNS W3301*: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean.

Please see department. Prerequisites: *CHNS W3301*: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean.

Spring 2020: CHNS GU4302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4302	001/12388	M T Th 11:00am - 11:50am Room TBA	Lening Liu	3	14/20

CHNS GU4507 Readings in Classical Chinese I. 4 points.

Prerequisites: *CHNS W3302* or the equivalent.

Admission after placement exam. Focusing on Tang and Song prose and poetry, introduces a broad variety of genres through close readings of chosen texts as well as the specific methods, skills, and tools to approach them. Strong emphasis on the grammatical and stylistic analysis of representative works. CC GS EN CE

Fall 2019: CHNS GU4507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4507	001/44380	T Th 10:10am - 11:25am 411 Kent Hall	Wei Shang	4	17/20

CHNS GU4508 Readings in Classical Chinese II. 4 points.

Prerequisites: *CHNS W4007* or the equivalent.

Admission after placement exam. Focusing on Tang and Song prose and poetry, introduces a broad variety of genres through close readings of chosen texts as well as the specific methods, skills, and tools to approach them. Strong emphasis on the grammatical and stylistic analysis of representative works. CC GS EN CE

Spring 2020: CHNS GU4508

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4508	001/12389	W F 10:10am - 11:25am Room TBA	Andrew Plaks	4	8/15

CHNS GU4516 FIFTH YEAR CHINESE I. 4 points.

updating...

Fall 2019: CHNS GU4516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4516	001/44392	T Th 10:10am - 11:25am 326 International Affairs Bldg	Lening Liu	4	12/12

CHNS GU4904 Acquisition of Chinese as a Second Language. 4 points.

For more than forty years, second language acquisition (SLA) has been emerging as an independent field of inquiry with its own research agenda and theoretical paradigms. The study of SLA is inherently interdisciplinary, as it draws on scholarship from the fields of linguistics, psychology, education, and sociology. This course explores how Chinese is acquired by non-native speakers. Students will learn about general phenomena and patterns during the process of acquiring a new language. They will become familiar with important core concepts, theoretical frameworks, and research practices of the field of SLA, with Chinese as the linguistic focus.

Fall 2019: CHNS GU4904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4904	001/44456	T Th 2:40pm - 3:55pm 703 Hamilton Hall	Shaoyan Qi	4	8/12

JAPANESE LANGUAGE COURSES**JPNS UN1001 Introductory Japanese A. 2.5 points.**

The sequence begins in the spring term. *JPNS W1001-W1002* is equivalent to *JPNS C1101* or *F1101* and fulfills the requirement for admission to *JPNS C1102* or *F1102*. Aims at the acquisition of basic Japanese grammar and Japanese culture with an emphasis on accurate communication in speaking and writing. CC GS EN CE GSAS

Spring 2020: JPNS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1001	001/12411	M W 11:40am - 12:45pm	Naofumi Tatsumi	2.5	15/15

		Room TBA			
JPNS 1001	002/12412	M W 5:40pm - 6:45pm	Yuka Nakazato	2.5	15/15
		Room TBA			
JPNS 1001	003/12413	T Th 11:40am - 12:45pm	Naofumi Tatsumi	2.5	15/15
		Room TBA			
JPNS 1001	004/12414	T Th 5:40pm - 6:45pm	Yuka Nakazato	2.5	15/15
		Room TBA			

JPNS UN1002 Introductory Japanese B. 2.5 points.

Prerequisites: C+ or above in *JPNS W1001* or pass the placement test.

The sequence begins in the spring term. *JPNS W1001-W1002* is equivalent to *JPNS C1101* or *F1101* and fulfills the requirement for admission to *JPNS C1102* or *F1102*. Aims at the acquisition of basic Japanese grammar and Japanese culture with an emphasis on accurate communication in speaking and writing. CC GS EN CE GSAS

Fall 2019: JPNS UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1002	001/44414	M W 5:40pm - 6:45pm 406 Hamilton Hall	Yuka Nakazato	2.5	10/15
JPNS 1002	002/44415	T Th 5:40pm - 6:45pm 522d Kent Hall	Yuka Nakazato	2.5	9/15

JPNS UN1101 First-Year Japanese I. 5 points.

Lab Required

Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts.

Fall 2019: JPNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1101	001/44478	M T W Th 10:10am - 11:15am 4a Kraft Center	Mayumi Nishida	5	14/15
JPNS 1101	002/44479	M T W Th 11:40am - 12:45pm 4c Kraft Center	Fumiko Nazikian	5	15/15
JPNS 1101	003/44480	M T W Th 1:10pm - 2:15pm 407 Hamilton Hall	Naofumi Tatsumi	5	14/15
JPNS 1101	004/44481	M T W Th 2:40pm - 3:45pm 616 Hamilton Hall	Keiko Okamoto	5	17/15
JPNS 1101	005/44482	M T W Th 4:10pm - 5:15pm 522d Kent Hall	Yuka Nakazato	5	17/15
JPNS 1101	006/18078	M T W Th 11:40am - 12:45pm 522a Kent Hall	Shigeru Eguchi	5	14/12

JPNS UN1102 First-Year Japanese II. 5 points.

Lab Required

Prerequisites: *JPNS C1101*, *F1101*, or *W1001-W1002*, or the equivalent.

Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts.

Spring 2020: JPNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1102	001/12415	M T W Th 10:10am - 11:15am Room TBA	Mayumi Nishida	5	15/15
JPNS 1102	002/12416	M T W Th 11:40am - 12:45pm Room TBA	Fumiko Nazikian	5	16/15
JPNS 1102	003/12417	M T W Th 1:10pm - 2:15pm Room TBA	Fumiko Nazikian	5	15/15
JPNS 1102	004/12418	M T W Th 2:40pm - 3:45pm Room TBA	Fumiko Nazikian	5	12/15
JPNS 1102	005/12419	M T W Th 4:10pm - 5:15pm Room TBA	Keiko Okamoto	5	15/15
JPNS 1102	006/12420	M T W Th 11:40am - 12:45pm Room TBA	Yuka Nakazato	5	15/15

JPNS UN2201 Second-Year Japanese I. 5 points.

Lab Required

Prerequisites: *JPNS C1102* or the equivalent.

Further practice in the four language skills. Participation in a once a week conversation class is required.

Fall 2019: JPNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 2201	001/44373	M T W Th 10:10am - 11:15am 4c Kraft Center	Fumiko Nazikian	5	12/15
JPNS 2201	002/44374	M T W Th 11:40am - 12:45pm 4a Kraft Center	Naofumi Tatsumi	5	7/15
JPNS 2201	004/44376	M T W Th 4:10pm - 5:15pm 315 Hamilton Hall	Shigeru Eguchi	5	14/15

JPNS UN2202 Second-Year Japanese II. 5 points.

Lab Required

Prerequisites: *JPNS C1201* or the equivalent.

Further practice in the four language skills. Participation in a once a week conversation class is required.

Spring 2020: JPNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 2202	001/12422	M T W Th 10:10am - 11:15am Room TBA	Naofumi Tatsumi	5	14/15
JPNS 2202	002/12423	M T W Th 11:40am - 12:45pm Room TBA	Shigeru Eguchi	5	11/15
JPNS 2202	003/12424	M T W Th 4:10pm - 5:15pm Room TBA	Shigeru Eguchi	5	11/15

JPNS UN3005 Third-Year Japanese I. 5 points.

Prerequisites: *JPNS C1202* or the equivalent.

Readings in authentic/semi-authentic texts, videos, and class discussions.

Fall 2019: JPNS UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3005	001/44416	M T W Th 11:40am - 12:45pm 423 Kent Hall	Keiko Okamoto	5	7/15
JPNS 3005	002/44417	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Kyoko Loetscher	5	10/15

JPNS UN3006 Third-Year Japanese II. 5 points.

Prerequisites: *JPNS W4005* or the equivalent.

Readings in authentic/semi-authentic texts, videos, and class discussions.

Spring 2020: JPNS UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3006	001/12425	M T W Th 11:40am - 12:45pm Room TBA	Keiko Okamoto	5	6/15
JPNS 3006	002/12426	M T W Th 2:40pm - 3:45pm Room TBA	Kyoko Loetscher	5	7/15

JPNS UN3610 Tokyo Olympics Japanese - N2 Level Proficiency. 0 points.

Prerequisites: Completion of Second-Year Japanese or above. This course is intended to prepare students for the Japanese Language Proficiency Test (JLPT) N2 level, which will be administered by the Japan Foundation on December 1, 2019. With nearly 890,000 people taking the JLPT in 2017 compared to 750,000 in 2016, this test has shown to be a reliable means by which to evaluate the Japanese proficiency of non-native speakers. Passing this test, therefore, provides students with more opportunities to work in Japan, to study at Japanese universities, or to receive scholarships to further their Japanese studies. The JLPT can also help earn students a position working for the Tokyo Olympics, which will take place in the summer of 2020.

Course points: 2.5

Fall 2019: JPNS UN3610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3610	001/10208	M W 4:10pm - 5:15pm 406 Hamilton Hall	Naofumi Tatsumi	0	3/10

JPNS UN3611 Tokyo Olympics Japanese II- N2 Proficiency Level. 0 points.

This course will instruct students on how to apply their Japanese skills gained during the process of preparing for the N2 exam.

Students who have studied for the N2 exam may have noticed that speaking and writing skills are relatively underappreciated on the exam. However, refining speaking and writing skills is crucial for those interested in future opportunities that require

Japanese. To this end, students are strongly encouraged to take this course in order to improve their abilities outside of the JLPT exam requirements.

Course points: 2.5

Spring 2020: JPNS UN3611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3611	001/12427	M W 4:10pm - 5:15pm Room TBA	Miharu Nittono	0	3/10

JPNS GU4007 Introduction To Classical Japanese. 4 points.

Prerequisites: *JPNS C1202* or the equivalent.

Introduction to the fundamentals of classical Japanese grammar. Trains students to read Japanese historical and literary texts from the early period up to the 20th century.

Fall 2019: JPNS GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4007	001/44427	T Th 10:10am - 11:25am 304 Hamilton Hall	Charles Woolley	4	7/15

JPNS GU4008 Readings in Classical Japanese. 4 points.

Close readings of specific texts, as well as methods, skills, and tools.

Spring 2020: JPNS GU4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4008	001/12431	M W 10:10am - 11:25am Room TBA	David Lurie	4	5/15
JPNS 4008	002/12433	M 6:10pm - 8:00pm Room TBA	Mo Li	4	6/15

JPNS GU4012 Fourth Year Business Japanese I. 4 points.

Prerequisites: Third Year Level Japanese I and II, or equivalent.

This course is designed for intermediate students to acquire advanced Japanese proficiency in all four skills: speaking, listening, writing, and reading with the focus on using Japanese in business settings. The main objective of this course is to foster not only students' practical communication skills in business Japanese but also to develop their ability to carry out business activities in a global society (a society of multiple languages and cultures) by incorporating interdisciplinary subjects.

Fall 2019: JPNS GU4012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4012	001/10228	M W F 1:10pm - 2:25pm 423 Kent Hall	Kyoko Loetscher	4	9/12

JPNS GU4013 Fourth Year Business Japanese II. 4 points.

Fourth Year Business Japanese II will continue to help intermediate students to acquire advanced Japanese proficiency in all four skills: speaking, listening, writing, and reading with the focus on using Japanese in business settings. The main objective of this course is to foster not only students' practical

communication skills in business Japanese but also to develop their ability to carry out business activities in a global society (a society of multiple languages and cultures) by incorporating interdisciplinary subjects.

Spring 2020: JPNS GU4013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4013	001/15747	M W F 1:10pm - 2:25pm Room TBA	Kyoko Loetscher	4	9/12

JPNS GU4017 Fourth-Year Japanese I. 4 points.

Prerequisites: *JPNS W4006* or the equivalent.

Sections 1 & 2: Readings of advanced modern literary, historical, political, and journalistic texts, and class discussions about current issues and videos. Exercises in scanning, comprehension, and English translation. Section 3: Designed for advanced students interested in developing skills for reading and comprehending modern Japanese scholarship.

Fall 2019: JPNS GU4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4017	001/44483	M W F 10:10am - 11:25am 411 Kent Hall	Shigeru Eguchi	4	13/12

JPNS GU4018 Fourth-Year Japanese II. 4 points.

Prerequisites: *JPNS W4017* or the equivalent.

Sections 1 & 2: Readings of advanced modern literary, historical, political, and journalistic texts, and class discussions about current issues and videos. Exercises in scanning, comprehension, and English translation. Section 3: Designed for advanced students interested in developing skills for reading and comprehending modern Japanese scholarship.

Spring 2020: JPNS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4018	001/12435	M W F 10:10am - 11:25am Room TBA	Shigeru Eguchi	4	8/12

JPNS GU4610 Tokyo Olympics Japanese - N1 Level Proficiency. 0 points.

Prerequisites: Completion of Third Year Japanese or above This course is intended to prepare students for the Japanese Language Proficiency Test (JLPT) N1 level, which will be administered by the Japan Foundation on December 1, 2019. With nearly 890,000 people taking the JLPT in 2017 compared to 750,000 in 2016, this test has shown to be a reliable means by which to evaluate the Japanese proficiency of non-native speakers. Passing this test, therefore, provides students with more opportunities to work in Japan, to study at Japanese universities, or to receive scholarships to further their Japanese studies. The JLPT can also help earn students a position working for the Tokyo Olympics, which will take place in the summer of 2020.

Course points: 2.5

Fall 2019: JPNS GU4610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4610	001/10130	T Th 4:10pm - 5:15pm 423 Kent Hall	Miharu Nittono	0	6/10

JPNS GU4611 Tokyo Olympics Japanese II- N1 Proficiency Level. 0 points.

This course is intended to prepare students for applying their Japanese skills and knowledge gained during the process of studying for the N1 exam. Students who have studied for the N1 exam may have noticed that speaking and writing skills are relatively underappreciated within the exam. However, refining speaking and writing skills is crucial for those interested in future opportunities that require Japanese. To this end, students are strongly encouraged to take this course in order to improve their abilities outside of the JLPT exam requirements.

Course points: 2.5

Spring 2020: JPNS GU4611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4611	001/12572	T Th 4:10pm - 5:15pm Room TBA	Miharu Nittono	0	3/10

KOREAN LANGUAGE COURSES

KORN UN1001 Introductory Korean A. 2.5 points.

This course provides basic training in listening, speaking, reading, and writing in Korean. Elementary Korean A (1001y) is equivalent to the first half of Elementary Korean I. Elementary Korean B (1002x) is equivalent to the second half of Elementary Korean I.

Spring 2020: KORN UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1001	001/12441	M W 2:40pm - 3:45pm Room TBA	Hyunkyu Yi	2.5	11/14
KORN 1001	002/12442	T Th 2:40pm - 3:45pm Room TBA	Hyunkyu Yi	2.5	11/14
KORN 1001	003/12443	M W 11:40am - 12:45pm Room TBA	Seunghyo Ryu	2.5	9/14
KORN 1001	004/12444	T Th 11:40am - 12:45pm Room TBA	Seunghyo Ryu	2.5	11/14
KORN 1001	005/12445	M W 4:10pm - 5:15pm Room TBA	Ji-Young Jung	2.5	7/14

KORN UN1002 Introductory Korean B. 2.5 points.

This course provides basic training in listening, speaking, reading, and writing in Korean. Elementary Korean A (1001y) is equivalent to the first half of Elementary Korean I. Elementary Korean B (1002x) is equivalent to the second half of Elementary Korean I.

Fall 2019: KORN UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1002	001/44377	M W 2:40pm - 3:45pm 501 International Affairs Bldg	Hyunkyu Yi	2.5	12/14
KORN 1002	002/44378	T Th 2:40pm - 3:45pm 254 International Affairs Bldg	Hyunkyu Yi	2.5	8/14
KORN 1002	003/44517	M W 4:10pm - 5:15pm 522c Kent Hall	Ji-Young Jung	2.5	6/14

KORN UN1101 First-Year Korean I. 5 points.

Lab Required

Students who are unsure which section to register for should see the director of the Korean Language Program.

An introduction to written and spoken Korean. Textbook: Integrated Korean, Beginning I and II.

Fall 2019: KORN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1101	002/44421	T Th 11:40am - 12:45pm 407 Hamilton Hall	Hey-Ryoun Hong	5	13/14
KORN 1101	002/44421	M W 11:40am - 12:45pm 616 Hamilton Hall	Hey-Ryoun Hong	5	13/14
KORN 1101	003/44422	M T W Th 1:10pm - 2:15pm 411 Hamilton Hall	Ji-Young Jung	5	14/14
KORN 1101	004/44423	M T W Th 2:40pm - 3:45pm 407 Hamilton Hall	Joowon Suh	5	10/14
KORN 1101	005/44518	M T W Th 4:10pm - 5:15pm 413 Hamilton Hall	Gahye Song	5	11/14

KORN UN1102 First-Year Korean II. 5 points.

Lab Required

Students who are unsure which section to register for should see the director of the Korean Language Program.

An introduction to written and spoken Korean. Textbook: Integrated Korean, Beginning I and II.

Spring 2020: KORN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1102	001/12446	M T W Th 10:10am - 11:15am Room TBA	Hey-Ryoun Hong	5	7/14
KORN 1102	002/12447	M T W Th 11:40am - 12:45pm Room TBA	Eunice Chung	5	13/14
KORN 1102	003/12448	M T W Th 1:10pm - 2:15pm Room TBA	Ji-Young Jung	5	13/14
KORN 1102	004/12449	M T W Th 2:40pm - 3:45pm Room TBA	Joowon Suh	5	9/14

KORN 1102	005/12450	M T W Th 4:10pm - 5:15pm Room TBA	Ga Hye Song	5	14/14
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KORN UN2201 Second-Year Korean I. 5 points.

Prerequisites: *KORN W1102* or the equivalent. Consultation with the instructors is required before registration for section assignment.

Further practice in reading, writing, listening comprehension, conversation, and grammar.

Fall 2019: KORN UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2201	001/44429	M T W Th 11:40am - 12:45pm 507 Philosophy Hall	Seunghee Back	5	14/14
KORN 2201	002/44430	M T W Th 1:10pm - 2:15pm 4a Kraft Center	Beom Lee	5	11/14
KORN 2201	003/44431	M T W Th 2:40pm - 3:45pm 4a Kraft Center	Beom Lee	5	13/14
KORN 2201	004/44519	M W 4:10pm - 5:15pm 407 Hamilton Hall	YongJun Choi	5	4/14
KORN 2201	004/44519	T Th 4:10pm - 5:15pm 411 Kent Hall	YongJun Choi	5	4/14

KORN UN2202 Second-Year Korean II. 5 points.

Prerequisites: *KORN W1102* or the equivalent. Consultation with the instructors is required before registration for section assignment.

Further practice in reading, writing, listening comprehension, conversation, and grammar.

Spring 2020: KORN UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2202	001/12451	M T W Th 11:40am - 12:45pm Room TBA	Seunghee Back	5	7/14
KORN 2202	002/12452	M T W Th 1:10pm - 2:15pm Room TBA	Eunice Chung	5	14/14
KORN 2202	003/12453	M T W Th 2:40pm - 3:45pm Room TBA	Beom Lee	5	11/14
KORN 2202	004/12454	M T Th 4:10pm - 5:15pm Room TBA	YongJun Choi	5	14/14

KORN UN3005 Third-Year Korean I. 5 points.

Prerequisites: *KORN W1202* or the equivalent and consultation with instructor. (See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.)

Readings in modern Korean. Selections from modern Korean writings in literature, history, social sciences, culture, and videos and class discussions.

Fall 2019: KORN UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3005	001/44424	M T W Th 11:40am - 12:45pm 425 Pupin Laboratories	Hyunkyu Yi	5	12/14
KORN 3005	002/44425	M T W Th 11:40am - 12:45pm 424 Kent Hall	Ji-Young Jung	5	12/14

KORN UN3006 Third-Year Korean II. 5 points.

Prerequisites: *KORN W1202* or the equivalent and consultation with instructor. (See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.)

Readings in modern Korean. Selections from modern Korean writings in literature, history, social sciences, culture, and videos and class discussions.

Spring 2020: KORN UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3006	001/12455	M T W Th 11:40am - 12:45pm Room TBA	Hyunkyu Yi	5	11/14
KORN 3006	002/12456	M T W Th 11:40am - 12:45pm Room TBA	Ji-Young Jung	5	12/14

KORN GU4105 Fourth-Year Korean I. 4 points.

Prerequisites: *KORN W4006* or the equivalent.

Selections from advanced modern Korean writings in social sciences, literature, culture, history, journalistic texts, and intensive conversation exercises.

Fall 2019: KORN GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4105	001/44379	M W Th 10:10am - 11:25am 602 Northwest Corner	Beom Lee	4	12/12

KORN GU4106 Fourth-Year Korean II. 4 points.

Prerequisites: *KORN W4006* or the equivalent.

Selections from advanced modern Korean writings in social sciences, literature, culture, history, journalistic texts, and intensive conversation exercises.

Spring 2020: KORN GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4106	001/12457	M W Th 10:10am - 11:25am Room TBA	Beom Lee	4	9/12

KORN GU4511 FIFTH YEAR KOREAN I. 4 points.

Please see department for details.

Fall 2019: KORN GU4511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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KORN 4511	001/44487	M W 11:40am - 12:55pm 402 Kent Hall	Joowon Suh	4	4/12
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KORN GU4512 FIFTH YEAR KOREAN II. 4 points.**Spring 2020: KORN GU4512**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4512	001/12458	M W 11:40am - 12:55pm Room TBA	Joowon Suh	4	2/12

TIBETAN LANGUAGE COURSES**TIBT UN1410 FIRST YEAR CLASSICAL TIBETAN I. 4 points.**

First year Classical Tibetan

Fall 2019: TIBT UN1410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1410	001/44496	M W 4:10pm - 6:00pm 352b International Affairs Bldg	Kunchog Tseten	4	2/15

TIBT UN1411 Elementary Classical Tibetan II. 3 points.**Spring 2020: TIBT UN1411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1411	001/12459	M W 6:10pm - 8:00pm 352b International Affairs Bldg	Kunchog Tseten	3	3/15

TIBT UN1600 First Year Modern Colloquial Tibetan I. 5 points.

This is an introductory course and no previous knowledge is required. It focuses on developing basic abilities to speak as well as to read and write in modern Tibetan, Lhasa dialect. Students are also introduced to modern Tibetan studies through selected readings and guest lectures.

Fall 2019: TIBT UN1600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1600	001/44498	M T W Th 12:10pm - 1:00pm 352b International Affairs Bldg	Sonam Tsering	5	8/15

TIBT UN1601 FIRST YEAR MODERN COLLOQUIAL TIBETAN II. 5 points.

This is an introductory course and no previous knowledge is required. It focuses on developing basic abilities to speak as well as to read and write in modern Tibetan, Lhasa dialect. Students are also introduced to modern Tibetan studies through selected readings and guest lectures.

Spring 2020: TIBT UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1601	001/12460	M T W Th 12:10pm - 1:00pm	Sonam Tsering	5	6/15

352b International
Affairs Bldg

TIBT UN2412 SECOND YEAR CLASSICAL TIBETAN I. 4 points.

n/a

Fall 2019: TIBT UN2412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2412	001/44500	M W 4:10pm - 6:00pm 351a International Affairs Bldg	Pema Bhum	4	4/15

TIBT UN2603 SECOND YR MOD COLLOQ TIBET I. 4 points.

n/a

Fall 2019: TIBT UN2603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2603	001/44381	M W 2:40pm - 3:55pm 352b International Affairs Bldg	Sonam Tsering	4	4/15

TIBT UN2604 SECOND YEAR MODERN TIBETAN II. 4 points.

For those whose knowledge is equivalent to a student who's completed the First Year course. The course focuses on the further development of their skills in using the language to engage with practical topics and situations, such as seeing a doctor, reading news, writing letters, and listening to music.

Spring 2020: TIBT UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2604	001/12462	M W 2:40pm - 3:55pm 352b International Affairs Bldg	Sonam Tsering	4	1/15

TIBT UN3611 Third Year Modern Colloquial Tibetan I. 4 points.

For those whose knowledge is equivalent to a student who's completed the Second Year course. The course develops students' reading comprehension skills through reading selected modern Tibetan literature. Tibetan is used as the medium of instruction and interaction to develop oral fluency and proficiency.

Fall 2019: TIBT UN3611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3611	001/44501	T Th 10:10am - 11:25am 351c International Affairs Bldg	Sonam Tsering	4	3/15

TIBT UN3612 Third Year Modern Colloquial Tibetan II. 4 points.

For those whose knowledge is equivalent to a student who's completed the Second Year course. The course develops students' reading comprehension skills through reading selected modern

Tibetan literature. Tibetan is used as the medium of instruction and interaction to develop oral fluency and proficiency.

Spring 2020: TIBT UN3612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3612	001/12463	T Th 10:10am - 11:25am 351c International Affairs Bldg	Sonam Tsering	4	2/15

VIETNAMESE LANGUAGE COURSES

VIET UN1101 First Year Vietnamese I. 5 points.

This course introduces students to the linguistic and grammatical structures of Vietnamese, a major language of Southeast Asia. Language skills include listening, speaking, reading and writing. Students will also be introduced to some aspects of Vietnamese life and culture.

Fall 2019: VIET UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1101	001/44400	M T W Th 10:10am - 11:15am 425 Pupin Laboratories	Chung Nguyen	5	8/15

VIET UN1102 FIRST YEAR VIETNAMESE II. 5 points.

Fee: Language Resource Center Fee - 15

Prerequisites: () VIET 1101 or equivalent

This course introduces students to the linguistic and grammatical structures of Vietnamese, a major language of South East Asia. Language skills include listening, speaking, reading, and writing. Students will also be introduced to some aspects of Vietnamese life and culture.

Spring 2020: VIET UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1102	001/12464	M T W Th 10:10am - 11:15am Room TBA	Chung Nguyen	5	5/15

VIET UN2101 SECOND YEAR VIETNAMESE W I. 5 points.

Fee: Language Resource Center Fee - 15

Prerequisites: First Year Vietnamese (VIET UN1101 and VIET UN1102) or equivalent, or instructor's permission.

This course is designed for students who have some background in Vietnamese language, and further develops students' familiarity with the linguistic and grammatical structures of Vietnamese.

Students' reading, listening, speaking and writing skills will be emphasized through dialogues, reading passages, authentic materials, listening comprehension exercises, and media clips. Students will also further study life and culture in Vietnam.

Fall 2019: VIET UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIET 2101 001/44428 M W Th 1:10pm - Chung 5 4/15
2:25pm Nguyen
607 Hamilton Hall

VIET UN2102 SECOND YEAR VIETNAMESE W II. 5 points.

Fee: Language Resource Center Fee - 15

Prerequisites: VIET 2101 or equivalent, or instructor's permission required.

This course is designed for students who have some background in Vietnamese language, and further develops students' familiarity with the linguistic and grammatical structures of Vietnamese.

Students' reading, listening, speaking and writing skills will be emphasized through dialogues, reading passages, authentic materials, listening comprehension exercises, and media clips. Students will also further study life and culture in Vietnam.

Spring 2020: VIET UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 2102	001/12466	M W Th 1:10pm - 2:25pm Room TBA	Chung Nguyen	5	2/15

VIET UN3101 Third Year Vietnamese I. 5 points.

Fee: Language Resource Center Fee - 15.00

Prerequisites: VIET UN1101 and VIET UN1102 and VIET UN2101 and VIET UN2102 and This course is designed for students who have already completed First and Second Year Vietnamese (VIET 1101, VIET 1102, VIET 2101, and VIET 2102) or who possess the equivalent background of intermediate Vietnamese. Students with equivalent background should contact instructor for permission to enroll.

This course is designed for students who have completed four semesters of Vietnamese language or have the equivalent background of intermediate Vietnamese language experience. The course is aimed at enhancing students' competence in reading and listening comprehension as well as the ability to present or show their knowledge of the language and various aspects of Vietnamese with the use of more advanced Vietnamese language skills.

Fall 2019: VIET UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 3101	001/10332	M T Th 1:10pm - 2:25pm 624 Kent Hall	Vinh Nguyen	5	1/15

CROSS-LISTED COURSES

RELI UN2308	Buddhism: East Asian
HIST UN2580	THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA
HIST UN2881	Vietnam in the World
ANTH UN3160	Body and Society
EAAS UN3230	Labor, Love, and Leisure in Contemporary China
CPLS GU4111	World Philology

RELI GU4411 Religion, Mind, and Science Fiction
RELI GU4617 Image Theories in Chinese Religions

ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY

Departmental Office: Schermerhorn Extension, 10th floor; 212-854-9987
<http://e3b.columbia.edu/>

Director of Undergraduate Studies: Dr. Matthew Palmer, 1010 Schermerhorn; 212-854-4767; mp2434@columbia.edu

Evolutionary Biology of the Human Species Adviser: Dr. Jill Shapiro, 1011 Schermerhorn Extension; 212-854-5819; jss19@columbia.edu

Director, Administration and Finance: Kyle Bukhari, 1014B Schermerhorn Extension; 212-854-8665; kb2337@columbia.edu (lg2019@columbia.edu)

The Department of Ecology, Evolution & Environmental Biology (E3B) at Columbia University was established in 2001. Although we are a relatively new department, we have grown rapidly in the past decade. We now have an internationally diverse student body and a broad network of supporters at Columbia and throughout New York City. Our affiliated faculty members come from departments at Columbia as well as from the American Museum of Natural History (<http://www.amnh.org/>), the New York Botanical Garden (<http://www.nybg.org/>), the Wildlife Conservation Society (<http://www.wcs.org/>), and the EcoHealth Alliance (<http://www.ecohealthalliance.org/>). Together, we provide an unparalleled breadth and depth of research opportunities for our students.

In creating E3B, Columbia University recognized that the fields of ecology, evolutionary biology, and environmental biology constitute a distinct subdivision of the biological sciences with its own set of intellectual foci, theoretical foundations, scales of analysis, and methodologies.

E3B's mission is to educate a new generation of scientists and practitioners in the theory and methods of ecology, evolution, and environmental biology. Our educational programs emphasize a multi-disciplinary perspective to understand life on Earth from the level of organisms to global processes that sustain humanity and all life.

To achieve this multi-disciplinary perspective, the department maintains close ties to over 70 faculty members beyond its central core. Thus, many faculty members who teach, advise, and train students in research are based in other departments on the Columbia campus or at the partner institutions. Through this collaboration, the department is able to tap into a broad array of scientific and intellectual resources in the greater New York

City area. The academic staff covers the areas of plant and animal systematics; evolutionary and population genetics; ecosystem science; demography and population biology; behavioral and community ecology; and related fields of epidemiology, ethnobiology, public health, and environmental policy. Harnessing the expertise of this diverse faculty and the institutions of which they are a part, E3B covers a vast area of inquiry into the evolutionary, genetic, and ecological relationships among all living things.

FACILITIES AND COLLABORATIVE INSTITUTIONS

The Department of Ecology, Evolution, and Environmental Biology (E3B)

In addition to the off-campus facilities detailed below, the Columbia community offers academic excellence in a range of natural and social science disciplines that are directly related to biodiversity conservation including: evolution, systematics, genetics, behavioral ecology, public health, business, economics, political science, anthropology, and public and international policy. These disciplines are embodied in world-class departments, schools, and facilities at Columbia. The divisions that bring their resources to bear on issues most relevant to E3B's mission are: the Lamont-Doherty Earth Observatory, the School of International and Public Affairs, the Goddard Institute for Space Studies, the International Research Institute for Climate Prediction, the Black Rock Forest Reserve in New York State, the Rosenthal Center for Alternative/Complementary Medicine, the Division of Environmental Health Sciences at the School of Public Health, and the Center for International Earth Science Information Network (CIESIN). Several of these units of the University are networked through the Earth Institute at Columbia, a division of the University that acts as an intramural network of environmental programs and supplies logistical support for constituent programs, through planning, research, seminars, and conferences. All of the above schools, centers, and institutes contribute to finding solutions for the world's environmental challenges.

The Earth Institute Center for Environmental Sustainability (EICES)

The Earth Institute Center for Environmental Sustainability (EICES), formerly known as the Center for Environmental Research and Conservation (CERC), is actively involved in protecting biodiversity and ecosystems. The Earth Institute Center for Environmental Sustainability is dedicated to the development of a rich, robust, and vibrant world within which we can secure a sustainable future. Through a diverse array of strategic partners in science, education, and outreach, the center builds unique programs that promote human well-being through the preservation, restoration, and management of biodiversity, and the services our ecosystems provide.

The Center for Environmental Research and Conservation (CERC), a leading provider of cutting-edge environmental research, education, and training, since its inception in 1994,

has grown into two institutions—an Earth institute center and a Secretariat for a major environmental consortium. The center's new name is the Earth Institute Center for Environmental Sustainability (EICES, pronounced “i-sees”). EICES also continues, however, as the Secretariat for the Consortium for Environmental Research and Conservation, continuing 15 years of collaborations between the Earth Institute, the American Museum of Natural History, the New York Botanical Garden, The Wildlife Conservation Society, and EcoHealth Alliance on biodiversity conservation.

American Museum of Natural History

The American Museum of Natural History is one of the world's preeminent scientific, educational, and cultural institutions. Since its founding in 1869, the Museum has advanced its global mission to discover, interpret, and disseminate information about human cultures, the natural world, and the universe through a wide-reaching program of scientific research, education, and exhibitions. The institution comprises 45 permanent exhibition halls, state-of-the-art research laboratories, one of the largest natural history libraries in the Western Hemisphere, and a permanent collection of 32 million specimens and cultural artifacts. With a scientific staff of more than 200, the Museum supports research divisions in anthropology, paleontology, invertebrate and vertebrate zoology, and the physical sciences. The Museum's scientific staff pursues a broad agenda of advanced scientific research, investigating the origins and evolution of life on Earth, the world's myriad species, the rich variety of human culture, and the complex processes that have formed and continue to shape planet Earth and the universe beyond.

The Museum's Center for Biodiversity and Conservation (CBC) was created in June 1993 to advance the use of scientific data to mitigate threats to biodiversity. CBC programs integrate research, education, and outreach so that people, a key force in the rapid loss of biodiversity, will become participants in its conservation. The CBC works with partners throughout the world to build professional and institutional capacities for biodiversity conservation and heightens public understanding and stewardship of biodiversity. CBC projects are under way in the Bahamas, Bolivia, Madagascar, Mexico, Vietnam, and the Metropolitan New York region.

The Museum's scientific facilities include: two molecular systematics laboratories equipped with modern high-throughput technology; the interdepartmental laboratories, which include a state-of-the-art imaging facility that provides analytical microscopy, energy dispersive spectrometry, science visualization, and image analysis to support the Museum's scientific activities; a powerful parallel-computing facility, including a cluster of the world's fastest computers, positioned to make significant contributions to bioinformatics; and a frozen tissue facility with the capacity to store one million DNA samples.

New York Botanical Garden

The New York Botanical Garden (NYBG), with its 7 million specimen herbarium, the largest in the Western Hemisphere,

and its LuEsther T. Mertz Library, the largest botanical and horticultural reference collection on a single site in the Americas, comprises one of the very best locations in the world to study plant science. NYBG's systematic botanists discover, decipher, and describe the world's plant and fungal diversity; and its economic botanists study the varied links between plants and people. The Enid A. Haupt Conservatory, the largest Victorian glasshouse in the United States, features some 6,000 species in a newly installed "Plants of the World" exhibit. The new International Plant Science Center stores the Garden collection under state-of-the-art environmental conditions and has nine study rooms for visiting scholars. All specimens are available for on-site study or loan.

In recent years, NYBG has endeavored to grow and expand its research efforts, supporting international field projects in some two dozen different countries, ranging from Brazil to Indonesia. In 1994, AMNH and NYBG established the Lewis and Dorothy Cullman Program for Molecular Systematics Studies to promote the use of molecular techniques in phylogenetic studies of plant groups. This program offers many opportunities for research in conservation genetics. NYBG operates both the Institute for Economic Botany (IEB) and the Institute of Systematic Botany (ISB). The ISB builds on the Garden's long tradition of intensive and distinguished research in systematic botany—the study of the kinds and diversity of plants and their relationships—to develop the knowledge and means for responding effectively to the biodiversity crisis.

The Garden has also established a molecular and anatomical laboratory program, which includes light and electron microscopes, and has made enormous advances in digitizing its collection. There is currently a searchable on-line library catalog and specimen database collection with some half million unique records. Field sites around the world provide numerous opportunities for work in important ecosystems of unique biodiversity.

Wildlife Conservation Society

The Wildlife Conservation Society (WCS), founded in 1895 as the New York Zoological Society, works to save wildlife and wild lands throughout the world. In addition to supporting the nation's largest system of zoological facilities—the Bronx Zoo; the New York Aquarium; the Wildlife Centers in Central Park, Prospect Park, and Flushing Meadow Park; and the Wildlife Survival Center on St. Catherine's Island, Georgia—WCS maintains a commitment to field-based conservation science. With 60 staff scientists and more than 100 research fellows, WCS has the largest professional field staff of any U.S.-based international conservation organization. Currently, WCS conducts nearly 300 field projects throughout the Americas, Asia, and Africa. The field program is supported by a staff of conservation scientists based in New York who also conduct their own research.

WCS's field-based programs complement the organization's expertise in veterinary medicine, captive breeding, animal care, genetics, and landscape ecology, most of which are based at the

Bronx Zoo headquarters. WCS's Conservation Genetics program places an emphasis on a rigorous, logical foundation for the scientific paradigms used in conservation biology and is linked to a joint Conservation Genetics program with the American Museum of Natural History. The Wildlife Health Sciences division is responsible for the health care of more than 17,000 wild animals in the five New York parks and wildlife centers. The departments of Clinical Care, Pathology, Nutrition, and Field Veterinary Programs provide the highest quality of care to wildlife.

EcoHealth Alliance

EcoHealth Alliance is an international organization of scientists dedicated to the conservation of biodiversity. For more than 40 years, EcoHealth Alliance has focused its efforts on conservation. Today, they are known for innovative research on the intricate relationships between wildlife, ecosystems, and human health.

EcoHealth Alliance's work spans the U.S. and more than 20 countries in Central and South America, the Caribbean, Africa, and Asia to research ways for people and wildlife to share bioscapes for their mutual survival. Their strength is built on innovations in research, education, and training and accessibility to international conservation partners.

Internationally, EHA programs support conservationists in over a dozen countries at the local level to save endangered species and their habitats, and to protect delicate ecosystems for the benefit of wildlife and humans.

ACADEMIC PROGRAMS

The Department of Ecology, Evolution, and Environmental Biology runs two undergraduate majors/concentrations. The primary major is in environmental biology and the second is evolutionary biology of the human species. The foci and requirements vary substantially and are intended for students with different academic interests.

The environmental biology major emphasizes those areas of biology and other disciplines essential for students who intend to pursue careers in the conservation of Earth's living resources. It is designed to prepare students for graduate study in ecology and evolutionary biology, conservation biology, environmental policy and related areas, or for direct entry into conservation-related or science teaching careers.

Interdisciplinary knowledge is paramount to solving environmental biology issues, and a wide breadth of courses is thus essential, as is exposure to current work. Conservation internships are available through partner institutions and serve as research experience leading to the development of the required senior thesis.

Declaration of the environmental biology major must be approved by the director of undergraduate studies and filed in the departmental office located on the 10th floor of Schermerhorn Extension.

The major in evolutionary biology of the human species provides students with a foundation in the interrelated spheres of behavior, ecology, genetics, evolution, morphology, patterns of growth, adaptation, and forensics. Using the framework of evolution and with attention to the interplay between biology and culture, research in these areas is applied to our own species and to our closest relatives to understand who we are and where we came from. This integrated biological study is also known as biological anthropology. As an interdisciplinary major, students are also encouraged to draw on courses in related fields including biology, anthropology, geology, and psychology as part of their studies.

PROFESSORS

Steve Cohen (International and Public Affairs)
 Marina Cords (also Anthropology)
 Ruth DeFries
 Kevin Griffin (also Earth and Environmental Sciences)
 Paul Hertz (Barnard)
 Ralph Holloway (Anthropology)
 Darcy Kelley (Biological Sciences)
 Don Melnick (also Anthropology and Biological Sciences)
 Brian Morton (Barnard)
 Shahid Naeem
 Paul Olsen (Earth and Environmental Sciences)
 Robert Pollack (Biological Sciences)
 Maria Uriarte
 Paige West

ASSOCIATE PROFESSORS

Hilary Callahan (Barnard)
 Maria Diuk-Wasser
 Duncan Menge
 Dustin Rubenstein
 Duncan Menge

ASSISTANT PROFESSORS

Andres Bendesky
 Deren Eaton

LECTURERS

Sara Kross
 Matthew Palmer
 Jill Shapiro

ADJUNCT FACULTY/RESEARCH SCIENTISTS

Columbia University

Simon Anthony (CUMC)
 Hilary Callahan (Barnard Biology)
 Steven Cohen (SIPA)
 Steven Davis
 Adela Gondek (SIPA)
 Paul Hertz (Barnard)

Ralph Holloway
 Darcy Kelley
 Brian Morton (Barnard)
 Robert Pollack
 Marya Pollack
 Paige West
 Natalie Boelman (Lamont-Doherty)

American Museum of Natural History

George Amato
 Mary Blair
 Frank Burbrink
 Joel Cracraft
 Steven David
 Dave Grimaldi
 Christopher Raxworthy
 Robert Rockwell
 Nancy Simmons
 Brian Smith
 Eleanor Sterling

The New York Botanical Garden

Michael Balick
 Dennis Stevenson

Wildlife Conservation Society

Howard Rosenbaum
 Scott Silver
 Patrick R. Thomas

Ecohealth Alliance

Peter Daszak
 Kevin Olival
 Melinda Rostal

Cary Institute of Ecosystem Studies

Joshua Ginsberg

NYC Audubon

Susan Elbin

Woods Hole

Michael T. Coe

GUIDELINES FOR ALL ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY MAJORS AND CONCENTRATORS

The grade of D is not accepted for any course offered in fulfillment of the requirements toward the majors or concentrations.

MAJOR IN ENVIRONMENTAL BIOLOGY

The major in environmental biology requires 50 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEEB UN2002	Environmental Biology I: Elements to Organisms and Environmental Biology II: Organisms to the Biosphere
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Two terms of environmental science such as the following:

EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System

Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
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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	Introduction to Statistics for Ecology and Evolutionary Biology
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BIOL BC2286	Statistics and Research Design
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STAT UN1101	Introduction to Statistics
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STAT UN1201	Calculus-Based Introduction to Statistics
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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 Senior Seminar. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in environmental biology or related fields are encouraged to take organic chemistry and genetics.

ECOLOGY AND EVOLUTION TRACK WITHIN THE ENVIRONMENTAL BIOLOGY MAJOR

The ecology and evolution track within the environmental biology major requires 50 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEEB UN2002	Environmental Biology I: Elements to Organisms and Environmental Biology II: Organisms to the Biosphere
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Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
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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	Introduction to Statistics for Ecology and Evolutionary Biology
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BIOL BC2286	Statistics and Research Design
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STAT UN1101	Introduction to Statistics
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STAT UN1201	Calculus-Based Introduction to Statistics
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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 and Mendelian Genetics is recommended;
3. One course in morphology, physiology, or diversity.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991-EEEB UN3992 Senior Seminar. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in ecology or evolutionary biology are encouraged to take organic chemistry.

MAJOR IN EVOLUTIONARY BIOLOGY OF THE HUMAN SPECIES

The major in evolutionary biology of the human species requires 36 points, distributed as described below.

Students must take a minimum of 20 points from approved biological anthropology courses. The additional courses may be taken in other departments with adviser approval. These include up to 6 points of 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 and Evolution
EEEB UN1011	Behavioral Biology of the Living Primates

****Alternate options may be possible for all courses other than EEEB UN1010 Human Origins and Evolution and EEEB UN1011 Behavioral Biology of the 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: Introduction to Method & Theory
ANTH UN3064	Death and the Body
ANTH UN3823	Archaeology Engaged: The Past in the Public Eye

Breadth Requirement

Select a minimum of one course from each of the three sections (may overlap seminar requirement for majors):

Genetics/Human Variation

BIOL BC2100	Molecular and Mendelian Genetics
BIOL UN3031	Genetics
BIOL GU4560	Evolution in the age of genomics
ANTH UN3970	Biological Basis of Human Variation
EEEB GU4340	Human Adaptation
EEEB GU4700	Race: The Tangled History of a Biological Concept

Primate Behavioral Biology and Ecology

EEEB UN3940	Current Controversies in Primate Behavior and Ecology
BIOL BC2272	Ecology
BIOL BC2280	Animal Behavior
PSYC UN2420	Animal Behavior
PSYC BC1119	Systems and Behavioral Neuroscience
PSYC UN2450	Behavioral Neuroscience
PSYC BC3372	Comparative Cognition
PSYC UN3450	Evolution of Intelligence and Consciousness (Seminar)
PSYC UN3460	Evolution of Behavior (Seminar)
PSYC UN3470	Brain Evolution: Becoming Human (Seminar)
EEEB GU4010	The Evolutionary Basis of Human Behavior
EEEB GU4134	Behavioral Ecology
EEEB GU4201	Ecology, Behavior, and Conservation of Mammals (can count for either breadth requirement or conservation requirement, but not both)

Human Evolution/Morphology

EEEB UN3208	Explorations in Primate Anatomy
EEEB UN3215	Forensic Osteology
EEEB UN3220	The Evolution of Human Growth and Development
ANTH GU4147	Human Skeletal Biology I
ANTH GU4148	The Human Skeletal Biology II

EEEB UN3204	Dynamics of Human Evolution
EEEB UN3910	The Neandertals
ANTH GU4002	Controversial Topics in Human Evolution
ANTH GU4200	Fossil Evidence of Human Evolution
BIOL BC2278	Evolution
BIOL UN3208	Introduction to Evolutionary Biology
EEEB UN3030	The Biology, Systematics, and Evolutionary History of the 'Apes'
BIOL BC2262	Vertebrate Biology
BIOL UN3006	Physiology
BIOL BC3360	Physiology
EEEB GU4200	Natural History of the Mammals

Seminar

Selection at least one of the following seminars. May also count toward the breadth requirement.

EEEB UN3204	Dynamics of Human Evolution
EEEB UN3910	The Neandertals
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
ANTH UN3970	Biological Basis of Human Variation
EEEB UN3993 - EEB UN3994	EBHS Senior Seminar and EBHS Senior Seminar
EEEB GU4321	Human Nature: DNA, Race & Identity
ANTH GU4002	Controversial Topics in Human Evolution (Fulfills the seminar requirement for the major)

Additional courses in the student's area of focus to complete the required 36 points overall including a minimum of 20 points of approved biological anthropology courses.

Students intending to pursue graduate study in this field should broaden their foundation by taking an introductory biology course (optimally either EEEB UN2001 Environmental Biology I: Elements to Organisms or EEEB UN2002 Environmental Biology II: Organisms to the Biosphere) 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 Introduction to Social and Cultural Theory, ANTH UN2005 Ethnographic Imagination, or ANTH UN3040 Anthropological Theory I. 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 and Evolution
EEEB UN3204	Dynamics of Human Evolution
EEEB UN3208	Explorations in Primate Anatomy
EEEB UN3215	Forensic Osteology
EEEB UN3220	The Evolution of Human Growth and Development
EEEB UN3910	The Neandertals
ANTH GU4147 - ANTH GU4148	Human Skeletal Biology I and The Human Skeletal Biology II
ANTH GU4200	Fossil Evidence of Human Evolution taught intermittently

Primate Behavioral Ecology and Evolution

EEEB UN1011	Behavioral Biology of the Living Primates
EEEB UN3030	The Biology, Systematics, and Evolutionary History of the 'Apes'
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
EEEB GU4010	The Evolutionary Basis of Human Behavior

Human Variation

ANTH UN3970	Biological Basis of Human Variation
EEEB GU4340	Human Adaptation
EEEB GU4700	Race: The Tangled History of a Biological Concept

Additional Courses

EEEB UN3240	Challenges and Strategies of Primate Conservation
EEEB UN3993 - EEB UN3994	EBHS Senior Seminar and EBHS Senior Seminar

CONCENTRATION IN ENVIRONMENTAL BIOLOGY

The concentration in environmental biology differs from the major in omitting calculus and physics from the lower division, requiring three advanced electives rather than five, and omitting the senior seminar with thesis project. It requires 36 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEB UN2002	Environmental Biology I: Elements to Organisms and Environmental Biology II: Organisms to the Biosphere (or equivalents)
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Two terms of environmental science such as the following:

EESC UN2100	Earth's Environmental Systems: The Climate System
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EESC UN2200	Earth's Environmental Systems: The Solid Earth System
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Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
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One term of statistics. Select one of the following:

EEEB UN3005	Introduction to Statistics for Ecology and Evolutionary Biology
BIOL BC2286	Statistics and Research Design
STAT UN1101	Introduction to Statistics
STAT UN1201	Calculus-Based Introduction to Statistics

Upper Division Courses

EEEB UN3087	Conservation Biology
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Two other 3000- or 4000- level courses from the advanced environmental biology courses listed for the major.

CONCENTRATION IN EVOLUTIONARY BIOLOGY OF THE HUMAN SPECIES

The concentration in evolutionary biology of the human species requires 20 points including the required introductory courses EEBB UN1010 Human Origins and Evolution, EEBB UN1011 Behavioral Biology of the 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 Environmental Systems: The Climate System
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EESC UN2200	Earth's Environmental Systems: The Solid Earth System
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EESC UN2300	Earth's Environmental Systems: The Life System (equivalent to EEBB UN2002)
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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
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EESC BC3017	Environmental Data Analysis
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EESC BC3025	Hydrology
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EESC GU4008	Introduction to Atmospheric Science
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EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
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EESC GU4223	Sedimentary Geology
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EESC GU4550	Plant Ecophysiology
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EESC GU4835	Wetlands and Climate Change
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EESC GU4885	The Chemistry of Continental Waters
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EESC GU4917	Earth/Human Interactions
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EESC GU4926	Principles of Chemical Oceanography
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Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

SPECIAL CONCENTRATION IN ENVIRONMENTAL BIOLOGY FOR ENVIRONMENTAL SCIENCE MAJORS

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	Environmental Biology I: Elements to Organisms
EEEB UN2002	Environmental Biology II: Organisms to the Biosphere (equivalent to EESC UN2300)
EESC UN2100	Earth's Environmental Systems: The Climate System
EESC UN2200	Earth's Environmental Systems: The Solid Earth System

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
CHEM UN1604 - CHEM UN2507	Intensive General Chemistry (Lecture) and Intensive General Chemistry Laboratory
One term of statistics such as the following:	
EEEB UN3005	Introduction to Statistics for Ecology and Evolutionary Biology
BIOL BC2286	Statistics and Research Design
STAT UN1101	Introduction to Statistics
STAT UN1201	Calculus-Based Introduction to Statistics
EEEB UN3087	Conservation Biology

Advanced Environmental Biology (9 points)

Three additional advanced environmental biology courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

FALL 2019

EEEB UN1010 Human Origins and Evolution. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab fee: \$25. Taught every fall.

This is an introductory course in human evolution. Building on a foundation of evolutionary theory, students explore primate behavioral morphology and then trace the last 65 million years of primate evolution from the earliest Paleocene forms to the fossil remains of earliest humans and human relatives. Along with Behavioral Biology of the Living Primates this serves as a core required class for the EBHS program.

Fall 2019: EEEB UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1010	001/54945	M W 11:40am - 12:55pm 517 Hamilton Hall	Jill Shapiro	3	74/86

EEEB UN2001 Environmental Biology I: Elements to Organisms. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Introductory biology course for majors in biology or environmental biology, emphasizing the ecological and evolutionary context of modern biology.

Fall 2019: EEEB UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2001	001/54937	M W 1:10pm - 2:25pm 413 Kent Hall	Shahid Naeem, Andres Bendesky	3	46/60

EEEB UN3009 Statistical analyses of complicated data . 3 points.

Prerequisites: (EEEB UN3005) and Equivalent introductory statistics course

Data collection in ecology and evolutionary biology is often messy and can result in missing observations, outliers, autocorrelation, zero-inflation, and confounding variables. These complicated datasets often violate statistical assumptions and make the reality of data analysis more complicated than taught in introductory statistics courses. This course will briefly review basics of statistical analyses but will focus on the application of these concepts in the context of complicated datasets. Application of course principles will be taught using R, a free statistical language and software.

Fall 2019: EEEB UN3009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3009	001/17245	M W 8:40am - 9:55am 1015 Ext Schermerhorn Hall	Andrew Quebbeman	3	4/10

EEEB UN3023 Scientific Analysis and Presentation. 2 points.

This course is part of the sTEAM Fellows Program and only open to students who were admitted into the program during the previous summer. It is designed to introduce students to think about ways to analyze and present data, both orally and visually, and to consider next steps in the scientific process. Students will continue to work in teams, but also individually on class assignments.

Fall 2019: EEEB UN3023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3023	001/54989	T 10:10am - 12:00pm 1012 Schermerhorn Hall	Darcy Kelley, Dustin Rubenstein	2	5/6

EEEB UN3240 Challenges and Strategies of Primate Conservation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 20. Priority given to EBHS students.

Prerequisites: EEEB UN1010 or EEEB UN1011 or the instructor's permission.

Throughout their range, numerous primate species are on the brink of extinction. This course examines the central issues relating to conservation of wild primates and explores strategies and solutions for preserving these endangered populations. Through the analysis of the ecological and social traits linked to vulnerability and the direct and indirect threats from human activities, students will gain a practical understanding of how to develop successful, sustainable, and practical conservation strategies.

Fall 2019: EEEB UN3240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3240	001/54988	M W 10:10am - 11:25am 417 Schermerhorn Hall	Alba Lucia Morales Jimenez	3	11/30

EEEE UN3919 Trading Nature: A Conservation Biology Perspective. 4 points.

This course explores the scientific and theoretical conceptualization of nature as a market commodity, through the lens of conservation biology. Students will engage in critical analysis of the 'traditional' forms in which biodiversity has been appropriated as inputs into markets such as fisheries, resource extraction, bushmeat and medicine, as well as new market environmentalism.

Fall 2019: EEEB UN3919

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3919	001/54986	Th 10:10am - 12:00pm 308a Lewisohn Hall	Mary Blair	4	6/12

EEEE UN3940 Current Controversies in Primate Behavior and Ecology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement
Taught every two years. Enrollment limited to 15.

Prerequisites: EEEB UN1011 or the equivalent.
Critical in-depth evaluation of selected issues in primate socioecology, including adaptationism, sociality, sexual competition, communication, kinship, dominance, cognition, and politics. Emphasizes readings from original literature.

Fall 2019: EEEB UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3940	001/54985	T 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Marina Cords	4	9/15

EEEE UN3991 Senior Seminar. 3 points.

Open only to seniors.

Guided, independent, indepth research experience culminating in the senior essay. Weekly meetings are held to review work in progress, to share results through oral and written reports, and to consider career options for further work in this field.

Fall 2019: EEEB UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3991	001/54949	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey	3	2/25

EEEE UN3992 Senior Seminar. 3 points.

Open only to seniors.

Guided, independent, indepth research experience culminating in the senior essay. Weekly meetings are held to review work in progress, to share results through oral and written reports, and to consider career options for further work in this field.

Fall 2019: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3992	001/54962	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey	3	6/39

Spring 2020: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3992	001/15740	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Suzanne Macey	3	5/18

EEEE UN3993 EBHS Senior Seminar. 4 points.

Four points for the year-long course.

Prerequisites: the instructor's permission and senior standing as a major in The Evolutionary Biology of the Human Species (EBHS).

Year-long seminar in which senior EBHS majors develop a research project and write a senior thesis. Regular meetings are held to discuss research and writing strategies, review work in progress, and share results through oral and written reports.

Fall 2019: EEEB UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3993	001/54938	Th 6:10pm - 8:00pm C01 80 Claremont	Jill Shapiro	4	2/8

EEEE UN3997 Independent Study. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Students conduct research in environmental biology under supervision of a faculty mentor. The topic and scope of the research project must be approved before the student registers for the course.

Fall 2019: EEEB UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3997	001/54950		Matthew Palmer	1-3	0/10
EEEE 3997	002/54951		Jill Shapiro	1-3	4/10

EEEB GU4111 Ecosystem Ecology and Global Change. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course will provide an introduction to ecosystem ecology. Topics include primary production carbon storage, nutrient cycling, and ecosystem feedbacks to climate change. By the end of the course, students will be well versed in the basics of ecosystem ecology and have exposure to some current areas of research. Topics covered will include some aspects that are well established and others that are hotly debated among scientists. Throughout the course, students will be encouraged to think independently and act like research scientists.

Fall 2019: EEEB GU4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4111	001/54987	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Duncan Menge	3	16/25

EEEB GU4129 Zoo Conservation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course examines the role and function of the modern zoo in the context of the modern conservation movement. Students will learn about the evolution of the zoological park from an entertainment venue to a reservoir of rare or otherwise endangered species of animals, and as a catalyst for conservation of these species.

Fall 2019: EEEB GU4129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4129	001/54982	Th 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Scott Silver	3	12/14

EEEB GU4240 Animal Migration in Theory and Practice. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 25. Field trips will be scheduled.

This course presents an overview of migration, from the selective pressures animals face in migrating to the mechanisms of navigation and orientation. We will explore migration in a variety of animal taxa. Bird migration will be studied in-depth, as birds exhibit some of the most spectacular long distance migrations and are the most well-studied of animal migrators. The challenges of global climate change and changing land use patterns, and how species are coping with them, will also be explored.

Fall 2019: EEEB GU4240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4240	001/54984	W 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Susan Elbin	3	10/15

EEEB GU4321 Human Nature: DNA, Race & Identity. 4 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law.

Fall 2019: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/54953	W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack, Marya Pollack	4	16/20

Spring 2020: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/15751	W 2:10pm - 4:00pm Room TBA	Robert Pollack, Marya Pollack	4	18/20

EEEB GU4910 Field Botany and Plant Systematics. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Course fee: \$50. Enrollment limited to 14. Priority given to E3B graduate students.

Prerequisites: introductory biology sequence, including organismal biology.

A survey of vascular plants with emphasis on features of greatest utility in identifying plants in the field to the family level. This will be coupled with a survey of the major plant communities of northeastern North America and the characteristic species found in each. The course will consist of one lecture and one laboratory per week with several lab sessions extended to accommodate field trips to local and regional natural areas.

Fall 2019: EEEB GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4910	001/54983	W 2:10pm - 4:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer	4	18/17
EEEB 4910	001/54983	F 9:00am - 1:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer	4	18/17

EEEB GR6905 Graduate Seminar In Conservation Biology. 3 points.

Prerequisites: biology, ecology, genetics, and evolution.

Introduction to the applied science of maintaining the earth's biological diversity, its landscapes, and wilderness. Focus on the biological principles relevant to the conservation of biodiversity at the genetic, population, and community and landscape levels.

SPRING 2020**EEEB UN1005 First Year Seminar in Ecology, Evolution and Environmental Biology. 1 point.**

This course provides a brief introduction to ecology, evolution and environmental biology with an emphasis on key concepts, current research, and opportunities for undergraduates. The course

is taught jointly by the faculty in the department of Ecology, Evolution and Environmental Biology (E3B), with each session covering a different aspect of research and/or teaching in the department. Students are expected to complete weekly readings and participate in discussion both in class and online.

Spring 2020: EEEB UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 1005	001/14765	T 2:40pm - 3:55pm 1015 Ext Schermerhorn Hall	Jill Shapiro, 1 Matthew Palmer		30/30

EEEE UN1011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Corequisite EEEB UN1111

Study of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focuses on the four main problems primates face: finding appropriate food, avoiding being eaten themselves, reproducing in the face of competition, and dealing with social partners. Along with **Human Origins & Evolution**, this serves as a core required class for the EBHS program.

Spring 2020: EEEB UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 1011	001/14766	M W 1:10pm - 2:25pm Room TBA	Marina Cords	3	33/50

EEEE UN2002 Environmental Biology II: Organisms to the Biosphere. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB UN2001

Second semester of introductory biology sequence for majors in environmental biology and environmental science, emphasizing the ecological and evolutionary aspects of biology. Also intended for those interested in an introduction to the principles of ecology and evolutionary biology.

Spring 2020: EEEB UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 2002	001/15025	M W 11:40am - 12:55pm Room TBA	Matthew Palmer, Kevin Griffin	4	31/40

EEEE UN3005 Introduction to Statistics for Ecology and Evolutionary Biology. 3 points.

Prerequisites: some background in ecology, evolutionary biology, and/or statistics is recommended.

An introduction to the theoretical principles and practical application of statistical methods in ecology and evolutionary biology. The course will cover the conceptual basis for a range of statistical techniques through a series of lectures using examples from the primary literature. The application of these techniques

will be taught through the use of statistical software in computer-based laboratory sessions.

Spring 2020: EEEB UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3005	001/15026	M 6:10pm - 7:25pm Room TBA	Evan Eskew	3	30/30

EEEE UN3011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory biology course in organismal biology and the instructor's permission. Corequisite EEEB UN3111 Survey of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focus on the four main problems primates face: finding appropriate food, avoid being eaten themselves, reproducing in the face of competition, and dealing with social partners.

Spring 2020: EEEB UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3011	001/15029	M W 1:10pm - 2:25pm Room TBA	Marina Cords	3	0/10

EEEE UN3087 Conservation Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory organismal biology course, ideally EEEB UN2002.

Applications of biological principles to the conservation of biodiversity. Because conservation biology is a cross-disciplinary field, some of the social, philosophical, and economic dimensions of biological conservation are also addressed.

Spring 2020: EEEB UN3087

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3087	001/15045	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Alexandria Moore	3	11/25

EEEE UN3204 Dynamics of Human Evolution. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 13. Priority is given to EBHS majors/concentrators.

Prerequisites: EEEB UN1010 Human Species/HO&E, ANTH UN1007 Origins of Human Society, or the equivalent.

Seminar focusing on recent advances in the study of human evolution. Topics include changing views of human evolution with respect to early hominin behavior, morphology, culture and evolution. [Either Dynamics of Human Evolution or Neandertals is taught every other year.]

Spring 2020: EEEB UN3204

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEE 3204 001/15084 M 12:10pm - Jill Shapiro 4 11/13
2:00pm
Room TBA

EEEE UN3215 Forensic Osteology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Taught every other year. Enrollment limited to 15. Priority given at first class session to EBHS majors/concentrators.

Prerequisites: no prior experience with skeletal anatomy required. Not appropriate for students who have already taken either EEEB GU4147 or EEEB GU4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone.

Spring 2020: EEEB UN3215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3215	001/15739	M W 4:10pm - 6:00pm Room TBA	Jill Shapiro	3	17/16

EEEE UN3992 Senior Seminar. 3 points.

Open only to seniors.

Guided, independent, indepth research experience culminating in the senior essay. Weekly meetings are held to review work in progress, to share results through oral and written reports, and to consider career options for further work in this field.

Fall 2019: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3992	001/54962	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey	3	6/39

Spring 2020: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3992	001/15740	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Suzanne Macey	3	5/18

EEEE UN3994 EBHS Senior Seminar. 4 points.

Four points for the year-long course.

Prerequisites: the instructor's permission and senior standing as a major in The Evolutionary Biology of the Human Species (EBHS).

Year-long seminar in which senior EBHS majors develop a research project and write a senior thesis. Regular meetings are held to discuss research and writing strategies, review work in progress, and share results through oral and written reports.

Spring 2020: EEEB UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3994	001/15741	Th 6:10pm - 8:00pm Room TBA	Jill Shapiro	4	2/8

EEEE UN3998 Independent Study. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Students conduct research in environmental biology under supervision of a faculty mentor. The topic and scope of the research project must be approved before the student registers for the course.

Spring 2020: EEEB UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3998	001/19906		Matthew Palmer	1-3	0/10
EEEE 3998	002/19907		Jill Shapiro	1-3	1/10

EEEE GU4005 Conservation Policy. 3 points.

Prerequisites: Students should have completed at least one course in ecology, evolution or conservation biology.

The purpose of this course is to arm emerging scientists with an understanding of conservation policy at the city, state, federal and international levels. Our focus will be on understanding the science that informs conservation policy, evaluating the efficacy of conservation policies for achieving conservation goals, and learning about the role that scientists play in forming policy.

Spring 2020: EEEB GU4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4005	001/15742	T Th 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Sara Kross	3	15/15

EEEE GU4055 Principles and Applications of Modern DNA Sequencing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: An introductory biology course or instructor permission

Genome sequencing, the technology used to translate DNA into data, is now a fundamental tool in biological and biomedical research, and is expected to revolutionize many related fields and industries in coming years as the technology becomes faster, smaller, and less expensive. Learning to use and interpret genomic information, however, remains challenging for many students, as it requires synthesizing knowledge from a range of disciplines, including genetics, molecular biology, and bioinformatics. Although genomics is of broad interest to many fields, such as ecology, evolutionary biology, genetics, medicine, and computer science, students in these areas often lack sufficient background training to take a genomics course. This course bridges this gap, by teaching skills in modern genomic technologies that will allow students to innovate and effectively apply these tools in novel applications across disciplines. To achieve this, we implement an active learning approach to emphasize genomics as a data science, and use this organizing principle to structure the course around computational exercises, lab-based activities using state-of-the-art sequencing instruments, case studies, and field work. Together, this approach will introduce students to the principles of genomics by allowing them to generate, analyze, and interpret data hands-on

while using the most cutting-edge genomic technologies of today in a stimulating and engaging learning experience.

Spring 2020: EEEB GU4055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4055	001/15743	M W 1:10pm - 2:25pm Room TBA	Deren Eaton, Andres Bendesky	3	17/25

EEEEB GU4086 Ethnobotany: the Study of People and Plants. 3 points.

Priority given to students with backgrounds in ecology or plant systematics.

A survey of the relationships between people and plants in a variety of cultural settings. Sustainability of resource use, human nutrition, intellectual property rights, and field methodologies are investigated.

EEEEB GU4127 Disease Ecology. 3 points.

Enrollment limited to 25.

Prerequisites: the instructor's permission.

Introduction to the ecology and epidemiology of infectious diseases of humans and wildlife.

Spring 2020: EEEB GU4127

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4127	001/15748	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Maria Diuk-Wasser	3	5/20

EEEEB GU4200 Natural History of the Mammals. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Introductory course in Biology or Evolution.

This taxon-based course provides students with a basic understanding of the diversity and natural history of the mammals. Broad coverage of mammalian biology includes: morphological adaptations, evolutionary history, and biogeography.

Spring 2020: EEEB GU4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4200	001/15750	Th 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Scott Silver	3	11/15

EEEEB GU4321 Human Nature: DNA, Race & Identity. 4 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law.

Fall 2019: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEE 4321	001/54953	W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack, Marya Pollack	4	16/20
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Spring 2020: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4321	001/15751	W 2:10pm - 4:00pm Room TBA	Robert Pollack, Marya Pollack	4	18/20

EEEEB GU4340 Human Adaptation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *EEEEB W1010* Human Species or *ANTH V1007*

Origins of Human Society or the instructor's permission.

This course explores human adaptation from a biological, ecological and evolutionary perspective. From our earliest hominin ancestors in Africa to our own species' subsequent dispersal throughout the world, our lineage has encountered innumerable environmental pressures. Using morphological, physiological and behavioral/cultural evidence, we will examine the responses to these pressures that helped shape our unique lineage and allowed it to adapt to a diverse array of environments.

Spring 2020: EEEB GU4340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4340	001/15753	T Th 11:40am - 12:55pm Room TBA	Jessica Manser	3	15/15

EEEEB GR5005 Introduction to Statistics for Ecology and Environmental Biology. 3 points.

Lab Required

Prerequisites: some background in ecology, evolutionary biology, and/or statistics is recommended.

An introduction to the theoretical principles and practical application of statistical methods in ecology and evolutionary biology. The course will cover the conceptual basis for a range of statistical techniques through a series of lectures using examples from the primary literature. The application of these techniques will be taught through the use of statistical software in computer-based laboratory sessions.

Spring 2020: EEEB GR5005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 5005	001/15759	M 6:10pm - 7:25pm Room TBA	Evan Eskew	3	11/15

EEEEB GR5851 MA Thesis Development Seminar. 3 points.

Mandatory for all 1st year E3B M.A. students in thesis based program.

Prerequisites: *EEEEB G4850*.

Incoming M.A. students aiming for the thesis-based program are guided through the process of defining a research question, finding an advisor, and preparing a research proposal. By the end of the semester the students will have a written research proposal

to submit to potential advisors for revision. Subject to a positive review of the research proposal, students are allowed to continue with the thesis-based program and will start working with their advisor. The course will also provide an opportunity to develop basic skills that will facilitate the remainder of the student's stay at E3B and will help in their future careers.

Spring 2020: EEEB GR5851

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5851	001/15793	T 10:10am - 12:00pm 1015 Ext Schermerhorn Hall	Sara Kross	3	10/15

EEEB GR6300 Research Methods Seminar. 1 point.

Prerequisites: degree in biological sciences.

Lectures by visiting scientists, faculty, and students; specific biological research projects; with emphasis on evolution, ecology, and conservation biology.

Fall 2019: EEEB GR6300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 6300	001/54944	T Th 4:00pm - 5:00pm 1015 Ext Schermerhorn Hall		1	26/40

Spring 2020: EEEB GR6300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 6300	001/15795	T Th 4:00pm - 5:00pm 1015 Ext Schermerhorn Hall	Andres Bendesky	1	18/35

COURSES TYPICALLY OFFERED, BUT NOT IN ACADEMIC YEAR 2019-2020

EEEB UN1001 Biodiversity. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

In this course we will use genetics, evolutionary biology, and ecology to address three simple questions: What is biological diversity? Where can we find it? How can we conserve it? No previous knowledge of science or mathematics is assumed.

EEEB UN1005 First Year Seminar in Ecology, Evolution and Environmental Biology. 1 point.

This course provides a brief introduction to ecology, evolution and environmental biology with an emphasis on key concepts, current research, and opportunities for undergraduates. The course is taught jointly by the faculty in the department of Ecology, Evolution and Environmental Biology (E3B), with each session covering a different aspect of research and/or teaching in the department. Students are expected to complete weekly readings and participate in discussion both in class and online.

Spring 2020: EEEB UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEB 1005	001/14765	T 2:40pm - 3:55pm 1015 Ext Schermerhorn Hall	Jill Shapiro, 1 Matthew Palmer	30/30
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EEEB UN1011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Corequisite EEEB UN1111

Study of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focuses on the four main problems primates face: finding appropriate food, avoiding being eaten themselves, reproducing in the face of competition, and dealing with social partners. Along with **Human Origins & Evolution**, this serves as a core required class for the EBHS program.

Spring 2020: EEEB UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1011	001/14766	M W 1:10pm - 2:25pm Room TBA	Marina Cords	3	33/50

EEEB UN2002 Environmental Biology II: Organisms to the Biosphere. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB UN2001

Second semester of introductory biology sequence for majors in environmental biology and environmental science, emphasizing the ecological and evolutionary aspects of biology. Also intended for those interested in an introduction to the principles of ecology and evolutionary biology.

Spring 2020: EEEB UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2002	001/15025	M W 11:40am - 12:55pm Room TBA	Matthew Palmer, Kevin Griffin	4	31/40

EEEB UN3001 The Saga of Life. 4 points.

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 multidisciplinary perspective to understand life on Earth from the level of organisms to global processes that sustain humanity and all life.

EEEB UN3011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory biology course in organismal biology and the instructor's permission. Corequisite EEEB UN3111
Survey of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focus on the four main problems primates face: finding

appropriate food, avoid being eaten themselves, reproducing in the face of competition, and dealing with social partners.

Spring 2020: EEEB UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3011	001/15029	M W 1:10pm - 2:25pm Room TBA	Marina Cords	3	0/10

EEEE UN3087 Conservation Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory organismal biology course, ideally EEEB UN2002.

Applications of biological principles to the conservation of biodiversity. Because conservation biology is a cross-disciplinary field, some of the social, philosophical, and economic dimensions of biological conservation are also addressed.

Spring 2020: EEEB UN3087

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3087	001/15045	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Alexandria Moore	3	11/25

EEEE UN3204 Dynamics of Human Evolution. 4 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 13. Priority is given to EBHS majors/concentrators.

Prerequisites: EEEB UN1010 Human Species/HO&E, ANTH UN1007 Origins of Human Society, or the equivalent.
Seminar focusing on recent advances in the study of human evolution. Topics include changing views of human evolution with respect to early hominin behavior, morphology, culture and evolution. [Either Dynamics of Human Evolution or Neandertals is taught every other year.]

Spring 2020: EEEB UN3204

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3204	001/15084	M 12:10pm - 2:00pm Room TBA	Jill Shapiro	4	11/13

EEEE UN3208 Explorations in Primate Anatomy. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Taught every other year. Enrollment limited to 14. **Not offered during 2019-20 academic year.**

Prerequisites: EEEB UN1010 or EEEB UN1011 or the instructor's permission.
Introductory laboratory course in primate skeletal anatomy. From tarsiers to talapoin, guenons to gibbons, through hands-on expertise students explore the amazing range and diversity of the living members of this order.

EEEE UN3215 Forensic Osteology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Taught every other year. Enrollment limited to 15. Priority given at first class session to EBHS majors/concentrators.

Prerequisites: no prior experience with skeletal anatomy required. Not appropriate for students who have already taken either EEEB GU4147 or EEEB GU4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone.

Spring 2020: EEEB UN3215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3215	001/15739	M W 4:10pm - 6:00pm Room TBA	Jill Shapiro	3	17/16

EEEE UN3220 The Evolution of Human Growth and Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Taught intermittently. **Not offered during 2019-20 academic year.**

Prerequisites: EEEB UN1010 or ANTH UN1007 or the instructor's permission.

This course explores central issues in human growth and development from birth through senescence. Emphasis will be placed on the factors responsible for the variability in current human growth patterns as well as the evolutionary divergence of a uniquely human pattern from our closest living and fossil relatives.

EEEE UN3240 Challenges and Strategies of Primate Conservation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 20. Priority given to EBHS students.

Prerequisites: EEEB UN1010 or EEEB UN1011 or the instructor's permission.

Throughout their range, numerous primate species are on the brink of extinction. This course examines the central issues relating to conservation of wild primates and explores strategies and solutions for preserving these endangered populations. Through the analysis of the ecological and social traits linked to vulnerability and the direct and indirect threats from human activities, students will gain a practical understanding of how to develop successful, sustainable, and practical conservation strategies.

Fall 2019: EEEB UN3240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3240	001/54988	M W 10:10am - 11:25am 417 Schermerhorn Hall	Alba Lucia Morales Jimenez	3	11/30

EEEE UN3030 The Biology, Systematics, and Evolutionary History of the 'Apes'. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Usually taught every other year. Enrollment limited to 25. **Not offered during 2019-20 academic year.**

Prerequisites: open to undergraduates who have had EEEB UN1010, EEEB UN1011, or the equivalent. Other students who are interested should speak with the instructor.

This course focuses on our closest relatives, the extant apes of Africa and Asia. We will explore the nature and extent of the morphological, genetic, and behavioral variability within and among these forms. Using this framework, we will then analyze questions of systematics and trace the evolutionary development of the hominoids during the Miocene, the epoch that saw the last common ancestor of today's gibbons, orang utans, gorillas, chimpanzees and humans. Timing note: The course meets for 2 hours twice a week. Films are screened during the last 30 minute of each class and students must be able to stay for the entire time if they want to take the class.

EEEB UN3910 The Neandertals. 4 points.

CC/GS: Partial Fulfillment of Science Requirement
Offered every other year/rotating with Dynamics of Human Evolution. Enrollment limited to 13. Priority given at first class session to EBHS majors/concentrators. **Not offered during 2019-20 academic year.**

Prerequisites: EEEB UN1010 Human Species or ANTH UN1007.

One hundred and fifty years after discovery Neandertals remain one of the most enigmatic hominin taxa. What do we understand today about their biology, subsistence, culture, cognitive abilities and eventual fate? Are they simply extinct relatives or do their genes continue in many of us today? In this seminar students critically examine the primary research as we attempt to find answers to some of these questions.

EEEB UN3919 Trading Nature: A Conservation Biology Perspective. 4 points.

This course explores the scientific and theoretical conceptualization of nature as a market commodity, through the lens of conservation biology. Students will engage in critical analysis of the 'traditional' forms in which biodiversity has been appropriated as inputs into markets such as fisheries, resource extraction, bushmeat and medicine, as well as new market environmentalism.

Fall 2019: EEEB UN3919

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3919	001/54986	Th 10:10am - 12:00pm 308a Lewisohn Hall	Mary Blair	4	6/12

EEEB OC3920 Biology of African Animals and Ecosystems. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points. **Not offered during 2019-20 academic year.**

Prerequisites: EEEB W2001 and EEEB W2002 Environmental Biology I and II, or the instructor's permission.

This course offers a small group of students the unique opportunity to study the ecology, evolution, and behavior of African animals and ecosystems in one of the world's most biologically spectacular settings, the wildlife-rich savannas of Kenya. In addition to gaining sophisticated training in fieldwork, hypothesis-driven biological research, statistics, and scientific writing and presentation, the course gives participants many opportunities to observe and study a diversity of plants, animals and their interactions. Lectures include core topics in ecology and evolution with emphasis on the African animals and ecosystems that students will see in Kenya. **This course is part of a semester abroad program in Tropical Biology and Sustainability based in Kenya and cannot be taken separately on campus.**

EEEB OC3921 Agriculture and the Environment. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points.

Prerequisites: EEEB W2001 and EEEB W2002 Environmental Biology I and II, or the instructor's permission.

Students will compare productivity, diversity, and ecological processes in the diverse farming systems of Kenya which include highland and lowland, large and small-scale systems, monoculture cereal crops, mixed farming with crops and livestock, pastoral systems, diverse tree crop systems from plantations to multispecies agroforests, and intensive horticulture. Students spend their time in Kenya learning state of the art techniques for characterizing soils, agricultural landscapes, and ecosystem services. They will use these methods across the range of farming systems to develop projects comparing various aspects of these systems, and explore sustainability issues from the ecological, agricultural, and livelihood disciplines. **This course is part of a semester abroad program in Tropical Biology and Sustainability based in Kenya and cannot be taken separately on campus.**

EEEB OC3922 Water, Energy and Ecosystems. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points. **Not offered during 2019-20 academic year.**

Prerequisites: EEEB W2001 and EEEB W2002 Environmental Biology I and II, or the instructor's permission.

The course will provide an introduction to the principles of hydrological sciences and their application to ecological sciences, with a focus on instrumentation methods for characterizing surface, subsurface, and biological hydrological dynamics in field settings. Lectures and field activities will address the theories of operation, design, and implementation of methods used to quantify hydrological patterns and processes with particular emphasis on characterizing the biological signature and ecological impact of landscape hydrological dynamics. Emphasis will be placed on applications of hydrological science to issues of sustainable landscape use, water resource conservation, and prevention/reversal of land degradation in dryland ecosystems. **This course is part of a semester abroad program in Tropical Biology and Sustainability based in Kenya and cannot be taken separately on campus.**

EEEB OC3923 Savanna Ecology and Conservation. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points.

Prerequisites: *EEEB W2001* and *EEEB W2002* Environmental Biology I and II, or the instructor's permission.

Only six percent of Africa's land is protected, and these areas are rarely large enough to sustain wildlife populations. Mostly, wildlife must share land with people who also face survival challenges. This course will explore how wildlife and people interact in Kenya, where new approaches to conservation are being developed and implemented. Lectures will cover the ecology of tropical grasslands and first principles underlying conservation and management of these landscapes. Field trips and projects will examine the dynamics between human actions and biodiversity conservation. **This course is part of the study abroad program in Kenya on Tropical Biology and Sustainability and cannot be taken separately on campus.**

EEEB OC3924 Natural History of African Mammals. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points.

Prerequisites: *EEEB W2001* and *EEEB W2002* Environmental Biology I and II, or the instructor's permission.

Introduction to concepts, methods, and material of comparative natural history, with African mammals as focal organisms.

Perspectives include morphology, identification, evolution, ecology, behavior and conservation. Observations and experiments on a variety of species in different habitats and at a range of scales will provide insights into the adaptive value and underlying mechanistic function of mammalian adaptations. This course is based in Laikipia, but may travel to other sites across Kenya, which might include other conservancies and pastoral group ranches. **This course is part of a semester abroad program in Tropical Biology and Sustainability based in Kenya and cannot be taken separately on campus.**

EEEB OC3925 Sustainable Development in Practice. 4 points.

Course consists of 6 separate modules, offered in rotation of four, each worth 4 points.

Prerequisites: *EEEB W2001* and *EEEB W2002* Environmental Biology I and II, or the instructor's permission.

Students will study the theory and practical application of sustainable development, touching on urban and rural issues in Kenya and other diverse agro-ecological zones in East Africa.

They will begin at the Columbia Global Centers/Africa in Nairobi by learning about the administrative and socio-political structures that govern Kenya and East Africa followed by an immersion in the history of the United Nation's Millennium Development Goals (MDGs). Students will then spend time studying agriculture, education, infrastructure, water, and health issues in other urban and rural areas in Kenya and East Africa to understand the need for an integrated approach to sustainable development. Discussions with communities, field work, practical problem solving, GIS tools, e-tools, modeling, and understanding of the local constraints will form the foundation for this course.

This course is part of a semester abroad program in Tropical Biology and Sustainability based in Kenya and cannot be taken separately on campus.

EEEB OC3928 Terrestrial Paleoecology. 4 points.

Prerequisites: (EEEB UN2001) and EEBB UN2002) or permission from instructor

Terrestrial paleoecology is the study of vegetation and animals in ancient ecosystems. The paleoecology of eastern Africa is significant because it can shed light on the potential role that climate played in human evolution. This course aims to teach students the principles of paleoecology primarily through fieldwork, lab work, and research projects. In the first half of the course, students will be introduced to basic methods in the modern Mpala ecosystem. In the second, they will explore the rich record of human evolution in the Turkana Basin. Students will study bones, teeth, plants, or soils to reconstruct modern and ancient ecosystems.

EEEB UN3940 Current Controversies in Primate Behavior and Ecology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Taught every two years. Enrollment limited to 15.

Prerequisites: EEBB UN1011 or the equivalent.

Critical in-depth evaluation of selected issues in primate socioecology, including adaptationism, sociality, sexual competition, communication, kinship, dominance, cognition, and politics. Emphasizes readings from original literature.

Fall 2019: EEBB UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3940	001/54985	T 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Marina Cords	4	9/15

EEEB UN3994 EBHS Senior Seminar. 4 points.

Four points for the year-long course.

Prerequisites: the instructor's permission and senior standing as a major in The Evolutionary Biology of the Human Species (EBHS).

Year-long seminar in which senior EBHS majors develop a research project and write a senior thesis. Regular meetings are held to discuss research and writing strategies, review work in progress, and share results through oral and written reports.

Spring 2020: EEBB UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3994	001/15741	Th 6:10pm - 8:00pm Room TBA	Jill Shapiro	4	2/8

EEEB UN3998 Independent Study. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Students conduct research in environmental biology under supervision of a faculty mentor. The topic and scope of the

research project must be approved before the student registers for the course.

Spring 2020: EEEB UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3998	001/19906		Matthew Palmer	1-3	0/10
EEEB 3998	002/19907		Jill Shapiro	1-3	1/10

EEEB GU4001 Society and Nature in the Amazon. 4 points.

The Amazon Basin is one of the largest equatorial forests on earth.

Far from being an untouched bioma the Amazon has a rich and instigating sociobiodiversity that can be apprehended in its uniqueness since pre-colombian times. History, culture, politics correlated with hydrology, climate and ecology are elements for the understanding of contemporary dynamics in the Amazon.

The course aims towards an interdisciplinary approach of the Amazon as a unique ecosystem in Latin America which reflects a myriad of questions crucial for the understanding not only of South America but of nature and society in modern times.

EEEB GU4010 The Evolutionary Basis of Human Behavior. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Offered intermittently.

Prerequisites: introductory course in evolutionary biology, e.g., EEEB UN1010, EEEB UN1011 or EEEB UN2001, or the instructor's permission.

This course addresses the role of evolution in contemporary human social behavior, including such topics as kin selection, sexual selection, parenting, altruism, and conflict. Populations explored will include both industrialized and traditional societies, with an emphasis on the interaction between evolutionarily-influenced behavior and the local ecological context.

EEEB GU4110 Coastal and Estuarine Ecology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Environmental Biology I or the equivalent.
Environments close to shore are hugely ecologically important, not least in terms of their contributions to biodiversity, primary and secondary productivity. Coastal and Estuarine Ecology introduces students to a range of nearshore habitats and biota, the processes that operate in these environments, and potential threats through, for example, habitat destruction and alteration, overfishing, and climate change. Field research makes up a large component of the course and its assessment, with students given the opportunity to build proficiency in field observation and enquiry through either several short field trips or a week-long trip to a dedicated marine station. The specific structure of the trip(s) will be determined during the fall, with more details and regular updates listed on the Courseworks site. Please note: occasional field trips on Fridays and Saturdays are required for this course.

EEEB GU4115 Historical Ecology. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: EEEB W2001 and EEEB W2002 or the equivalent.

This will be an interdisciplinary course that seeks to understand how modern ecosystems have been altered over the recent past. Drawing on tools from history, archaeology, anthropology, paleontology, oceanography and ecology this class will focus on equipping students with the skills to adequately assess the factors which have influenced the present distribution and assembly of biodiversity in a particular area. We will apply these skills to understanding the historical ecology of the New York City region and beyond.

EEEB GU4126 Introduction to Conservation Genetics. 3 points.

Not offered during 2019-20 academic year.

In this course, we will use evolutionary genetic principles and population genetic models to describe the extent and distribution of genetic variation in populations and species, and determine ways to conserve it. A basic knowledge of genetics and mathematics is assumed.

EEEB GU4150 Theoretical Ecology. 3 points.

Prerequisites: Calculus, Introductory Biology.

This course will provide an introduction to theoretical ecology. Topics will include population, community, ecosystem, disease, and evolutionary ecology. Lectures will cover classic and current concepts and mathematical approaches. The numerical analysis laboratory will cover computational tools for numerical and graphical analysis of the models we cover in lecture, using MATLAB. By the end of the course, students will be well versed in the basics of theoretical ecology and will be able to read theoretical ecology literature, analyze and simulate mathematical models, and construct and analyze their own simple models.

EEEB GU4210 Herpetology. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: at least one course in Introductory Biology.

The course explores the science of herpetology in three parts: 1) the evolution and ecology of amphibians and reptiles; 2) their physiological adaptations; and 3) requirements for conservation, management, policy and monitoring.

EEEB GU4645 CULTURAL & BIOLOGICAL DIVERSITY. 3 points.

Enrollment limited to 20.

Prerequisites: the instructor's permission.

Many areas of the world with high biological diversity also have high levels of linguistic diversity (a proxy for cultural diversity). These places are generally in parts of the world that have been, until quite recently, at the frontiers of resource extraction, human migration and resettlement, and capital expansion. Cultural, linguistic, and biological diversity are now imperiled by the same threats (including resource extraction, human migration and resettlement, and capital expansion). This course will explore how different fields have sought to understand and sustain the reciprocal, mutually influencing relationships between human societies and their environments. The term "biocultural diversity" – which denotes the truism that human

societies influence and are influenced by the environments of which they are a part – is relatively new (although increasingly in use). Students will be able to differentiate how different scholars and academic traditions define and apply biocultural diversity and will explore its application in biodiversity conservation and cultural revitalization through case studies.

EEEB GU4700 Race: The Tangled History of a Biological Concept. 4 points.

Enrollment limited to 15. Priority given to EBHS majors/concentrators. **Not offered during 2019-20 academic year.**

From Aristotle to the 2020 US census, this course examines the history of race as a biological concept. It explores the complex relationship between the scientific study of biological differences—real, imagined, or invented and the historical and cultural factors involved in the development and expression of "racial ideas." Scientific background not required. [Additional hour for film screenings weekly in second half of the semester—attendance at films is mandatory.] Please note that this course DOES NOT fulfill the SC requirement at the College or GS.

OF RELATED INTEREST

Economics

ECON GU4625	Economics of the Environment
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Earth and Environmental Sciences

EESC UN2330	Science for Sustainable Development
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EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
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EESC GU4550	Plant Ecophysiology
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EESC GU4835	Wetlands and Climate Change
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Political Science

POLS GU4730	Game Theory and Political Theory
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ECONOMICS

Departmental Office: 1022 International Affairs Building; 212-854-3680

<http://www.columbia.edu/cu/economics/>

Director of Undergraduate Studies: Dr. Susan Elmes, 1006 International Affairs Building; 212-854-9124; se5@columbia.edu

Director of Departmental Honors Program: Dr. Susan Elmes, 1006 International Affairs Building; 212-854-9124; se5@columbia.edu

Economics is the study of the ways in which society allocates its scarce resources among alternative uses and the consequences of these decisions. The areas of inquiry deal with a varied range of topics such as international trade, domestic and international financial systems, labor market analysis, and the study of less developed economies. Broadly speaking, the goal of an economics major is to train students to think analytically about social issues and, as such, provide a solid foundation for not only further

study and careers in economics, but also for careers in law, public service, business, and related fields.

The Economics Department offers a general economics major in addition to five interdisciplinary majors structured to suit the interests and professional goals of a heterogeneous student body. All of these programs have different specific requirements but share the common structure of core theoretical courses that provide the foundation for higher-level elective courses culminating in a senior seminar. Students are urged to carefully look through the details of each of these programs and to contact an appropriate departmental adviser to discuss their particular interests.

ADVANCED PLACEMENT

Tests must be taken in **both** microeconomics and macroeconomics, with a score of 5 on one test and at least a 4 on the other. Provided that this is achieved, the department grants 4 credits for a score of 4 and 5 on the AP Economics exam along with exemption from *ECON UN1105 Principles of Economics*.

ADVISING

The Department of Economics offers a variety of advising resources to provide prospective and current undergraduate majors and concentrators with the information and support needed to successfully navigate through the program. These resources are described below.

Frequently Asked Questions

Please see: <http://econ.columbia.edu/frequently-asked-questions-0> (<http://econ.columbia.edu/frequently-asked-questions-0/>)

As a first step, students are encouraged to visit the department's FAQ page, which provides comprehensive information and answers to the most frequently asked questions about the departmental majors and requirements. This page also includes a section that answers specific questions of first-years, sophomores, and non-majors.

Graduate Student Advisers

For answers to the most common questions that students have about the majors, the department has graduate student advisers, who are available by e-mail at econ-advising@columbia.edu, or during weekly office hours to meet with students.

Students should direct all questions and concerns about their major to the graduate student advisers either in person or via e-mail. The graduate student advisers can discuss major requirements, scheduling, and major course selection, as well as review student checklists and discuss progress in the major. Occasionally, graduate student advisers may refer a student to someone else in the department (such as the director of undergraduate studies) or in the student's school for additional advising.

Contact information and office hours for the graduate student advisers are posted on the *Advisers* page of the departmental

website (<http://www.columbia.edu/cu/economics/>) in the week prior to the beginning of the semester. Students considering one of the interdepartmental majors should speak to both a graduate student adviser from the Economics Department and the adviser from the other department early in the sophomore year.

Faculty Advisers

Faculty advisers are available to discuss students' academic and career goals, both in terms of the undergraduate career and post-graduate degrees and research. Students wishing to discuss these types of substantive topics may request a faculty adviser by completing the form available on the *Advisers* page of the departmental website (<http://www.columbia.edu/cu/economics/>) and depositing it in the mailbox of the director of undergraduate studies in the department's main office, 1022 International Affairs Building.

The department does its best to match students with faculty members that share similar academic interests. While faculty advisers do not discuss major requirements—that is the role of the graduate student advisers—they do provide guidance in course selection as it relates to meeting a student's intellectual goals and interests, as well as advise on career and research options. It is recommended that students who plan on attending a Ph.D. program in economics or are interested in pursuing economics research after graduation request a faculty adviser.

ON-LINE INFORMATION

Students can access useful information on-line, including: a comprehensive FAQ page; requirement changes to the major and concentration; sample programs and checklists; faculty office hours, contact information and fields of specialization; adviser information; teaching assistant information; research assistant opportunities; list of tutors; and Columbia-Barnard Economics Society information.

DEPARTMENTAL HONORS

Economics majors and economics joint majors who wish to be considered for departmental honors in economics must:

1. Have at least a 3.7 GPA in their major courses;
2. Take ECON GU4999 Senior Honors Thesis (a one-year course);
3. Receive at least a grade of A- in ECON GU4999 Senior Honors Thesis.

Students must consult and obtain the approval of the departmental undergraduate director in order to be admitted to the workshop. Please note that ECON GU4999 Senior Honors Thesis may be taken to fulfill the **seminar requirement** for the economics major and all economics joint majors. Students who wish to write a senior thesis (ECON GU4999 Senior Honors Thesis) must have completed the core major requirements. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Please see the

Honors Prizes page on the department's website for more information.

UNDERGRADUATE PRIZES

All prize recipients are announced at the end of the spring semester each academic year.

Sanford S. Parker Prize

Established in 1980, this prize is awarded annually to a Columbia College graduating student who majored or concentrated in economics and plans on continuing his or her studies in an economics Ph.D. program within the two years following his or her graduation.

Romine Prize

Established in 1997, this prize is awarded annually to two students (Columbia College or General Studies) majoring in economics: one for the best honors thesis paper, and the other for the best economics seminar paper.

Parker Prize for Summer Research

The department provides financial support for five Columbia College undergraduates who take unpaid summer internships that focus on research.

PROFESSORS

Douglas Almond (also School of International and Public Affairs)
 Jushan Bai
 Jagdish N. Bhagwati
 Sandra Black
 Patrick Bolton (also Business School)
 André Burgstaller (Barnard)
 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
 Padma Desai (*emerita*)
 Prajit Dutta
 Harrison Hong
 R. Glenn Hubbard (also Business School)
 Navin Kartik
 Wojciech Kopczuk (also School of International and Public Affairs)
 Sokbae (Simon) Lee
 W. Bentley McLeod (also School of International and Public Affairs)
 Perry Mehrling (Barnard)
 Robert Mundell (*emeritus*)
 Suresh Naidu (also School of International and Public Affairs)
 Serena Ng
 Brendan O'Flaherty
 Edmund S. Phelps
 Andrea Prat (also Business School)

Michael Riordan
 Jeffrey Sachs (also Earth Institute)
 Xavier Sala-i-Martin
 Bernard Salanié (Chair)
 José A. Scheinkman
 Stephanie Schmitt-Grohé
 Rajiv Sethi (Barnard)
 Joseph Stiglitz (also Business School)
 Martín Uribe
 Miguel Urquiola (also School of International and Public Affairs)
 Eric Verhoogen (also School of International and Public Affairs)
 David Weiman (Barnard)
 David Weinstein
 Michael Woodford

ASSOCIATE PROFESSORS

Mark Dean
 Lena Edlund
 Jennifer La'O
 Qingmin Liu

ASSISTANT PROFESSORS

Hassan Afrouzi
 Michael Best
 Andres Drenik
 Matthieu Gomez
 Reka Juhasz
 Elliot Lipnowski
 Jose Luis Montiel Olea
 Xiaosheng Mu
 Evan Sadler
 Jack Willis

LECTURERS

Irasema Alonso
 Tri Vi Dang
 Susan Elmes
 Seyhan Erden
 Tamrat Gashaw
 Sunil Gulati
 Ronald Miller
 Wouter Vergote

ADJUNCT FACULTY

Tim Goodspeed
 Claudia Halbac
 Ed Lincoln
 Neal Masia
 Caterina Musatti
 Waseem Noor
 Ingmar Nyman
 Maxim Pinkovskiy

ON LEAVE

Prof. Clarida, Drenik, Hubbard, Kopczuk, Liu, Riordan
 (2019-2020)
 Prof. Best, Salanie, Scheinkman (Fall 2019)
 Prof. Lee, Montiel Olea, Weinstein (Spring 2020)

GUIDELINES FOR ALL ECONOMICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Checklists and Requirement

Checklists and Requirement information are available on the Department website (<https://econ.columbia.edu/undergraduate/requirements-and-forms/>).

Course List

Economics Core Courses

All of the core courses must be completed **no later than the spring semester** of the student's **junior year** and must be taken at Columbia. *Students who take any core course during the fall semester of their senior year must obtain written permission from the department's director of undergraduate studies.* Unless otherwise specified below, all students must complete the following core courses:

ECON UN1105	Principles of Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON UN3412	Introduction To Econometrics

Prerequisites

Course prerequisites are strictly enforced. Prerequisites must be taken before the course, not after or concurrently.

Economics courses taken before the completion of any of its prerequisites, even with instructor approval, are **not** counted toward the major, concentration, or interdepartmental majors. Exemptions from a prerequisite requirement may only be made, in writing, by the department's director of undergraduate studies. Credits from a course taken *prior* to the completion of its prerequisites are **not** counted towards the major requirements. As a consequence, students are required to complete **additional**, specific courses in economics at the direction of the director of undergraduate studies.

The prerequisites for required courses are as follows:

Course	Prerequisites
ECON UN1105 Principles of Economics	None
MATH UN1101 Calculus I	
STAT UN1201 Calculus-Based Introduction to Statistics	MATH UN1101 Calculus I

ECON UN3211 Intermediate Microeconomics	ECON UN1105 Principles of Economics MATH UN1201 Calculus III or UN1205	ECON GU4860 Behavioral Finance	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics ECON UN3412 Introduction To Econometrics
ECON UN3213 Intermediate Macroeconomics	ECON UN1105 Principles of Economics MATH UN1101 Calculus I Co-requisite: MATH UN1201 Calculus III or UN1205	All other ECON 3000- and 4000-level electives	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics
ECON UN3412 Introduction To Econometrics	MATH UN1201 Calculus III or UN1205 ECON UN3211 Intermediate Microeconomics or UN3213 STAT UN1201 Calculus-Based Introduction to Statistics	ECON UN3901 Economics of Education ECON UN3952 Seminar in Macroeconomics and Formation of Expectations ECON UN3981 Applied Econometrics	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics ECON UN3412 Introduction To Econometrics
ECON 2000-level electives	ECON UN1105 Principles of Economics	ECON GU4911 Seminar In Microeconomics ECON GU4913 Seminar In Macroeconomics ECON GU4918 Seminar In Econometrics	
ECON GU4211 Advanced Microeconomics	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics MATH UN2010 Linear Algebra Corequisites: MATH UN2500 Analysis and Optimization or GU4061	ECPS GU4921 Seminar In Political Economy	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics ECON UN3412 Introduction To Econometrics ECON GU4370 Political Economy
ECON GU4412 Advanced Econometrics	ECON UN3211 Intermediate Microeconomics		
ECON GU4213 Advanced Macroeconomics	ECON UN3213 Intermediate Macroeconomics		
ECON GU4413 Econometrics of Time Series and Forecasting	ECON UN3412 Introduction To Econometrics MATH UN2010 Linear Algebra	ECPH GU4950 Economics and Philosophy Seminar	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics ECON UN3412 Introduction To Econometrics
ECON UN3025 Financial Economics	ECON UN3211 Intermediate Microeconomics		
ECON GU4020 Economics of Uncertainty and Information	ECON UN3213 Intermediate Macroeconomics		
ECON GU4230 Economics of New York City	STAT UN1201 Calculus-Based Introduction to Statistics	Barnard electives	See Barnard bulletin
ECON GU4260 Market Design			
ECON GU4280 Corporate Finance			
ECON GU4370 Political Economy			
ECON GU4700 Financial Crises			
ECON GU4710 Finance and the Real Economy			
ECON GU4850 Cognitive Mechanisms and Economic Behavior			

It is **strongly recommended** that students take ECON UN3412 Introduction To Econometrics in the semester **immediately** following the completion of the statistics course.

Grading

No course with a grade of D or lower, including calculus and statistics courses, can count toward the major, concentration, or interdepartmental majors. Economics core courses with a grade of D or F must be retaken and completed with a grade of C- or better.

Students who receive a grade of D or F in a core course are permitted to take a higher-level elective course that has that core course as a prerequisite, so long as it is taken concurrently with the retaking of that core course. For example, if a student fails ECON UN3211 Intermediate Microeconomics, the student must retake it and, in the same semester, may enroll in an elective

course for which it is a prerequisite, provided that all other prerequisites for the elective have been completed. The same rule applies to the required math and statistics courses. For example, if a student fails *MATH UN1201 Calculus III*, the student may retake calculus III concurrently with *Intermediate Microeconomics*. Students who must retake any core economics or math course may not retake it concurrently with a senior seminar; the economics core courses *ECON UN3211 Intermediate Microeconomics*, *ECON UN3213 Intermediate Macroeconomics*, and *ECON UN3412 Introduction To Econometrics* must be successfully completed before a student may enroll in a seminar.

A grade of W is not equivalent to a grade of D or F; it does not qualify a student to retake the course concurrently with a higher level course that lists the course as a prerequisite. Students who receive a grade of W in a core course must complete the course with a grade of C- or better before taking a course that lists it as a prerequisite.

Only ECON UN1105 Principles of Economics may be taken for a grade of Pass/D/Fail, and the student must receive a grade of P for it to count towards the requirements for the major, concentration, or interdepartmental majors.

Economics Electives

Only those courses identified in the Economics Department listings in this Bulletin may be taken for elective credit. All 3000-level or higher electives offered by the Economics Department have ECON UN3211 Intermediate Microeconomics and ECON UN3213 Intermediate Macroeconomics as prerequisites. However, some electives have additional prerequisites and students should ensure that all prerequisites have been completed (see the table of prerequisites printed above). *Seminars do not count as electives.*

Seminars

Seminars can be taken only after all of the required core courses in economics have been successfully completed. Students may not take or re-take ECON UN3211 Intermediate Microeconomics, ECON UN3213 Intermediate Macroeconomics, or ECON UN3412 Introduction To Econometrics concurrently with any senior seminar. *Seminars do not count as electives.* Each seminar is limited to sixteen students, with priority given to seniors. For ECPS GU4921 Seminar In Political Economy and ECPH GU4950 Economics and Philosophy Seminar, priority is given to economics-political science and economics-philosophy majors, respectively.

For seminar registration details, read the information posted on the department's *Senior Seminar Registration* page: <http://econ.columbia.edu/senior-seminars-registration> (<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 Calculus
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 Calculus-Based Introduction 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 Development Economics and Economic Development
ECON BC3038 - ECON GU4505	International Money and 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 of Political Economy and HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
ECON GU4400	Labor Economics
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes

Students should always first consult with *econ-advising* to confirm that the Barnard elective they wish to take does not overlap with a Columbia elective that they have already taken or plan to take. Students may *not* take the Barnard core economics, math, statistics, or seminar courses for credit towards the completion of major requirements.

School of Professional Studies Courses

The Department of Economics does not accept *any* of the courses offered through the School of Professional Studies for credit towards the economics major, concentration, or interdepartmental majors with the exception of the courses offered by the Economics Department during the summer session at Columbia.

Other Department and School Courses

Please note that with the exception of the above Barnard courses and the specific courses listed below for the financial economics major, no other courses offered through the different departments and schools at Columbia count toward the economics majors or concentration.

Transfer Credits

Students are required to take a minimum number of courses in the Columbia Economics Department. For all majors and interdepartmental majors, students must complete a minimum of *five* lecture courses in the Columbia department. Students may fulfill their remaining requirements for economics lecture courses through AP (or IB or GCE) credits, Barnard electives, transfer courses, and study abroad courses (the latter two are subject to the approval of the Economics Department). The following table summarizes the new rules:

Program	Number of required economics lecture courses	Minimum number which must be taken in the department	Maximum number of outside allowed
Economics major	9	5	4
Financial economics	8	5	3
Economics-mathematics	7	5	2
Economics-political science	7	5	2

Economics-statistics	7	5	2
Economics-philosophy	7	5	2
Economics concentration	7	4	3

1. **Lecture courses** do not include seminars, which must be taken in the Columbia Economics Department. The lecture course counts are counts of economics courses only and do **not** include math, statistics, or courses in other departments;
2. At least two of the three *3000*-level economics core courses must be taken in the department and no corresponding Barnard courses are accepted. ECON UN3025 Financial Economics and ECON UN3265 The Economics of Money and Banking are counted as departmental courses regardless of the instructor;
3. **Outside courses** include AP (or IB or GCE) credits, transfer credits, Barnard *2000*- and *3000*-level elective courses and transfer credits from other universities. In the case where two or more courses taken outside of Columbia are used as the equivalent of ECON UN1105 Principles of Economics, those courses are counted as one transfer course.

Approval of transfer credits to fulfill economics requirements must be obtained in writing from the Department of Economics (see the departmental website (<http://www.columbia.edu/cu/economics/>) or speak with your advising dean for information regarding applications for transfer credit). Approval is granted only for courses that are considered to be comparable to those offered at Columbia.

Summer courses taken at other institutions must be approved in writing by the department's transfer credit adviser before the course is taken. 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 (<http://www.columbia.edu/cu/economics/>).

MAJOR IN ECONOMICS

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

The economics major requires a minimum of 35 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 44 points as follows:

Economics Core Courses

All economics core courses

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select at least five electives, of which no more than one may be taken at the 2000-level (including Barnard courses)

Economics Seminar

Select one economics seminar course

CONCENTRATION IN ECONOMICS

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

The economics concentration requires a minimum of 25 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 34 points as follows:

Economics Core Courses

All economics core courses

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select at least three electives, of which no more than one may be taken at the 2000-level (including Barnard courses)

MAJOR IN FINANCIAL ECONOMICS

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

The Department of Economics offers the major in financial economics, which provides an academic framework to explore the role of financial markets and intermediaries in the allocation (and misallocation) of capital. Among the topics studied in financial economics are financial markets, banks and other financial intermediaries, asset valuation, portfolio allocation, regulation and corporate governance.

The financial economics major requires 26 points in economics, 6 points in mathematics, 3 points in statistics, 3 points in business, and 12 points from a list of selected courses for a total minimum of 50 points as follows:

Economics Core Courses

All economics core courses

Finance Core Courses *

ECON UN3025 Financial Economics

ECON GU4280 Corporate Finance

BUSI UN3013 Financial Accounting

*NOTE: The department considers BUSI UN3013 and IEOR E2261 as overlapping courses. Students who take both courses shall be credited with one course only. Financial economics majors who are also in the Business Management concentration program (CNBUMG) must take an additional elective from either the financial economics prescribed elective list (below) or from the CNBUMB prescribed list.

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Electives

Select four of the following, of which two must be from the Columbia or Barnard economics departments, or equivalent economics transfer credits:

ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
ECON UN3265	The Economics of Money and Banking
ECON UN3952	Seminar in Macroeconomics and Formation of Expectations
ECON GU4020	Economics of Uncertainty and Information
ECON GU4213	Advanced Macroeconomics
ECON GU4251	Industrial Organization
ECON GU4260	Market Design
ECON GU4412	Advanced Econometrics
ECON GU4415	Game Theory
ECON GU4465	Public Economics
ECON GU4500	International Trade
ECON GU4505 or ECON BC3038	International Macroeconomics International Money and Finance
ECON G4526	Transition Reforms, Globalization and Financial Crisis
ECON GU4700	Financial Crises
ECON GU4710	Finance and the Real Economy
ECON GU4840	Behavioral Economics
ECON GU4850	Cognitive Mechanisms and Economic Behavior
ECON GU4860	Behavioral Finance
BIOT GU4180	Entrepreneurship in Biotechnology
BUSI UN3021	Marketing Management
BUSI UN3701	Strategy Formulation
BUSI UN3702	Venturing to Change the World
BUSI UN3703	Leadership in Organizations
BUSI UN3704	Making History Through Venturing
COMS W1002	Computing in Context
HIST W2904	History of Finance
IEOR E3106	Stochastic Systems and Applications
IEOR E4700	Introduction to Financial Engineering
MATH UN3050	Discrete Time Models in Finance
POLS UN3630	Politics of International Economic Relations

STAT W3201	Math Finance in Continuous Time
STAT GU4261	Statistical Methods in Finance
STAT GU4207	Elementary Stochastic Processes
STAT GU4262	Stochastic Processes for Finance

Seminar

The seminar must be chosen from a list of seminars eligible for the financial economics major. The department indicates which seminars are eligible for the major on the Senior Seminars page of the departmental website.

Students must have completed at least one of ECON UN3025 or ECON GU4280 prior to taking their senior seminar.

- * Students must complete the finance core no later than fall of their senior year.

MAJOR IN ECONOMICS-MATHEMATICS

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

The major in economics and mathematics provides students with a grounding in economic theory comparable to that provided by the general economics major and exposes students to rigorous and extensive training in mathematics. The program is recommended for any student planning to do graduate work in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Mathematics has an assigned adviser with whom students may consult on mathematics requirements. The economics adviser can only advise on economics requirements; the mathematics adviser can only advise on mathematics requirements.

The economics-mathematics major requires a total of 52 or 56 points (depending on mathematics sequence) : 29 points in economics and 23-27 points in mathematics and statistics as follows:

Economics Core Courses

All economics core courses

Economics Electives

Select three electives at the 3000-level or above

Mathematics

Select one of the following sequences:

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN2010	and Linear Algebra

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable
- MATH UN2010	Calculus
	and Linear Algebra

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

Note: Students who take MATH UN1205 may not receive credit for both MATH UN1201 and MATH UN1202.

Analysis requirement:

MATH UN2500	Analysis and Optimization
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Select three of the following:

MATH UN1202	Calculus IV
MATH UN2030	Ordinary Differential Equations
Any mathematics course at the 3000-level or above	

Note: Students who take MATH UN1205 will not receive credit for MATH UN1202.

Statistics

Select one of the following sequences:

STAT GU4001	Introduction to Probability and Statistics
STAT GU4203 - STAT GU4204	PROBABILITY THEORY and Statistical Inference

Economics Seminar

Select an economics seminar

NOTE:

1. Students who fulfill the statistics requirement with STAT GU4203 and STAT GU4204, may count STAT GU4203 or STAT GU4204 as one of the three required mathematics electives.
2. Students who choose the one year sequence (STAT GU4203/ STAT GU4204), must complete the year long sequence *prior* to taking ECON UN3412. Students receive elective credit for the probability course.

MAJOR IN ECONOMICS-PHILOSOPHY

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

Economics-philosophy is an interdisciplinary major that introduces students to basic methodologies of economics and philosophy and stresses areas of particular concern to both, e.g. rationality and decision making, justice and efficiency, freedom and collective choice, logic of empirical theories and testing. Many issues are dealt with historically. Classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Philosophy has an assigned adviser with whom students may consult on philosophy requirements. The economics adviser can only advise on economics requirements; the philosophy adviser can only advise on philosophy requirements.

The economics-philosophy major requires a total minimum of 54 points: 25 points in economics, 16 points in philosophy, 6 points in mathematics, 3 points in statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON UN1105	Principles of Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON UN3412	Introduction To Econometrics

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Three Electives are required; two must be selected from the below list, and the remaining elective may be any economics elective at the 3000-level or above.

ECON GU4020	Economics of Uncertainty and Information
ECON GU4211	Advanced Microeconomics
ECON GU4213	Advanced Macroeconomics
ECON GU4228	Urban Economics
ECON GU4230	Economics of New York City
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
ECON GU4301	Economic Growth and Development
ECON GU4370	Political Economy
ECON GU4400	Labor Economics
ECON GU4415	Game Theory
ECON GU4438	Economics of Race in the U.S.
ECON GU4465	Public Economics
ECON GU4480	Gender and Applied Economics
ECON GU4500	International Trade
ECON W4615	Law and Economics
ECON GU4625 or ECON BC3039	Economics of the Environment Environmental and Natural Resource Economics
ECON GU4750	Globalization and Its Risks
ECON GU4840	Behavioral Economics
ECON GU4850	Cognitive Mechanisms and Economic Behavior
ECON BC3011	Inequality and Poverty

Philosophy Courses

PHIL UN1010	Methods and Problems of Philosophical Thought
PHIL UN3411	Symbolic Logic
PHIL UN3701	Ethics
PHIL UN3551 or PHIL UN3960	Philosophy of Science Epistemology
PHIL GU4561	Probability and Decision Theory

Seminar

ECPH GU4950	Economics and Philosophy Seminar
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Students who declared before Spring 2014: The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of

undergraduate studies for the department in order to confirm their options for major requirements.

MAJOR IN ECONOMICS–POLITICAL SCIENCE

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

Political economy is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Political Science has an assigned adviser with whom students may consult on political science requirements. The economics adviser can only advise on economics requirements; the political science adviser can only advise on political science requirements.

The economics–political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows.

The political science courses are grouped into four areas, i.e. subfields: (1) American Politics, (2) Comparative Politics, (3) International Relations, and (4) Political Theory. For the political science part of the major, students are required to select one area as a major subfield and one as a minor subfield. The corresponding introductory courses in both subfields must be taken, plus two electives in the major subfield, and one in the minor subfield.

Economics Core Courses

ECON UN1105	Principles of Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON GU4370	Political Economy

Mathematics

Select a mathematics sequence

Statistical Methods

STAT UN1201	Calculus-Based Introduction 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 Economy
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 Seminar in American Politics
or POLS UN3922 Seminar in American Politics

POLS UN3951 Seminar in Comparative Politics
or POLS UN3952 Seminar in Comparative Politics

POLS UN3961 International Politics Seminar
or POLS UN3962 INTERNATIONAL POLITICS SEMINAR

- Students who wish to count toward the political science seminar requirement a course that is not in the above list of approved seminars must obtain permission from the political science Director of Undergraduate studies. Barnard colloquia can count for seminar credit only with the written permission of the Director of Undergraduate Studies. Note that admission to Barnard colloquia is by application to the Barnard political science department only.

MAJOR IN ECONOMICS-STATISTICS

Please read Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors (p. 392) above.

The major in economics-statistics provides students with a grounding in economic theory comparable to that provided by the general economics major, but also exposes students to a significantly more rigorous and extensive statistics training than is provided by the general major. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Statistics has an assigned adviser with whom students may consult on statistics requirements. The economics adviser can only advise on economics requirements; the statistics adviser can only advise on statistics requirements.

The economics-statistics major requires a total of 59 points: 29 in economics, 15 points in statistics, 12 points in mathematics, 3 points in computer science as follows:

Economics Core Courses

All economics core courses

Economics Electives

Select three electives at the 3000-level or above

Mathematics

Select one of the following sequences:

MATH UN1101 Calculus I
- MATH UN1102 and Calculus II
- MATH UN1201 and Calculus III
- MATH UN2010 and Linear Algebra

MATH UN1101 Calculus I
- MATH UN1102 and Calculus II
- MATH UN1205 and Accelerated Multivariable Calculus
- MATH UN2010 and Linear Algebra

MATH UN1207 Honors Mathematics A
- MATH UN1208 and Honors Mathematics B

Statistics

STAT UN1201 Calculus-Based Introduction to Statistics

STAT GU4203 PROBABILITY THEORY

STAT GU4204 Statistical Inference

STAT GU4205 Linear Regression Models

One elective in statistics from among courses numbered STAT GU 4206 through GU 4266.

Computer Science

Select one of the following:

COMS W1004 Introduction to Computer Science and Programming in Java

COMS W1005 Introduction to Computer Science and Programming in MATLAB

COMS W1007 Honors Introduction to Computer Science

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists

STAT UN2102 Applied Statistical Computing

Economics Seminar

ECON GU4918 Seminar In Econometrics

Students who declared before Spring 2014: The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

ECONOMICS

ECON UN1105 Principles of Economics. 4 points.

Corequisites: ECON UN1155

How a market economy determines the relative prices of goods, factors of production, and the allocation of resources and the circumstances under which it does it efficiently. Why such an economy has fluctuations and how they may be controlled.

Fall 2019: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/47385	M W 8:40am - 9:55am	Sunil Gulati	4	211/220

		501 Schermerhorn Hall			
ECON 1105	002/47386	M W 10:10am - 11:25am 417 International Affairs Bldg	Prajit Dutta	4	163/189
ECON 1105	003/47441	T Th 10:10am - 11:25am 309 Havemeyer Hall	Waseem Noor	4	168/189

Spring 2020: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/13663	M W 8:40am - 9:55am Room TBA	Sunil Gulati	4	205/220
ECON 1105	002/13662	T Th 4:10pm - 5:25pm Room TBA	Brendan O'Flaherty	4	189/189
ECON 1105	003/13661	T Th 10:10am - 11:25am Room TBA	Waseem Noor	4	132/189

ECON UN1155 Disc Section: Principles of Economics. 0 points.

Required Discussion section for ECON UN1105 Principles of Economics

Fall 2019: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/47389			0	521/650

Spring 2020: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/13664			0	195/600

ECON UN2029 FED Challenge Workshop. 1 point.

Prerequisites: (ECON UN1105)

The workshop prepares students to compete in the annual College Fed Challenge sponsored by the Federal Reserve. Topics covered include macroeconomic and financial conditions, monetary policy, financial stability and the Federal Reserve System.

Fall 2019: ECON UN2029

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2029	001/47388	W 6:10pm - 8:00pm 418 International Affairs Bldg	Tamrat Gashaw	1	26/50

ECON UN2105 The American Economy. 3 points.

Prerequisites: ECON UN1105

The course surveys issues of interest in the American economy, including economic measurement, well-being and income distribution, business cycles and recession, the labor and housing markets, saving and wealth, fiscal policy, banking and finance, and topics in central banking. We study historical issues, institutions, measurement, current performance and recent research.

Fall 2019: ECON UN2105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 2105	001/47409	T Th 11:40am - 12:55pm Aud Earl Hall	Claudia Halbac	3	64/86
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ECON UN2257 Global Economy. 3 points.

Prerequisites: ECON UN1105

Covers five areas within the general field of international economics: (i) microeconomic issues of why countries trade, how the gains from trade are distributed, and protectionism; (ii) macroeconomic issues such as exchange rates, balance of payments and open economy macroeconomic adjustment, (iii) the role of international institutions (World Bank, IMF, etc); (iv) economic development and (v) economies in transition.

Spring 2020: ECON UN2257

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2257	001/13665	T Th 11:40am - 12:55pm Room TBA	Ronald Miller	3	71/189

ECON UN3025 Financial Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Institutional nature and economic function of financial markets. Emphasis on both domestic and international markets (debt, stock, foreign exchange, eurobond, eurocurrency, futures, options, and others). Principles of security pricing and portfolio management; the Capital Asset Pricing Model and the Efficient Markets Hypothesis.

Fall 2019: ECON UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/47390	T Th 2:40pm - 3:55pm Ren Kraft Center	Tamrat Gashaw	3	71/150

Spring 2020: ECON UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/00164	M W 2:40pm - 3:55pm Room TBA	Martina Jasova	3	110/110
ECON 3025	002/13666	M W 6:10pm - 7:25pm Room TBA		3	95/110

ECON UN3211 Intermediate Microeconomics. 4 points.

Prerequisites: ECON UN1105 and MATH UN1101 and (MATH UN1201 or MATH UN1207)

The determination of the relative prices of goods and factors of production and the allocation of resources.

Fall 2019: ECON UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/47391	T Th 11:40am - 12:55pm 717 Hamilton Hall	Caterina Musatti	4	61/86
ECON 3211	002/47392	M W 10:10am - 11:25am 310 Fayerweather	Wouter Vergote	4	96/96

ECON 3211	003/47393	M W 1:10pm - 2:25pm 428 Pupin Laboratories	Susan Elmes	4	73/96
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Spring 2020: ECON UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/13667	M W 2:40pm - 3:55pm Room TBA	Wouter Vergote	4	86/86
ECON 3211	002/13668	T Th 11:40am - 12:55pm Room TBA	Caterina Musatti	4	85/86
ECON 3211	003/13669	M W 11:40am - 12:55pm Room TBA	Ingmar Nyman	4	86/86

ECON UN3212 Discussion Section Intermediate Economics. 0 points.

Required Discussion section for ECON UN3211 intermediate Economics.

Fall 2019: ECON UN3212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/47394			0	220/350

Spring 2020: ECON UN3212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/13670			0	35/500

ECON UN3213 Intermediate Macroeconomics. 4 points.

Prerequisites: (MATH UN1101 or MATH UN1207) and ECON UN1105 or the equivalent.

Corequisites: MATH UN1201

This course covers the determination of output, employment, inflation and interest rates. Topics include economic growth, business cycles, monetary and fiscal policy, consumption and savings and national income accounting.

Fall 2019: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/47397	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Xavier Sala-I-Martin	4	316/325
ECON 3213	002/47396	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Ronald Miller	4	26/86

Spring 2020: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/13671	M W 8:40am - 9:55am Room TBA	Stephanie Schmitt-Grohe	4	55/86
ECON 3213	002/13672	M W 10:10am - 11:25am Room TBA	Stephanie Schmitt-Grohe	4	86/86

ECON 3213	003/13673	T Th 1:10pm - 2:25pm Room TBA	Irasema Alonso	4	110/110
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ECON UN3214 Intermediate Macroeconomics - Discussion Section. 0 points.

Discussion section for ECON UN3213 Intermediate Macro.

Student must register for a section.

Fall 2019: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/47398			0	334/550

Spring 2020: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/13674			0	45/500

ECON UN3265 The Economics of Money and Banking. 3 points.

Prerequisites: ECON BC3033 and ECON BC3035 or the equivalent.

Introduction to the principles of money and banking. The intermediary institutions of the American economy and their historical developments, current issues in monetary and financial reform.

Spring 2020: ECON UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/13675	M W 4:10pm - 5:25pm Room TBA	Tri Vi Dang	3	140/140
ECON 3265	002/00187	M W 10:10am - 11:25am Room TBA	Jose Cao-Alvira	3	59/110

ECON UN3412 Introduction To Econometrics. 4 points.

Prerequisites: (ECON UN3211 or ECON UN3213) and (MATH UN1201 or MATH UN1207) and STAT UN1201
Modern econometric methods; the general linear statistical model and its extensions; simultaneous equations and the identification problem; time series problems; forecasting methods; extensive practice with the analysis of different types of data.

Fall 2019: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/47399	T Th 2:40pm - 3:55pm 702 Hamilton Hall	Seyhan Erden	4	83/86
ECON 3412	002/47400	M W 4:10pm - 5:25pm 602 Hamilton Hall	Jushan Bai	4	75/86
ECON 3412	003/47401	T Th 11:40am - 12:55pm 413 Kent Hall	Tamrat Gashaw	4	44/86

Spring 2020: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/13676	T Th 2:40pm - 3:55pm	Seyhan Erden	4	86/86

ECON 3412	002/13677	Room TBA	Tamrat Gashaw	4	80/86
		M W 1:10pm - 2:25pm Room TBA			
ECON 3412	003/13678	M W 2:40pm - 3:55pm Room TBA		4	53/86

ECON UN3413 Intro to Econometrics Discussion Section. 0 points.

Required discussion section for ECON UN3412: Intro to Econometrics

Fall 2019: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/47402			0	174/300

Spring 2020: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/13679			0	35/350

ECON UN3901 Economics of Education. 3 points.

Prerequisites: (econ un3211 and econ un3213 and econ un3412)

Course objective: This course has two objectives: (1) To develop students' skills in research and writing. Specifically, participants will work on: formulating a research question, placing it in the context of an existing literature and/or policy area, and using economic and econometric tools to address it in writing. Specifically, in the first part of the class, readings, problem sets, and a midterm exam will build skills in these areas. In the second part, students will come up with a research question, and address it in a research proposal/report. While all the applications will be on the economics of education, these skills will be useful in students' subsequent careers, regardless of the area of economics they focus on. (2) To provide an introduction to key issues in the economics of education. Specifically, education is a significant industry every person entering this course will have already spent years in this industry as a customer, as a worker, as an input, or all of the above. The course will address questions like: What does economics have to say about how this industry is organized and what determines its output? Why do individuals invest in education? What determines the behavior, productivity, and reputation of firms in the industry? What role should government and public policy (if any) play in its operation?

Spring 2020: ECON UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3901	001/13681	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Miguel Urquiola	3	0/16

ECON UN3952 Seminar in Macroeconomics and Formation of Expectations. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

This course has two main objectives:

To introduce students to the process of writing a research paper. This includes identifying and formulating a research question, reviewing the previous literature and positioning the problem in that context, identifying the proper tools and data to answer the question, and finally writing the findings in the format of a research paper. An immediate goal is to prepare the students to undertake a senior thesis project.

To provide an introduction to selected topics and survey evidence in macroeconomics, with a focus on the expectation formation process of economic agents. We will start by going through some canonical models that are widely used for economic and policy analysis to understand the role of expectations in the decision making of households and firms. We will then go through a series of survey data and relate the empirical evidence to the theoretical predictions of those canonical models

Spring 2020: ECON UN3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3952	001/13682	M 6:10pm - 8:00pm 1027 International Affairs Bldg	Hassan Afrouzi Khosroshahi	3	0/16

ECON UN3981 Applied Econometrics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

The objective of this course is to develop students' research skills and to learn the process of writing an original research paper. The skills and process include the ability to identify a problem and state in a concise manner, literature review, data collection, model formulation and estimation, evaluation of the problem and writing up the findings in a format of a research paper. An immediate and more specific goal is to prepare students to tackle a senior thesis project.

Towards this goal, this course will review or introduce the most widely used econometric techniques for empirical research. These include multiple regressions, probit and logit models, instrumental variables methods, panel data methods, regression discontinuity designs. This course will also introduce some time series methods such as vector autoregressive process, cointegration analysis, financial time series, and modeling of volatilities. Students will need to practice these methods with a computer software package (R or STATA) and with actual economic data sets.

ECON GU4020 Economics of Uncertainty and Information. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Topics include behavior uncertainty, expected utility hypothesis, insurance, portfolio choice, principle agent problems, screening and signaling, and information theories of financial intermediation.

Fall 2019: ECON GU4020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4020	001/47403	T Th 4:10pm - 5:25pm 717 Hamilton Hall	Pierre- Andre Chiappori	3	26/60

ECON GU4211 Advanced Microeconomics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for required discussion section.

Corequisites: MATH UN2500, MATH GU4061

The course provides a rigorous introduction to microeconomics. Topics will vary with the instructor but will include consumer theory, producer theory, general equilibrium and welfare, social choice theory, game theory and information economics. This course is strongly recommended for students considering graduate work in economics. Discussion section required.

Spring 2020: ECON GU4211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4211	001/13683	M W 1:10pm - 2:25pm Room TBA	Susan Elmes	4	19/64

ECON GU4212 Discussion Section Advanced**Microeconomics. 0 points.**

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for lecture course ECON GU4211

Corequisites: MATH UN2500

MATH GU4061

Required discussion section for ECON GU4211 Advanced Microeconomics. The course provides a rigorous introduction to microeconomics. Topics will vary with the instructor but will include consumer theory, producer theory, general equilibrium and welfare, social choice theory, game theory and information economics. This course is strongly recommended for students considering graduate work in economics. Discussion section required.

Spring 2020: ECON GU4212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4212	001/13684			0	5/64

ECON GU4213 Advanced Macroeconomics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Required discussion section ECON GU4214

An introduction to the dynamic models used in the study of modern macroeconomics. Applications of the models will include theoretical issues such as optimal lifetime consumption decisions and policy issues such as inflation targeting. This course is strongly recommended for students considering graduate work in economics.

Fall 2019: ECON GU4213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4213	001/47404	T Th 1:10pm - 2:25pm 516 Hamilton Hall	Irasema Alonso	4	16/54

ECON GU4228 Urban Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Congestion and other games, and the pricing of transit services. Location theory and land rents. Segregation and discrimination. The fiscal structure of American cities. Zoning and the taking issue. Abandonment and city-owned property. Economic development, abatements, subsidies, and eminent domain. Crime, deadweight losses, and the allocation of police services.

ECON GU4230 Economics of New York City. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

This course takes New York as our laboratory. Economics is about individual choice subject to constraints and the ways that choices sum up to something often much more than the parts. The fundamental feature of any city is the combination of those forces that bring people together and those that push them apart. Thus both physical and social space will be central to our discussions. The underlying theoretical and empirical analysis will touch on spatial aspects of urban economics, regional, and even international economics. We will aim to see these features in New York City taken as a whole, as well as in specific neighborhoods of the city. We will match these theoretical and empirical analyses with readings that reflect close observation of specific subjects. The close observation is meant to inspire you to probe deeply into a topic in order that the tools and approaches of economics may illuminate these issues in a fresh way.

Spring 2020: ECON GU4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4230	001/13685	T Th 10:10am - 11:25am Room TBA	Donald Davis	3	86/86

ECON GU4235 HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: ECON UN3211 and ECON UN3213

A survey of some of the major intellectual developments that have created the discipline of economics. Particular attention to the works of Adam Smith, Alfred Marshall, Irving Fisher, and J. M. Keynes.

ECON GU4251 Industrial Organization. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

The study of industrial behavior based on game-theoretic oligopoly models. Topics include pricing models, strategic aspects of business practice, vertical integration, and technological innovation.

Fall 2019: ECON GU4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/47405	M W 11:40am - 12:55pm 717 Hamilton Hall	Ingmar Nyman	3	49/86

Spring 2020: ECON GU4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 4251	001/13686	M W 11:40am - 12:55pm Room TBA	Wouter Vergote	3	64/86
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ECON GU4260 Market Design. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

This course uses modern microeconomic tools for understanding markets for indivisible resources and exploring ways to improve their design in terms of stability, efficiency and incentives. Lessons of market design will be applied to developing internet platforms for intermediating exchanges, for auctions to allocate sponsored search advertising, to allocate property rights such as public lands, radio spectrums, fishing rights, for assigning students to public schools, and for developing efficient kidney exchanges for transplantation.

Spring 2020: ECON GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4260	001/13687	M W 11:40am - 12:55pm Room TBA	Guillaume Haeringer	3	86/86

ECON GU4280 Corporate Finance. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: <http://econ.columbia.edu/registration-information> (<http://econ.columbia.edu/registration-information/>).

Fall 2019: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/47406	M W 11:40am - 12:55pm 5ab Kraft Center	Olivier Darmouni	3	65/75
ECON 4280	002/47407	T Th 4:10pm - 5:25pm 602 Hamilton Hall	Tri Vi Dang	3	81/86

Spring 2020: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/13688	M W 10:10am - 11:25am Room TBA	Wei Jiang	3	9/70
ECON 4280	002/13689	T Th 4:10pm - 5:25pm Room TBA	Tri Vi Dang	3	0/80

ECON GU4301 Economic Growth and Development. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Empirical findings on economic development, theoretical development models; problems of efficient resource allocation in a growing economy; balanced and unbalanced growth in closed

and open economic systems; the role of capital accumulation and innovation in economic growth.

Fall 2019: ECON GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4301	001/47410	M W 8:40am - 9:55am 209 Havemeyer Hall	Xavier Sala-I-Martin	3	93/100

ECON GU4321 Economic Development. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Historical comparative examination of the economic development problems of the less developed countries; the roles of social institutions and human resource development; the functions of urbanization, rural development, and international trade.

Spring 2020: ECON GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4321	001/13690	T Th 8:40am - 9:55am Room TBA	Jack Willis	3	51/67

ECON GU4325 Economic Organization and Development of Japan. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: ECON UN3211 and ECON UN3213

The growth and structural changes of the post-World War II economy; its historical roots; interactions with cultural, social, and political institutions; economic relations with the rest of the world.

Fall 2019: ECON GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4325	001/47411	T Th 8:40am - 9:55am 402 Chandler	Edward Lincoln	3	58/125

ECON GU4370 Political Economy. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 or POLS 4710 for those who declared prior to Spring 2014.

The course studies the interaction between government and markets. The first part discusses market failures and the scope and limits of government intervention, including the use of modified market-type tools (for example, cap-and-trade regulations for pollution). The second part discusses collective decision-making, in particular voting and its properties and pathologies. The final part discusses economic inequality and government's role in addressing it.

Fall 2019: ECON GU4370

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4370	001/47412	T Th 5:40pm - 6:55pm 702 Hamilton Hall	John Marshall	3	51/86

ECON GU4400 Labor Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

The labor force and labor markets, educational and manpower training, unions and collective bargaining, mobility and immobility, sex and race discrimination, unemployment.

ECON GU4412 Advanced Econometrics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Students must register for required discussion section.

The linear regression model will be presented in matrix form and basic asymptotic theory will be introduced. The course will also introduce students to basic time series methods for forecasting and analyzing economic data. Students will be expected to apply the tools to real data.

Fall 2019: ECON GU4412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4412	001/47413	T Th 10:10am - 11:25am 503 Hamilton Hall	Serena Ng	4	18/54

ECON GU4413 Econometrics of Time Series and Forecasting. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Corequisites: MATH UN2010

This course focuses on the application of econometric methods to time series data; such data is common in the testing of macro and financial economics models. It will focus on the application of these methods to data problems in macro and finance.

ECON GU4415 Game Theory. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Introduction to the systematic treatment of game theory and its applications in economic analysis.

Fall 2019: ECON GU4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/47414	M W 8:40am - 9:55am 402 Chandler	Prajit Dutta	3	68/110

Spring 2020: ECON GU4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/13691	T Th 2:40pm - 3:55pm Room TBA	Nima Haghpanah Jahromi	3	77/110

ECON GU4438 Economics of Race in the U.S.. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 ECON GU4400 is strongly recommended.

What differences does race make in the U.S. economy? Why does it make these differences? Are these differences things we should be concerned about? If so, what should be done? The course examines labor markets, housing markets, capital markets, crime, education, and the links among these markets. Both empirical and theoretical contributions are studied.

Fall 2019: ECON GU4438

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4438	001/47415	T Th 2:40pm - 3:55pm 717 Hamilton Hall	Brendan O'Flaherty	3	44/86

ECON GU4465 Public Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Types of market failures and rationales for government intervention in the economy. Benefit-cost analysis and the theory of public goods. Positive and normative aspects of taxation. The U.S. tax structure.

Fall 2019: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/47416	M W 5:40pm - 6:55pm 420 Pupin Laboratories	Timothy Goodspeed	3	29/50

Spring 2020: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/13692	T Th 11:40am - 12:55pm Room TBA	Ceyhun Elgin	3	53/86

ECON GU4480 Gender and Applied Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

This course studies gender gaps, their extent, determinants and consequences. The focus will be on the allocation of rights in different cultures and over time, why women's rights have typically been more limited and why most societies have traditionally favored males in the allocation of resources.

Fall 2019: ECON GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4480	001/47417	M W 5:40pm - 6:55pm 503 Hamilton Hall	Lena Edlund	3	7/54

ECON GU4500 International Trade. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

The theory of international trade, comparative advantage and the factor endowments explanation of trade, analysis of the theory and practice of commercial policy, economic integration. International mobility of capital and labor; the North-South debate.

Fall 2019: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/47418	T Th 8:40am - 9:55am 702 Hamilton Hall	Reka Juhasz	3	64/86

Spring 2020: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/13693	T Th 8:40am - 9:55am Room TBA	Reka Juhasz	3	67/86

ECON GU4505 International Macroeconomics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Introduction to monetary problems in international trade. Topics include macroeconomics of the open economy under fixed and flexible exchange rates, international adjustment under the gold standard, monetary problems of the interwar period, the Breton Woods agreement, transition to flexible exchange rates, planned reforms of the international monetary system and the Eurocurrency markets.

Spring 2020: ECON GU4505

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4505	001/13694	M W 8:40am - 9:55am Room TBA	Martin Uribe	3	37/86

ECON GU4526 Transition Reforms, Globalization and Financial Crisis. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *ECON UN3211* and *UN3213*.

Covers reform issues in transition economies such as price liberalization, currency reform, asset privatization, macroeconomic stabilization, trade liberalization and exchange rate policies, and foreign resource flows with suitable examples from the experience of the transition economies of Russia, the post-Soviet states, East-central Europe, China and Vietnam.

ECON GU4615 Law and Economics. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *ECON UN3211* and *UN3213*.

The course is intended to provide an economic framework for understanding the law and legal institutions. Topics covered include property law, contract theory and torts.

ECON GU4625 Economics of the Environment. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *ECON UN3211* and *UN3213*.

Microeconomics is used to study who has an incentive to protect the environment. Government's possible and actual role in protecting the environment is explored. How do technological change, economic development, and free trade affect the environment? Emphasis on hypothesis testing and quantitative analysis of real-world policy issues.

ECON GU4700 Financial Crises. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

This course uses economic theory and empirical evidence to study the causes of financial crises and the effectiveness of policy responses to these crises. Particular attention will be given to some of the major economic and financial crises in the past century and to the crisis that began in August 2007.

ECON GU4710 Finance and the Real Economy. 3 points.

Prerequisites: (Econ UN3211) and (ECON UN3213) and (STAT UN1201)

This course uses economic theory and empirical evidence to study the links between financial markets and the real economy. We will consider questions such as: What is the welfare role of finance? How do financial markets affect consumers and firms? How do shocks to the financial system transmit to the real economy? How do financial markets impact inequality?

Spring 2020: ECON GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4710	001/13695	M W 6:10pm - 7:25pm Room TBA	Matthieu Gomez	3	63/86

ECON GU4750 Globalization and Its Risks. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

The world is being transformed by dramatic increases in flows of people, goods and services across nations. Globalization has the potential for enormous gains but is also associated to serious risks. The gains are related to international commerce where the industrial countries dominate, while the risks involve the global environment, poverty and the satisfaction of basic needs that affect in great measure the developing nations. Both are linked to a historical division of the world into the North and the South-the industrial and the developing nations. Key to future evolution are (1) the creation of new markets that trade privately produced public goods, such as knowledge and greenhouse gas emissions, as in the Kyoto Protocol; (2) the updating of the Breton Woods Institutions, including the creation of a Knowledge Bank and an International Bank for Environmental Settlements.

ECON GU4840 Behavioral Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Within economics, the standard model of behavior is that of a perfectly rational, self interested utility maximizer with unlimited cognitive resources. In many cases, this provides a good approximation to the types of behavior that economists are interested in. However, over the past 30 years, experimental and behavioral economists have documented ways in which the standard model is not just wrong, but is wrong in ways that are important for economic outcomes. Understanding these behaviors, and their implications, is one of the most exciting areas of current economic inquiry. The aim of this course is to provide a grounding in the main areas of study within behavioral economics, including temptation and self control, fairness and reciprocity, reference dependence, bounded rationality and choice under risk and uncertainty. For each area we will study three things: 1. The evidence that indicates that the standard economic model is missing some important behavior 2. The models that have been developed to capture these behaviors 3. Applications of these models to (for example) finance, labor and development economics As well as the standard lectures, homework assignments, exams and so on, you will be asked to participate in economic experiments, the data from which will be used to illustrate some of the principals in the course. There will also be a certain small degree of classroom 'flipping', with a portion of many lectures given over to group problem solving. Finally, an integral part of the course will be a research

proposal that you must complete by the end of the course, outlining a novel piece of research that you would be interested in doing.

Spring 2020: ECON GU4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4840	001/13696	M W 10:10am - 11:25am Room TBA	Mark Dean	3	86/86

ECON GU4850 Cognitive Mechanisms and Economic Behavior. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Standard economic theory seeks to explain human behavior (especially in "economic" settings, such as markets) in terms of rational choice, which means that the choices that are made can be predicted on the basis of what would best serve some coherent objective, under an objectively correct understanding of the predictable consequences of alternative actions. Observed behavior often seems difficult to reconcile with a strong form of this theory, even if incentives clearly have some influence on behavior; and the course will discuss empirical evidence (both from laboratory experiments and observations "in the field") for some well-established "anomalies." But beyond simply cataloguing anomalies for the standard theory, the course will consider the extent to which departures from a strong version of rational choice theory can be understood as reflecting cognitive processes that are also evident in other domains such as sensory perception; examples from visual perception will receive particular attention. And in addition to describing what is known about how the underlying mechanisms work (something that is understood in more detail in sensory contexts than in the case of value-based decision making), the course will consider the extent to which such mechanisms --- while "suboptimal" from a normative standpoint that treats perfect knowledge of one's situation as costless and automatic --- might actually represent efficient uses of the limited information and bounded information-processing resources available to actual people (or other organisms). Thus the course will consider both ways in which the realism of economic analysis may be improved by taking into account cognitive processes, and ways in which understanding of cognitive processes might be advanced by considering the "economic" problem of efficient use of limited (cognitive) resources.

Fall 2019: ECON GU4850

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4850	001/47420	M W 10:10am - 11:25am 633 Seeley W. Mudd Building	Michael Woodford	3	25/65

ECON GU4860 Behavioral Finance. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Neoclassical finance theory seeks to explain financial market valuations and fluctuations in terms of investors having rational expectations and being able to trade without costs. Under these

assumptions, markets are efficient in that stocks and other assets are always priced just right. The efficient markets hypothesis (EMH) has had an enormous influence over the past 50 years on the financial industry, from pricing to financial innovations, and on policy makers, from how markets are regulated to how monetary policy is set. But there was very little in prevailing EMH models to suggest the instabilities associated with the Financial Crisis of 2008 and indeed with earlier crises in financial market history. This course seeks to develop a set of tools to build a more robust model of financial markets that can account for a wider range of outcomes. It is based on an ongoing research agenda loosely dubbed "Behavioral Finance", which seeks to incorporate more realistic assumptions concerning human rationality and market imperfections into finance models. Broadly, we show in this course that limitations of human rationality can lead to bubbles and busts such as the Internet Bubble of the mid-1990s and the Housing Bubble of the mid-2000s; that imperfections of markets --- such as the difficulty of short-selling assets --- can cause financial markets to undergo sudden and unpredictable crashes; and that agency problems or the problems of institutions can create instabilities in the financial system as recently occurred during the 2008 Financial Crisis. These instabilities in turn can have feedback effects to the performance of the real economy in the form of corporate investments.

Spring 2020: ECON GU4860

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4860	001/13697	M W 2:40pm - 3:55pm Room TBA	Harrison Hong	3	50/86

ECON GU4911 Seminar In Microeconomics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Registration information is posted on the department's Seminar Sign-up webpage.

Selected topics in microeconomics. Selected topics will be posted on the department's webpage.

Fall 2019: ECON GU4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	000/47421		Susan Elmes	4	0/800
ECON 4911	001/47422	W 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	16/16
ECON 4911	002/47423	T 12:10pm - 2:00pm 1027 International Affairs Bldg	Neal Masia	4	16/16
ECON 4911	003/47424	Th 2:10pm - 4:00pm 1027 International Affairs Bldg	Lena Edlund	4	4/16
ECON 4911	004/47425	T 10:10am - 12:00pm 1027 International Affairs Bldg	Tri Vi Dang	4	16/16
ECON 4911	005/47426	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Prajit Dutta	4	16/16

ECON 4911	006/47427	M 12:10pm - 2:00pm 1027 International Affairs Bldg	Guillaume Haeringer	4	16/16
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Spring 2020: ECON GU4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	000/14039		Susan Elmes	4	136/800
ECON 4911	001/13698	W 12:10pm - 2:00pm Room TBA		4	0/16
ECON 4911	002/13699	W 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	0/16
ECON 4911	003/13700	F 10:10am - 12:00pm 1027 International Affairs Bldg		4	0/16
ECON 4911	004/13701	T 6:10pm - 8:00pm 1027 International Affairs Bldg	Benjamin Ho	4	0/16
ECON 4911	005/13702			4	0/16
ECON 4911	006/13703	W 8:10am - 10:00am 1027 International Affairs Bldg	Donald Davis	4	0/16
ECON 4911	007/13704	T 12:10pm - 2:00pm 1027 International Affairs Bldg	Brendan O'Flaherty	4	0/16

ECON GU4913 Seminar In Macroeconomics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Registration information is posted on the department's Seminar Sign-up webpage.

Selected topics in macroeconomics. Selected topics will be posted on the department's webpage.

Fall 2019: ECON GU4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/47428	W 6:10pm - 8:00pm 1027 International Affairs Bldg	Mathieu Gomez	4	15/16
ECON 4913	002/47429	T 2:10pm - 4:00pm 1027 International Affairs Bldg	Jennifer La'O	4	12/16
ECON 4913	003/47430	T 6:10pm - 8:00pm 1027 International Affairs Bldg	Maxim Pinkovskiy	4	12/16

Spring 2020: ECON GU4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/13705	M 8:10am - 10:00am 1027 International Affairs Bldg	Emilien Gouin-Bonenfant	4	0/16
ECON 4913	002/13706	T 4:10pm - 6:00pm 1027 International Affairs Bldg	Miles Leahey	4	0/16
ECON 4913	003/13707	W 10:10am - 12:00pm 1027 International Affairs Bldg	Joseph Stiglitz, Karla Hoff	4	0/16

ECON 4913	004/13708	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Tamrat Gashaw	4	0/16
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ECON 4913	005/16602	Th 6:10pm - 8:00pm 1027 International Affairs Bldg		4	0/16
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ECON 4913	006/16603	W 6:10pm - 8:00pm 1027 International Affairs Bldg	Maxim Pinkovskiy	4	0/16
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ECON GU4918 Seminar In Econometrics. 4 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and sign-up in the department's office. Registration information is posted on the department's Seminar Sign-up webpage.

Analyzing data in a more in-depth fashion than in *ECON UN3412*. Additional estimation techniques include limited dependent variable and simultaneous equation models. Go to the department's undergraduate *Seminar Description* webpage for a detailed description.

Spring 2020: ECON GU4918

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4918	001/13709	Th 12:10pm - 2:00pm 1027 International Affairs Bldg	Seyhan Erden	4	6/16

ECON GU4996 Research Course. 1-2 points.

May NOT be used as an elective.

Prerequisites: the director of undergraduate studies' permission. Provides students with the experience of participating in the research process by matching them to a faculty mentor who will put them to work on one of his or her current research projects. A list of available research positions is distributed each semester on the major listserv.

Fall 2019: ECON GU4996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/47476		Susan Elmes	1-2	32/50

Spring 2020: ECON GU4996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/13711		Susan Elmes	1-2	0/800

ECON GU4998 Independent Study. 1-4 points.

May NOT be used as an elective.

Prerequisites: the director of undergraduate studies' permission.

Fall 2019: ECON GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4998	001/47477		Susan Elmes	1-4	2/50

Spring 2020: ECON GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 001/13712
4998

Susan Elmes 1-4 0/800

ECON GU4999 Senior Honors Thesis. 6 points.

3 points per semester.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and the director of the departmental honors program's permission. Students must have a minimum GPA of 3.7 in all required major courses, including calculus and statistics, prior to enrollment.

The honors thesis seminar is a year-long course, beginning in the fall semester and ending in the spring semester. Students who have been approved to enter the workshop will be registered for both semesters by the department during the first two weeks of classes; 3 points are earned per semester. This workshop may only be taken by students applying for departmental honors, and it also fulfills the economics seminar requirement for the economics major and all joint majors. Students must see the director during mid-semester registration in the spring to discuss their proposed thesis topic, at which time they will be matched with appropriate faculty who will act as their thesis adviser. Students will meet their adviser over the course of the year at mutually agreed upon times. A rough draft of the thesis will be due during the first week of February in the spring semester, and the final draft will be due three weeks before the last day of classes. Please note that for those joint majors that require two seminars, one in economics and one in the other discipline (i.e., Political Science), the economics senior honors thesis seminar only fulfills the economics seminar requirement.

Fall 2019: ECON GU4999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/47432	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Michael Best	6	9/100

Spring 2020: ECON GU4999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/13713	Th 2:10pm - 4:00pm 1027 International Affairs Bldg	Michael Best	6	0/800

OF RELATED INTEREST

Note: Barnard economic *core* courses

(ECON BC1003, ECON BC1007, ECON BC2411, ECON BC3018, ECON BC3033, ECON BC3035) and *seminars* do not count towards the Columbia economics major and concentration.

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 BC2224	Coding Markets

ECON BC2075 Logic and Limits of Economic Justice

ECON BC3027 Economics of Inequality

ECON BC3010 American Wellbeing

ECON BC3011 Inequality and Poverty

ECON BC3012 Economics of Education

ECON BC3013 Economic History of the United States

ECON BC3014 Entrepreneurship

ECON BC3017 Economics of Business Organization

ECON BC3019 Labor Economics

ECON BC3022 Economic History of Europe

ECON BC3023 Topics in Economic History

ECON BC3024 Migration and Economic Change

ECON UN3025 Financial Economics

ECON BC3026 Economics of the Public Sector

ECON BC3029 Empirical Development Economics

ECON BC3031 Economics of Life

ECON BC3038 International Money and Finance

ECON BC3039 Environmental and Natural Resource Economics

ECON BC3041 Theoretical Foundations of Political Economy

ECON BC3045 Business Cycles

ECON BC3047 International Trade

ECON BC3049 Economic Evaluation of Social Programs

ECON UN3265 The Economics of Money and Banking

ECON BC3270 Topics in Money and Finance

EDUCATION

335-336 Milbank Hall

212-854-7072

Department Assistant: Patricia Argueta

The Barnard Education Program is committed to strengthening public education and addressing issues of equity and social justice, particularly in urban schools. We offer three tracks in Education: Urban Teaching-Elementary/Childhood Education, Urban Teaching-Secondary/Adolescent Education, and Education Studies. In these tracks, students develop a critical lens for looking at the issues facing public schooling and consider ways to promote fair and inclusive policies and practices for all children in our public system. The program is open to all undergraduates at Columbia (BC, SEAS, GS, CC) who are interested in becoming certified teachers, working with young people in human service agencies, or preparing for careers related to education.

Urban Teaching Minors/Special Concentrations: Our goal is to prepare students to become skilled and reflective teachers who can effectively respond to the learning needs of diverse learners, and create supportive and intellectually stimulating classroom

communities. Students learn to create innovative curriculum; gain experience observing, tutoring, and teaching a diverse range of children and young people; develop confidence in their role as teachers who can promote fair and inclusive school practices; and graduate with certification to teach in New York. (Note: we are part of an interstate agreement for reciprocal certification with many other states.)

This program is registered by the New York State Department of Education and accredited by the Association for Advancing Quality in Educator Preparation (AAQEP). These tracks prepare students to obtain a teaching position as a certified teacher upon graduation and/or to pursue graduate studies in education, public policy, sociology, youth studies, and other related fields.

Education Studies Minor/Special Concentration: This track prepares students to pursue graduate studies or positions in public policy, sociology, history, youth studies, philosophy, psychology, and other areas where K-12 education is frequently a focus of coursework and scholarship. Students learn to think deeply and knowledgeably about the manner in which schools socialize as well as educate citizens, and examine how the interests of different stakeholders are privileged or neglected. The courses are linked by a focus on educational inequality and youth studies. This track does not lead to certification.

All three tracks are minors (BC) or special concentrations (CC, GS, SEAS) and are 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.

Student Learning Outcomes

1. Knowledge of Self: Students investigate how educational experiences in and out of school affect their vision for teaching and learning, use that knowledge to reflect upon and critique their practice, and set goals for continuing growth as equitable, multicultural educators.
2. Knowledge of Students: Students understand the importance of getting to know the children and youth in their classrooms; develop specific strategies that aid in understanding students' needs, capacities, interests, funds of knowledge, and social identities; and construct learning experiences that are responsive and relevant to their students.
3. Knowledge of Content: Students develop knowledge and skills to critique the social, political, cultural, and historical forces that construct traditional content knowledge and design academic content that is dynamic, inquiry-based, and encompasses multiple literacies, and cultural perspectives.
4. Knowledge of Pedagogy: Students experience, practice, evaluate, and reflect on a range of constructivist, inclusive, critical, collaborative, and authentic methods for engaging students in learning and in assessing learning outcomes
5. Knowledge of Context: Students investigate the complex ways in which social, political, cultural, and historical forces shape school contexts, including students' opportunities in schools, teacher empowerment, effective leadership, roles of parents

and the community, and patterns of similarity and difference across schools.

The Education Program is accredited by Teacher Education Accreditation Council (TEAC) to recommend students who complete the program for Initial Certification in either Childhood Education (Grades 1-6) or Adolescent Education (Grades 7-12). Graduates of the program are also eligible for membership in the Interstate Certification Agreement, a reciprocal certification among forty-one states. We provide ongoing support to those who teach in the New York City area through our New Teacher Network.

To apply, visit our website (<https://education.barnard.edu/applytotheprogram/>). Students are encouraged to apply for admission by March of the sophomore year but no later than the first Tuesday in September of the junior year. Those who plan to study abroad during junior year should apply by the spring of the freshman year, but no later than the first Tuesday in September of the sophomore year and take the Inclusive Approaches and Multicultural Pedagogy courses in the fall and spring of sophomore year. Admission criteria include good academic standing; evidence of commitment to the field of education; interest in issues of social justice issues as they affect education, particularly in urban schools; and capacity for growth as an intellectually resourceful and reflective teacher. Enrollment is limited.

Professors

Thea Abu El-Haj (Program Director/Chair)
Maria Rivera Maulucci

Senior Lecturer and Certification Officer

Lisa Edstrom

Term Assistant Professors

Erika Kitzmiller
Rachel Throop

Education Advisory Committee

Peter Balsam, Professor of Psychology and Samuel R. Milbank Chair
Lesley Sharp, Barbara Chamberlain & Helen Chamberlain
Josefsberg Professor of Anthropology
Herbert Sloan, Professor Emeritus of History
Kathryn Yatrakis, Professor of Urban Studies and Former Dean of Academic Affairs (Columbia College)

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 26-28 credits as follows:

Requirement A - Educational Foundations For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	Educational Foundations	4
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Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	Science in the City
EDUC BC3052	Math and the City
EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
EDUC BC3058	Science in the City II: Preparing Future Scientists Now

Requirement D - Pedagogical Core

EDUC BC3025	Inclusive Approaches to Teaching Literacy: Theory and Practice	4
EDUC BC3053	Multicultural Elementary Pedagogy	4
EDUC BC3063	Elementary Student Teaching in Urban Schools	6
EDUC BC3064	Critical Inquiry in Urban Teaching	4
EDUC BC3061	Performance Assessment of Teaching	3

Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/urban-teaching/liberal-arts-and-sciences-requirements-certification> (<https://education.barnard.edu/urban-teaching/liberal-arts-and-sciences-requirements-certification/>) for more information.

Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/clinicalexperiences> (<https://education.barnard.edu/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 and Research Seminar: The Barnard Toddler Center, PSYC BC3466

Field Work and Research Seminar: The Barnard Toddler Center). Students with these interests should arrange their schedules accordingly.

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 23-26 credits from the following course of study:

Requirement A - Educational Foundations For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	Educational Foundations	4
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Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC BC3382	Adolescent Psychology
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	Science in the City
EDUC BC3052	Math and the City
EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
EDUC BC3058	Science in the City II: Preparing Future Scientists Now

Requirement D - Pedagogical Core

EDUC BC3025	Inclusive Approaches to Teaching Literacy: Theory and Practice	4
EDUC BC3054	Multicultural Secondary Pedagogy	4
EDUC BC3065	Secondary Student Teaching in Urban Schools	6
EDUC BC3064	Critical Inquiry in Urban Teaching	4
EDUC BC3061	Performance Assessment of Teaching	3

Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/urban-teaching/liberal-arts-and-sciences-requirements-certification> (<https://education.barnard.edu/urban-teaching/liberal-arts-and-sciences-requirements-certification/>) for more information.

Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/clinicalexperiences> (<https://education.barnard.edu/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 field 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 20-24 points of course work, listed below.

The Education Studies track requires a minimum of six courses:

Requirement A - Educational Foundations

EDUC BC1510	Educational Foundations	4
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Requirement B - Educational Foundations Electives

Select two of the following:

EDUC BC3032	Contemporary Issues in Education
EDUC BC3040	Migration, Globalization, and Education
EDUC BC3042	Gender, Sexuality, and Schooling
EDUC BC3044	Education and Social Change in Comparative Global Contexts
EDUC BC3045	Complicating Class: Education and the Limits of Equity
PHIL UN2100	Philosophy of Education
SOCI UN3225	Sociology of Education
SOCI UN3974	Sociology of Schools, Teaching and Learning *
ECON BC3012	Economics of Education
PSYC BC2134	Educational Psychology

Requirement C - Interdisciplinary Elective (formerly Educational Elective) **

Select one course with advanced approval from Education adviser. For a full list of courses that satisfy the Interdisciplinary Elective requirement, see https://education.barnard.edu/education_studies (https://education.barnard.edu/education_studies/). Advanced approval required for courses not listed on the website.

Requirement D - Pedagogical Elective

Select one of the following:

EDUC BC3050	Science in the City
EDUC BC3052	Math and the City
EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
EDUC BC3058	Science in the City II: Preparing Future Scientists Now

Requirement E - Pedagogical Core

EDUC BC3051	Seminar in Urban Education	4
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* Courses offered at Columbia

** Your final project or paper for the Educational Elective course should focus on educational issues and a copy of the project or paper must be submitted to the Education Program office for inclusion in your student file.

REQUIREMENTS FOR THE URBAN TEACHING SPECIALIZATION

Urban Studies majors who wish to pursue certification should apply to the Education Program by the spring of their freshman year. We encourage students to plan carefully if they wish to pursue this option.

Urban Studies majors who have selected Urban Teaching as their area of specialization within the major should complete the following:

Requirement A - Educational Foundations

EDUC BC1510	Educational Foundations	4
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Requirement B - Psychology

Select one of the following:

PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC BC3382	Adolescent Psychology
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Field Studies

Select one of the following:

EDUC BC3050	Science in the City
EDUC BC3052	Math and the City
EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
EDUC BC3058	Science in the City II: Preparing Future Scientists Now
SOCI UN3974	Sociology of Schools, Teaching and Learning *

Requirement D - Pedagogical Core

EDUC BC3025	Inclusive Approaches to Teaching Literacy: Theory and Practice	4
EDUC BC3053 or EDUC BC3054	Multicultural Elementary Pedagogy Multicultural Secondary Pedagogy	4

* Courses offered at Columbia

REQUIREMENTS FOR THE URBAN EDUCATION SPECIALIZATION

Urban Studies majors who have selected Urban Education as their area of specialization within the major should complete the following:

Requirement A - Educational Foundations

EDUC BC1510	Educational Foundations	3
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Requirement B - Educational Electives

Select two of the following:

EDUC BC3032	Contemporary Issues in Education
EDUC BC3040	Migration, Globalization, and Education

EDUC BC3042	Gender, Sexuality, and Schooling
EDUC BC3044	Education and Social Change in Comparative Global Contexts
EDUC BC3045	Complicating Class: Education and the Limits of Equity
PHIL UN2100	Philosophy of Education
SOCI UN3225	Sociology of Education
ECON BC3012	Economics of Education

Requirement C - Field Studies

Select one of the following:

EDUC BC3050	Science in the City
EDUC BC3052	Math and the City
EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
EDUC BC3058	Science in the City II: Preparing Future Scientists Now
SOCI UN3974	Sociology of Schools, Teaching and Learning *

Requirement D - Capstone

EDUC BC3051	Seminar in Urban Education	4
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* Courses offered at Columbia

EDUC BC1510 Educational Foundations. 4 points.

Students are required to attend a discussion section.

Introduction to the psychological, philosophical, sociological, and historical foundations of education as way to understand what education is, how education has become what it is, and to envision what education should be.

Fall 2019: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/07891	T Th 4:10pm - 5:25pm LI001 Milstein Center	Chandler Miranda	4	34/50
EDUC 1510	002/07910	M W 11:40am - 12:55pm LI001 Milstein Center	Erika Kitzmiller	4	41/50

Spring 2020: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/00403	M W 10:10am - 11:25am Room TBA	Erika Kitzmiller	4	45/45
EDUC 1510	002/00404	T Th 10:10am - 11:25am Room TBA	Lisa Edstrom	4	38/45

EDUC BC2045 Colloquium: Current Issues in STEM Education. 1 point.

Required for Barnard NOYCE Scholars.

Prerequisites: enrollment is open to all, including first-year students.

This course introduces students to current topics in mathematics education through the Barnard College STEM Colloquium Series and discussion sessions. Students will explore the sociopolitical contexts in which STEM education takes place, and consider the implication of these contexts for mathematics teaching and learning in light of the topics presented.

EDUC BC2048 Fieldwork in Education. 1 point.

Investigates what it means to teach and what it means to learn in formal or informal urban educational settings. Fieldwork required.

EDUC BC2055 Urban School Practicum. 3 points.

Prerequisites: This course is a prerequisite for Student Teaching; grade of B or better required to continue. Enrollment is limited to students accepted into the Education Program (Urban Teaching or Education Studies). NYCDOE Fingerprinting required.

Corequisites: EDUC BC2052, EDUC BC2062

Consists of weekly class meetings combined with elementary, middle or high school classroom internship (depending on desired certification level). Students observe and apply theoretical principles of pedagogy to teaching and learning. Class meetings provide opportunities to reflect on internship and focus on instructional strategies and classroom management techniques. Meets for two hours per week, plus a minimum of six hours per week in the field.

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Section 001: Elementary Urban Teaching (Corequisite: EDUC BC2052)

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Section 002: Secondary Urban Teaching (Corequisite: EDUC BC2062)

,
Section 003: Education Studies (no corequisite courses).

EDUC BC3025 Inclusive Approaches to Teaching Literacy: Theory and Practice. 4 points.

This seminar engages students in an exploration of how schools prepare students to be literate across multiple subject areas. Engaging students with theory and practice, we will look at how students learn to read and write, considering approaches for literacy instruction from early childhood through adolescence. Understanding that schools are required to meet the needs of diverse learners, we will explore literacy instruction for K-12 students with special needs, multilingual learners, and students from diverse cultural backgrounds.

Fall 2019: EDUC BC3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3025	001/07894	T 8:40am - 11:30am 306 Milbank Hall	Lisa Edstrom	4	9/16

EDUC BC3032 Contemporary Issues in Education. 4 points.

Prerequisites: the instructor's permission. Course enrollment will be determined after the first class meeting; application is available on CourseWorks., Open to all students; preference given to Urban Teaching, Education Studies and Urban Studies students.

Contemporary Issues in Education is an introduction to the range of intellectual dilemmas that are a part of American schooling through the illumination of the various social, philosophical, economic, and institutional forces that shape the learning environment. The topics serve to promote critical thought of educational dilemmas stemming from issues such as power and authority, the intersection of race, gender, socio-economic inequity, and challenges that confront students such as identity, marginalization and resiliency. This course is open to all students interested in investigating one's best "fit" in the education realm, which may include classroom teaching, educational policy, reform, and NGO-based involvement.

EDUC BC3040 Migration, Globalization, and Education. 4 points.

Globalization and mass migration are reconfiguring the modern world and reshaping the contours of nation-states. New technologies that facilitate the movement of information, goods, and people across borders have made it easier for people to remain culturally, politically, economically and socially connected to the places from which they migrated. This seminar focuses on the experiences of the youngest members of these global migration patterns—children and youth—and asks: What do these global flows mean for educating young people to be members of the multiple communities to which they belong?

Spring 2020: EDUC BC3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3040	001/00407	T 12:10pm - 2:00pm Room TBA	Chandler Miranda	4	22/22

EDUC BC3042 Gender, Sexuality, and Schooling. 4 points.

Broadly, this course explores the relationship between gender, sexuality, and schooling across national contexts. We begin by considering theoretical perspectives, exploring the ways in which gender and sexuality have been studied and understood in the interdisciplinary field of education. Next, we consider the ways in which the subjective experience of gender and sexuality in schools is often overlooked or inadequately theorized. Exploring the ways that race, class, citizenship, religion and other categories of identity intersect with gender and sexuality, we give primacy to the contention that subjectivity is historically complex, and does not adhere to the analytically distinct identity categories we might try to impose on it.

Spring 2020: EDUC BC3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3042	001/00408	Th 12:10pm - 2:00pm Room TBA	Rachel Throop	4	24/22

EDUC BC3044 Education and Social Change in Comparative Global Contexts. 4 points.

This course will examine the relationship between education and social change in different regions of the world, with a focus

on vulnerable populations (e.g., indigenous groups, street and working children, immigrants, women and girls; refugees).

Fall 2019: EDUC BC3044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3044	001/07907	T 4:10pm - 6:00pm LI017 Milstein Center	Thea Abu El-Haj	4	24/28

EDUC BC3045 Complicating Class: Education and the Limits of Equity. 4 points.

In this course, we start from the premise that a failure to understand what social class is and how social class matters in daily life stops us from having conversations about the possibilities and limitations of schooling and, as such, prevents us from doing what we can to improve the schooling experiences of poor and working-class students. Throughout the semester, we will work to “complicate class”, reconsidering what class is, why class matters, and how we can best think about the relationship between social class and schooling. You will develop a language for talking about class, considering the affordances and constraints of various conceptions of class. You will also leave with critical questions about the possibilities and limitations of relying on schools as a solution to social problems. Recognizing restraints, we will conclude by reflecting on how we might work toward creating more equitable learning environments for poor and working-class students.

Fall 2019: EDUC BC3045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3045	001/07908	Th 12:10pm - 2:00pm LI017 Milstein Center	Rachel Throop	4	22/22

EDUC BC3050 Science in the City. 4 points.

Prerequisites: the instructor's permission.

In partnership with the American Museum of Natural History students investigate science, science pedagogical methods, and ways to use New York City as a resource for science teaching and learning. Sessions will be held at Barnard and the museum. Field trips and fieldwork required. Non-science majors pre-service elementary students and first year students, welcome. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective.

Spring 2020: EDUC BC3050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3050	001/00409	M 1:10pm - 4:00pm Room TBA	Maria Rivera Maulucci	4	20/20

EDUC BC3051 Seminar in Urban Education. 4 points.

This seminar serves as the capstone course for students pursuing the Education Studies minor/special concentration or the Urban Studies major/concentration with an Urban Education Specialization.

The Seminar in Urban Education explores the historical, political and socio-cultural dynamics of urban education in the U.S. context. Over time, a range of social actors have intervened in the “problem” of urban education, attempting to reshape and reform urban schools. Others have disputed this “problem” focused approach, arguing that policy makers, teachers, and researchers should start from the strengths and capacities located in urban communities. Despite decades of wide ranging reform efforts, however, many urban schools still fail to provide their students with an adequate, equitable education. Seminar in Urban Education investigates this paradox by pursuing three central course questions: 1) How have various social actors tried to achieve equity in urban schools over time? 2) What are the range and variation of assets and challenges found in urban schools? and 3) Considering this history and context, what would effective reform in a global city like NYC look like? Students will engage these questions not only through course readings and seminar discussions, but through a 40-hour field placement in a New York City public school classroom, extra-curricular program, or other education based site.

Fall 2019: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/07893	M 2:10pm - 5:00pm LI017 Milstein Center	Rachel Throop	4	9/16

Spring 2020: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/00410	Th 3:00pm - 6:00pm Room TBA	Rachel Throop	4	8/20

EDUC BC3052 Math and the City. 4 points.

Prerequisites: the instructor's permission.

In partnership with NYC public school teachers, students will have opportunities to engage in mathematical learning, lesson study, curriculum development, and implementation, with a focus on using the City as a resource. Students will explore implications for working with diverse populations. Non-math majors, pre-service elementary students and first-year students welcome. Fieldwork and field trips required. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective.

EDUC BC3053 Multicultural Elementary Pedagogy. 4 points.

This seminar will engage prospective teachers in developing effective strategies for teaching at the elementary school level in ways that draw upon five specific domains of knowledge: knowledge of self, content, pedagogy, context and students. Students will be introduced to a variety of teaching approaches and develop ways to adapt them to teach various subjects to students in urban public school settings, understanding the intellectual, social and emotional needs of elementary school students. Students will learn to write lesson plans, develop assessments and practice teaching in “microteaching” sessions taught to peers. We will explore state standards, approaches to classroom management, and Universal Design for Learning as

we develop approaches to create caring, democratic learning communities.

Spring 2020: EDUC BC3053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3053	001/00411	W 2:10pm - 5:00pm Room TBA	Rachel Throop	4	0/15

EDUC BC3054 Multicultural Secondary Pedagogy. 4 points.

What does it mean to be an excellent teacher? The Seminar in Secondary Multicultural Pedagogy will engage this question as you work to develop methods for teaching your subject(s) in ways that draw upon five specific domains of knowledge: knowledge of self, content, pedagogical methods, context, and students. You will be introduced to a variety of multicultural teaching approaches and develop ways to adapt them to your particular subject area and to the intellectual, social, and emotional needs of adolescent learners. Throughout the course, we will consider how to effectively differentiate instruction for and support ELL students and students with special needs. Seminar sessions will include discussions, presentations of lessons, group activities, and problem-solving issues teachers encounter in the classroom. We will explore culturally responsive approaches to: learning; learning standards; instruction and assessment; creating caring, democratic learning communities; selecting curriculum content, and engaging all students in learning. Assignments will ask you to reflect on the teaching/learning process in general, and on the particulars of teaching your academic discipline. We will accomplish this through lesson planning, practice teaching two mini-lessons, observing your peers teaching and offering feedback, and exploring stances and strategies for multicultural pedagogy in your content area.

Spring 2020: EDUC BC3054

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3054	001/00412	W 2:10pm - 5:00pm Room TBA	Rachel Throop	4	5/10

EDUC BC3055 Arts and Humanities in the City: Critical Literacy and Digital Storytelling. 4 points.

Using the theme of "Arts and Humanities in the City", this seminar will build participants' knowledge of critical literacy, digital storytelling methods, and ways to use New York City as a resource for teaching the Arts (Dance, Theatre, Music, and Visual Arts), Social Studies, and English Language Arts in grades K-12. Critical literacy is an approach to teaching and learning that focuses on developing students' abilities to read, analyze, understand, question, and critique hidden perspectives and socially-constructed power relations embedded in what it means to be literate in a content area.

Fall 2019: EDUC BC3055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3055	001/07909	M 4:10pm - 7:00pm LI018 Milstein Center	Erika Kitzmiller	4	16/16

Spring 2020: EDUC BC3055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3055	001/00413	W 2:10pm - 5:00pm Room TBA	Maria Rivera Maulucci	4	16/20

EDUC BC3058 Science in the City II: Preparing Future Scientists Now. 4 points.

Prerequisites: the instructor's permission. Open to Non-science majors, pre-service elementary students, and first-year students. Students investigate the science of learning, the Next Generation Science Standards, scientific inquiry and engineering design practices, and strategies to include families in fostering student achievement and persistence in science. Fieldwork required. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective.

Fall 2019: EDUC BC3058

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3058	001/00122	Th 12:10pm - 2:00pm 306 Milbank Hall	Althea Hoard	4	6/20

EDUC BC3061 Performance Assessment of Teaching. 3 points.

Open to Urban Teaching students in the Education Program.

Spring 2020: EDUC BC3061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3061	001/00690	W 2:40pm - 4:30pm Room TBA	Lisa Edstrom	3	7/9

EDUC BC3063 Elementary Student Teaching in Urban Schools. 6 points.

Prerequisites: completion of *EDUC BC2052* or *EDUC BC2062* and *EDUC BC2055*, with grades of B or better. NYCDOE Fingerprinting.

Corequisites: EDUC BC3064. Enrollment limited.

Supervised student teaching in elementary schools includes creating lesson plans, involving students in active learning, using cooperative methods, developmentally appropriate assessment, and meeting the needs of diverse learners in urban schools. Teaching skills developed through weekly individual and/or group supervision meetings (to be scheduled at the beginning of the semester), conferences, and portfolio design. Requires 100 hours of teaching at two different grade levels, **full-time for one semester**. Note: Students are only permitted to leave their student teaching placements early twice a week, once for EDUC BC3064 and one other day for one additional course having a start time of 2 pm or later. Students are only permitted to take one additional course while enrolled in *EDUC BC3063* and *EDUC BC3064*.

Fall 2019: EDUC BC3063

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3063	001/07896	W 2:10pm - 4:00pm 227 Milbank Hall	Lisa Edstrom	6	5/5

EDUC BC3064 Critical Inquiry in Urban Teaching. 4 points.

Corequisites: *EDUC BC3063* or *EDUC BC3065*. Enrollment limited to student teachers enrolled in the Education Program. Designed to help student teachers develop as reflective practitioners who can think critically about issues facing urban schools, particularly how race, class and gender influence schooling; and to examine the challenges and possibilities for providing intellectually engaging, meaningful curriculum to all students in urban classrooms.

Fall 2019: EDUC BC3064

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3064	001/07890	W 4:10pm - 6:30pm 318 Milbank Hall	Thea Abu El-Haj	4	8/10

EDUC BC3065 Secondary Student Teaching in Urban Schools. 6 points.

Prerequisites: Completion of *EDUC BC2052* or *EDUC BC2062* and *EDUC BC2055*, with grades of B or better. NYCDOE Fingerprinting required.

Corequisites: *EDUC BC3064*. Enrollment limited.

Supervised student teaching in secondary schools includes creating lesson plans, involving students in active learning, using cooperative methods, developmentally appropriate assessment, and meeting the needs of diverse learners in urban schools. Teaching skills developed through weekly individual and/or group supervision meetings (to be scheduled at the beginning of the semester), conferences, and portfolio design. Requires 100 hours of teaching at two different grade levels, **full-time for one semester**. Note: Students are only permitted to leave their student teaching placements early twice a week, once for *EDUC BC3064* and one other day for one additional course having a start time of 2 pm or later. Students are only permitted to take one additional course while enrolled in *EDUC BC3064* and *EDUC BC3065*.

Fall 2019: EDUC BC3065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3065	001/07897	W 2:10pm - 4:00pm 318 Milbank Hall	Lisa Edstrom	6	3/5

EDUC BC3250 EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY. 4 points.

The rise in political polarization and social inequality over the past few decades has challenged the ideals that public schools were founded on nearly two centuries ago. In the past few years, we have witnessed a surge in homophobic, racist, misogynist, and xenophobic rhetoric in our society and our schools. At the same time, teachers in classrooms across this country have been engaged in the difficult work of challenging oppression and injustice in their schools, communities, and nation. These teachers know that the future of our democracy is at stake. Using a historical and sociological framework, this course examines the past and present conditions that have led to political polarization, escalating inequality, and persistent injustice. It seeks to examine the lineage of racism, sexism, nativism, and imperialism on our nation and its schools and to consider the extent to which these challenges are uniquely American or part of a more global phenomenon.

It offers an introduction to the deep current of American social, political, and economic culture that many argue has produced the challenges that our nation faces today: personal and political gain marred by intolerance, derived from wealth, and rooted in the history of segregation, sexism, and exploitation. Instead of seeing these challenges as separate entities, the course acknowledges the intersectional nature of power and politics. Students will consider how these conditions affect their roles as educators and the lives of the youth and families in their schools and communities. They will leave the course with a deeper appreciation and understanding of the historical and sociological antecedents that have contributed to polarization, inequity, and injustice around the globe.

Spring 2020: EDUC BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3250	001/00684	T 10:10am - 12:00pm Room TBA	Erika Kitzmiller	4	22/22

CROSS-LISTED COURSES**ECON BC3012 Economics of Education. 3 points.**

Prerequisites: *ECON BC3035* and *ECON BC2411* or permission of the instructor.

Analyzes education policies and education markets from an economic perspective. Examines challenges that arise when researchers attempt to identify the causal effects of inputs. Other topics: (1) education as an investment, (2) public school finance, (3) teacher labor markets, (4) testing/accountability programs, (5) school choice programs, and (6) urban public school reforms.

Fall 2019: ECON BC3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3012	001/07825	M W 10:10am - 11:25am LI002 Milstein Center	Randall Reback, Asutosh Nanda	3	78

PHIL UN2100 Philosophy of Education. 3 points.

Drawing on classical and contemporary sources, this course will introduce students to a variety of texts that address the philosophical consideration of education, including its role in the development of the individual and the development of a democratic society. Readings from Plato, Rousseau, Dewey, and others.

Fall 2019: PHIL UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2100	001/09019	M W 10:10am - 11:25am 203 Diana Center	Kyle Driggers	3	11/16

PSYC BC2134 Educational Psychology. 3 points.

Prerequisites: *BC1001* or permission of the instructor.

Through a participative classroom model, the major theories of child and adolescent development and learning fundamental to the educative process are examined. Analysis of applications and implications of psychological knowledge for classroom

teaching through observations and research in elementary and secondary school classes. Examines models of instruction and assessment; motivation, teaching, and learning strategies; and gender, economic, and racial issues.

PSYC BC3382 Adolescent Psychology. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: BC1001 and BC1129 Developmental Psychology or permission of the instructor. Enrollment limited to 20 senior majors. Barnard students receive priority.

Examines adolescent development in theory and reality. Focuses on individual physiological, sexual, cognitive, and affective development and adolescent experiences in their social context of family, peers, school, and community. Critical perspectives of gender, race and ethnicity, sexuality, and "teen culture" explored.

Spring 2020: PSYC BC3382

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3382	001/00072	T 2:10pm - 4:00pm Room TBA	Susan Sacks	4	18/18

URBS UN3310 Race, Space, and Urban Schools. 3 points.

Many people don't think of themselves as having attended segregated schools. And yet, most of us went to schools attended primarily by people who looked very much like us. In fact, schools have become more segregated over the past 30 years, even as the country becomes increasingly multiracial. In this class, we will use public schools as an example to examine the role race plays in shaping urban spaces and institutions. We will begin by unpacking the concept of racialization, or the process by which a person, place, phenomenon, or characteristic becomes associated with a certain race. Then, we will explore the following questions: What are the connections between city schools and their local contexts? What does it mean to be a "neighborhood school"? How do changes in neighborhoods change schools? We will use ethnographies, narrative non-fiction, and educational research to explore these questions from a variety of perspectives. You will apply what you have learned to your own experiences and to current debates over urban policies and public schools. This course will extend your understanding of key anthropological and sociological perspectives on urban inequality in the United States, as well as introduce you to critical theory.

Spring 2020: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	001/00414	M 10:10am - 12:00pm Room TBA	Chandler Miranda	3	39/35

ENGLISH AND COMPARATIVE LITERATURE

Departmental Office: 602 Philosophy; 212-854-3215
<http://www.english.columbia.edu>

Director of Undergraduate Studies: Prof. Molly Murray, 406 Philosophy; 212-854-4016; mpm7@columbia.edu

Departmental Adviser:

Prof. Molly Murray, 406 Philosophy; mpm7@columbia.edu

The program in English fosters the ability to read critically and imaginatively, to appreciate the power of language to shape thought and represent the world, and to be sensitive to the ways in which literature is created and achieves its effects. It has several points of departure, grounding the teaching of critical reading in focused attention to the most significant works of English literature, in the study of the historical and social conditions surrounding literary production and reception, and in theoretical reflection on the process of writing and reading and the nature of the literary work.

The courses the department offers draw on a broad range of methodologies and theoretical approaches, from the formalist to the political to the psychoanalytical (to mention just a few). Ranging from the medieval period to the 21st century, the department teaches major authors alongside popular culture, traditional literary genres alongside verbal forms that cut across media, and canonical British literature alongside postcolonial, global, and trans-Atlantic literatures.

At once recognizing traditional values in the discipline and reflecting its changing shape, the major points to three organizing principles for the study of literature—history, genre, and geography. Requiring students not only to take a wide variety of courses but also to arrange their thinking about literature on these very different grids, the major gives them broad exposure to the study of the past, an understanding of the range of forms that can shape literary meaning, and an encounter with the various geographical landscapes against which literature in English has been produced.

ADVISING

Students are not assigned specific advisers, but rather each year the faculty members serving on the department's Committee on Undergraduate Education (CUE) are designated undergraduate advisers (see above). Upon declaring a major or concentration in English, students should meet with the director of undergraduate studies or a delegated faculty adviser to discuss the program, especially to ensure that students understand the requirements.

Students must fill out a Major Requirements Worksheet early in the semester preceding graduation. The worksheet must be

reviewed by an adviser and submitted to 602 Philosophy before the registration period for the final semester. The worksheet is available in the English Department or on-line at <http://english.columbia.edu/undergraduate/major-requirements> (<http://english.columbia.edu/undergraduate/major-requirements/>). It is this worksheet—**not** the Degree Audit Report (DAR)—that determines eligibility for graduation as an English major or concentrator.

COURSE INFORMATION

Lectures

Generally, lectures are addressed to a broad audience and do not assume previous course work in the area, unless prerequisites are noted in the description. The size of some lectures is limited. Senior majors have preference unless otherwise noted, followed by junior majors, followed by senior and junior non-majors. Students are responsible for checking for any special registration procedures on-line at <http://english.columbia.edu/courses> (<http://english.columbia.edu/courses/>).

Seminars

The department regards seminars as opportunities for students to do advanced undergraduate work in fields in which they have already had some related course experience. With the exception of some *CLEN* classes (in which, as comparative courses, much material is read in translation), students' admission to a seminar presupposes their having taken ENGL UN3001 Literary Texts, Critical Methods. During the three weeks preceding the registration period, students should check <http://english.columbia.edu/courses> (<http://english.columbia.edu/courses/>) for application instructions for individual seminars. Applications to seminars are usually due by the end of the week preceding registration. Students should always assume that the instructor's permission is necessary; those who register without having secured the instructor's permission are not guaranteed admission.

DEPARTMENTAL HONORS

Writing a senior essay is a precondition, though not a guarantee, for the possible granting of departmental honors. After essays are submitted, faculty sponsors deliver a written report on the essay to the department's Committee on Undergraduate Education (CUE), with a grade for the independent study and, if merited, a recommendation for honors. CUE considers all the essays, including sponsor recommendations, reviews students' fall semester grades, and determines which students are to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

THE DEGREE AUDIT REPORTING SYSTEM (DARS)

The DAR is a useful tool for students to monitor their progress toward degree requirements, but it is not an official document for the major or concentration, nor should it replace consultation with departmental advisers. The department's director of

undergraduate studies is the final authority on whether requirements for the major have been met. Furthermore, the DAR may be inaccurate or incomplete for any number of reasons—for example, courses taken elsewhere and approved for credit do not show up on the DAR report as fulfilling a specific requirement.

ONLINE INFORMATION

Other departmental information—faculty office hours, registration instructions, late changes, etc.—is available on the departmental website (<http://www.english.columbia.edu>).

PROFESSORS

James Eli Adams
Rachel Adams
Branka Arsic
Christopher Baswell (Barnard)
Sarah Cole
Julie Crawford
Nicholas Dames
Jenny Davidson
Andrew Delbanco
Kathy Eden
Brent Edwards
Stathis Gourgouris
Farah Jasmine Griffin
Jack Halberstam
Saidiya Hartman
Marianne Hirsch
Jean E. Howard
Sharon Marcus
Edward Mendelson
Frances Negrón-Muntaner
Robert O'Meally
Julie Peters
Ross Posnock
Austin E. Quigley
Bruce Robbins
James Shapiro
Gayatri Chakravorty Spivak (University Professor)
Alan Stewart
Colm Toibin
Gauri Viswanathan
William Worthen (Barnard)
David M. Yerkes

ASSOCIATE PROFESSORS

Denise Cruz
Patricia Dailey
T. Austin Graham
Erik Gray
Matt Hart
Eleanor Johnson
Molly Murray
Joseph Slaughter

Dennis Tenen
Jennifer Wenzel

ASSISTANT PROFESSORS

Joseph Alvarez
Lauren Robertson
Dustin Stewart
Hannah Weaver

LECTURERS

Paul Grimstad
Sue Mendelsohn
Aaron Ritzenberg
Maura Speigel
Nicole B. Wallack

GUIDELINES FOR ALL ENGLISH AND COMPARATIVE LITERATURE MAJORS AND CONCENTRATORS

Declaring a Major in English

Upon declaring a major in English, students should meet with either the director of undergraduate studies or a departmental adviser to discuss the program. Students declaring a major should obtain a Major Requirements Worksheet from 602 Philosophy or on-line (http://english.columbia.edu/files/english/content/ENGLISH%20MAJOR%20WSHEET_0.pdf), which outlines the requirements.

Additional information, including events and deadlines of particular relevance to undergraduates, is provided at <http://english.columbia.edu/undergraduate> (<http://english.columbia.edu/undergraduate/>), the department's undergraduate homepage. The sidebar on this page provides links to pages with details about undergraduate advising, major and concentration requirements, course options and restrictions, registration procedures, the senior essay, and writing prizes, as well as links to downloadable worksheets for the major and concentration and to course distribution requirement lists, past and present. For detailed information about registration procedures, students should consult <http://english.columbia.edu/courses> (<http://english.columbia.edu/courses/>), which explains the requirements and enables students to monitor their own progress.

Newly declared majors should contact the undergraduate assistant in 602 Philosophy Hall and request that their names be added to the department's electronic mailing list for English majors and concentrators. Because important information now routinely is disseminated through e-mail, it is crucial that students be on this list.

Literary Texts, Critical Methods

The introductory course ENGL UN3001 Literary Texts, Critical Methods, together with its companion seminar, ENGL UN3011 Literary Texts, Critical Methods seminar, is required for the English major and concentration. It should be taken by the end

of the sophomore year. Fulfillment of this requirement is a factor in admission to seminars and to some lectures. This once-a-week faculty lecture, accompanied by a seminar led by an advanced graduate student in the department, is intended to introduce students to the study of literature. Students read works from the three major literary modes (lyric, drama, and narrative), drawn from premodern to contemporary literature, and learn interpretative techniques required by these various modes or genres. This course does not fulfill any distribution requirements.

Senior Essay

The senior essay program is an opportunity for students to explore in depth some literary topic of special interest to them, involving extensive background reading and resulting in an essay (8,000–15,000 words) that constitutes a substantial and original critical or scholarly argument. Students submit proposals in September of their senior year, with acceptance contingent upon the quality of the proposal and the student's record in the major. Students who are accepted are assigned a faculty sponsor to supervise the project, from its development during the fall semester to its completion in the spring. It is for the spring semester, not the fall, that students officially register for the course, designated as ENGL UN3999 Senior Essay. Senior essays are due in early April.

Course Options and Restrictions

1. No course at the 1000-level may be counted toward the major.
2. Speech courses may not be counted toward the major.
3. Two writing courses or two upper-level literature courses taught in a foreign language, or one of each, may count toward the major, though neither type of course fulfills any distribution requirement. Writing courses that may be applied toward the major include those offered through Columbia's undergraduate Creative Writing Program and through Barnard College.
4. Comparative literature courses sponsored by the department (designated as **CLEN**) may count toward the major. **Those sponsored by other departments** (e.g. **CLFR** - Comp Lit French, **CPLS** - Comp Lit and Society) **are not counted toward the major without permission of the director of undergraduate studies**. Literature courses taught in English in language departments do not count toward the major.
5. No more than two courses taken during the summer session may be counted toward the major.
6. Courses offered through the Barnard English Department may count toward the major or concentration. Before taking Barnard courses, students should verify with the director of undergraduate studies whether and how such courses may count toward the major.
7. For courses taken abroad or at other American institutions to count toward the major, students must obtain approval of the director of undergraduate studies.

8. To register for more than 42 points (including advanced standing credit) in English and comparative literature, a student majoring in English must obtain permission of the director of undergraduate studies.
9. No more than five courses taken elsewhere may be applied to the major, four to the concentration.
10. One independent study (for at least 3 points) may count toward the major but cannot satisfy any distribution requirements; likewise, the *Senior Essay* may count toward the major but fulfills no requirements. Students **may not count both** an *Independent Study* and the *Senior Essay* toward the major.
11. Courses assigned a grade of D may not be counted toward the major.
12. Only the first course taken to count toward the major can be taken Pass/D/Fail.

MAJOR IN ENGLISH

Please read *Guidelines for all English and Comparative Literature Majors and Concentrators* above.

Ten departmental courses (for a minimum of 30 points) and, in the process, fulfillment of the following requirements. See course information above for details on fulfilling the distribution requirements.

1. ENGL UN3001 Literary Texts, Critical Methods and ENGL UN3011 Literary Texts, Critical Methods seminar
2. **Period distribution:** Three courses primarily dealing with periods before 1800, only one of which may be a course in Shakespeare
3. **Genre distribution:** One course in each of the following three generic categories:
 - Poetry
 - Prose fiction/narrative
 - Drama/film/new media
4. **Geography distribution:** One course in each of the following three geographical categories:
 - British
 - American
 - Comparative/global (comparative literature, postcolonial, global English, trans-Atlantic, diaspora)

Course Distribution Lists are available in the department and on-line at <http://english.columbia.edu/course-distribution-lists> (<http://english.columbia.edu/course-distribution-lists/>) to help students determine which courses fulfill which requirements.

A single course can satisfy more than one distribution requirement. For example, a Shakespeare lecture satisfies three requirements at once: not only does it count as one of the three required pre-1800 courses it also, at the same time, fulfills both a genre and a geography distribution requirement (drama and

British, respectively). Courses not on the distribution list may count toward the major requirements **only** with the permission of the director of undergraduate studies. Two writing courses or upper-level literature courses taught in a foreign language, or one of each, may count toward the ten required courses.

CONCENTRATION IN ENGLISH

Please read *Guidelines for all English and Comparative Literature Majors and Concentrators* above.

Eight departmental courses and, in the process, fulfillment of the following requirements. See course information above for details on fulfilling the distribution requirements.

1. ENGL UN3001 Literary Texts, Critical Methods and ENGL UN3011 Literary Texts, Critical Methods seminar
2. **Period distribution:** Two courses dealing with periods before 1800, only one of which may be a course in Shakespeare
3. **Genre distribution:** Two courses, each chosen from a different genre category (see above)
4. **Geography distribution:** Two courses, each chosen from a different geography category (see above)

See the Course Distribution Lists, available in the department or on-line at <http://english.columbia.edu/course-distribution-lists> (<http://english.columbia.edu/course-distribution-lists/>), to determine which courses fulfill which requirements. All of the restrictions outlined for the English major also apply for the concentration in English.

COMPARATIVE LITERATURE PROGRAM

Students who wish to major in comparative literature should consult the *Comparative Literature and Society* section of this Bulletin.

FALL 2019

INTRODUCTION TO THE MAJOR

ENGL UN3001 Literary Texts, Critical Methods. 4 points.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods.

This course is intended to introduce students to the advanced study of literature. Students will read works from different genres (poetry, drama, and prose fiction), drawn from the medieval period to the present day, learning the different interpretative techniques required by each. The course also introduces students to a variety of critical schools and approaches, with the aim both of familiarizing them with these methodologies in the work of other critics and of encouraging them to make use of different methods in their own critical writing. This course (together with the companion seminar *ENGL UN3011*) is a requirement for the English Major and Concentration. It should be taken as early as

possible in a student's career. Fulfillment of this requirement will be a factor in admission to seminars and to some lectures.

Fall 2019: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/10000	W 6:10pm - 7:25pm 313 Fayerweather	Jenny Davidson	4	68/78

Spring 2020: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/10938	W 6:10pm - 7:25pm Room TBA	Edward Mendelson	4	75/75

ENGL UN3011 Literary Texts, Critical Methods seminar. 0 points.

Prerequisites: Students who register for ENGL UN3011 must also register for ENGL UN3001 Literary Texts, Critical Methods lecture.

This seminar, led by an advanced graduate student in the English doctoral program, accompanies the faculty lecture *ENGL UN3001*. The seminar both elaborates upon the topics taken up in the lecture and introduces other theories and methodologies. It also focuses on training students to integrate the terms, techniques, and critical approaches covered in both parts of the course into their own critical writing, building up from brief close readings to longer research papers.

Fall 2019: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/10001	M 12:10pm - 2:00pm 302 Fayerweather	Ami Yoon	0	15/15
ENGL 3011	002/40454	M 12:10pm - 2:00pm 602 Northwest Corner	Diana Newby	0	13/15
ENGL 3011	003/10002	M 6:10pm - 8:00pm 502 Northwest Corner	Elizabeth McIntosh	0	14/15
ENGL 3011	004/10003	M 6:10pm - 8:00pm 402 Hamilton Hall	Zoe Pollak	0	15/16
ENGL 3011	005/10004	M 12:10pm - 2:00pm 327 Seeley W. Mudd Building	Milan Terlunen	0	10/15

Spring 2020: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/11046	M 6:10pm - 8:00pm Room TBA	Veronica Belafi	0	15/15
ENGL 3011	002/11048	M 6:10pm - 8:00pm Room TBA	Naomi Michalowicz	0	15/15
ENGL 3011	003/11051	M 12:10pm - 2:00pm Room TBA	Anne Potter	0	15/15
ENGL 3011	004/11052	M 12:10pm - 2:00pm Room TBA	Emma Styles-Swaim	0	7/15
ENGL 3011	005/11053	M 12:10pm - 2:00pm Room TBA	Anna Waller	0	3/15

MEDIEVAL

ENGL UN3920 MEDIEVAL ENGLISH TEXTS. 4 points.

Prerequisites: the instructor's permission.

(Seminar). **Application Instructions:** E-mail Professor David Yerkes (dmy1@columbia.edu) with the subject heading "Medieval English Texts." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available.

Fall 2019: ENGL UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3920	001/10007	M 10:10am - 12:00pm 301m Fayerweather	David Yerkes	4	19/18

CLEN GU4015 Vernacular Paleography. 4 points.

This class is designed to introduce graduate students (and some advanced undergraduates) to the paleography of English vernacular manuscripts written during the period ca. 700 -1500, with brief excursions into Latin and into French as it was written on the Continent.

The purpose of the course is fourfold: (1) to teach students how to make informed judgments with regard to the date (and sometimes place) of origin, (2) to provide instruction and practice in the accurate reading and transcription of medieval scripts, (3) to learn and use the basic vocabulary of the description of scripts, and (4) to examine the manuscript book as a product of the changing society that produced it and, thus, as a primary source for the study of that society and its culture.

In order to localize manuscripts in time and place, we also examine aspects of the written page besides the script, such as the material on which it is written, its layout and ruling, the decoration and illustration of the text, the provenance, and binding. We also examine the process of manuscript production itself, whether institutional, commercial, or personal. The history of book production and of decoration and illumination are thus considered part of the study of paleography, as is the history of patronage and that of libraries. Manuscripts are among the most numerous and most reliable surviving witnesses to medieval social and intellectual change, and they will be examined as such.

To become proficient in the study of manuscripts it is necessary to look at manuscripts, as well as to read about them. The more time you are able to spend looking at manuscripts critically, in the manuals and in the Rare Book and Manuscript Library, the greater will be your first-hand experience and hence your reliable knowledge.

Fall 2019: CLEN GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLEN 4015 001/10008	T 10:10am - 12:00pm 403 Barnard Hall	Christopher 4 Baswell	9/12
CLEN 4015 001/10008	Th 10:10am - 12:00pm Chang Rm Butler Library	Christopher 4 Baswell	9/12

ENGL GU4794 Heroes, Lovers, and Visionaries: English Literature to 1500. 3 points.

This course will introduce some of the most fascinating texts of the first eight hundred years of English literature, from the period of Anglo-Saxon rule through the Hundred Years' War and beyond—roughly, 700–1500 CE. We will proceed by exploring the role of some crucial figures in medieval writing: heroes, lovers, and visionaries. These key players relate in complex ways to the major genres of the Middle Ages, such as epic, romance, and spiritual writing; part of our work will be disentangling these relationships. We'll hit on some texts you've heard of – *Beowulf* and selections from Chaucer's *Canterbury Tales* – while leaving time for some you may not have encountered – Marie de France's *Lais* and Margery of Kempe's *Book*. Along the way, we'll also hone skills of reading, writing, and oral expression crucial to appreciating and discussing literature in nuanced, supple ways.

If you take this course, you'll discover how medieval literature is both a mirror and a foil to modern literature. You'll explore the plurilingual and cross-cultural nature of medieval literary production and improve (or acquire!) your knowledge of Middle English. You'll discover sources for famous texts, like *King Lear*, and see the posterity of other famous texts, like the *Aeneid*. Plus, you'll flex your writing muscles with two short textual analyses (2-4 pp.) and one longer research paper (8-10pp).

Fall 2019: ENGL GU4794

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4794	001/13532	T Th 2:40pm - 3:55pm Aud Earl Hall	Hannah Weaver	3	22/36

RENAISSANCE

ENGL UN3335 Shakespeare I. 3 points.

Enrollment is limited to 60.

(Lecture). This course will cover the histories, comedies, tragedies, and poetry of Shakespeare's early career. We will examine the cultural and historical conditions that informed Shakespeare's drama and poetry; in the case of drama, we will also consider the formal constraints and opportunities of the early modern English commercial theater. We will attend to Shakespeare's biography while considering his work in relation to that of his contemporaries. Ultimately, we will aim to situate the production of Shakespeare's early career within the highly collaborative, competitive, and experimental theatrical and literary cultures of late sixteenth-century England.

Fall 2019: ENGL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 3335	001/40443	M W 10:10am - 11:25am Aud Earl Hall	Lauren 3 Robertson	52/74
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ENGL GU4210 Writing Early Modern London. 3 points.

(Lecture) This course explores the literature that represented, was created for, and was inspired by the city of London in the early modern period. It will encourage students to analyze the ways in which literature relates to its geographical, social, cultural, religious and political contexts -- in this case, the very specific contexts provided by a single city in the period from 1500 to 1700. It will cover such topics as London's experience in the Reformation; London's suburban expansion; the Civil War and Restoration; the Great Fire and the subsequent rebuilding; London's government, and relations with the Crown; social issues including immigration, unrest, the place of women, the place of strangers, the plague and prostitution. The course will highlight the importance of London as the hub of print publication, and as the site for the public theatre -- it will therefore deal predominantly with drama but also draw on prose pamphlets, entries, maps, diaries, prospects and poetic mock-will.

ENGL UN3351 SEVENTEENTH CENTURY POETRY (DUNNE, HERBERT, MARVELL). 4 points.

This seminar will center on the close reading of the work of three poets generally deemed exemplary of the English "metaphysical" tradition. The syllabus, accordingly, falls into three sections; we will attend to Donne, Herbert, and Marvell in turn, and each class meeting will focus on a particular set of poems and interpretive questions. These questions will, more often than not, be formal ones - but our collective work will not take place in a post-new-critical vacuum. To that end, each week's reading will include a set of critical or historical supplements, meant to enrich and enliven our understanding of the primary texts under consideration.

CLEN UN3816 Epic Fails and New World Dreams: Narratives and Images of the Encounter 1492-1692. 4 points.

Prerequisites: the instructor's permission.

(Seminar). This course examines how European exposure to Africa and the Americas influenced transatlantic literature from Columbus to Aphra Behn, asking how art and texts from all three continents reflected, responded to, and shaped the contact zones created by early modern expansion. Topics include the creation of geographic identities and selves; visual versus verbal representations of 'savages'; gender and sexuality at home and abroad; old genres and new technologies; utopian communities; travel for pleasure, profit, and pain. Authors include More, Milton, Montaigne, Donne, Guaman Poma, Shakespeare, Sor Juana de la Cruz, & the Basque trans ex-nun, Catalina de Erauso. All texts available in the original and in translation.

Fall 2019: CLEN UN3816

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3816	001/40459	Th 12:10pm - 2:00pm 406 Hamilton Hall	Bianca Calabresi	4	9/18

ENTA UN3340 Environmental crisis on the Shakespearean Stage. 4 points.

Our current environmental crisis has fractured familiar narratives about the relationship between humanity and the natural world. To begin reimagining this relationship, this seminar will turn back the clock to the Renaissance and the birth of the English theater industry, where Shakespeare and his contemporaries were still attempting to understand what counts as “nature” within the confines of the playhouse. We will explore the forest of Arden with its “tongues in trees” and “books in the running brooks” from *As You Like It*, the stormy heath beset by “cataracts and hurricanos” in *King Lear*, and the “wild waters” of the Mediterranean agitated by Prospero in *The Tempest* alongside environments that might not seem immediately “natural” to us today, including the ruins of Catholic cloisters, bloody battlefields, polluted fountains, smoke-spewing hell mouths, and the empty streets of a city wracked by plague. By considering these diverse environments together, this seminar will not only complicate our modern distinction between nature and culture, but it will also trace the many ways that environmental crisis materialized both on and off stage in the early modern period.

To deepen our conversation about premodern environments, this seminar will also engage with current scholarship in ecocriticism – a growing critical field that investigates the representational problems posed by our current environmental crisis. Our course will consider what the settings, conventions and resource management strategies of the early modern stage might have to teach us about the ways we think of, interact with, or use “nature” today. As we make our way through some of the period’s most experimental plays, we will also consider how the theater, due to its generic variety, its embodied form, and its material dependencies, might be uniquely positioned to model living within and reckoning with environmental crisis or change.

Fall 2019: ENTA UN3340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3340	001/10350	M 12:10pm - 2:00pm 601b Fairchild Life Sciences Bldg	Bernadette Myers	4	14/15

18TH AND 19TH CENTURY

ENGL UN3451 Imperialism and Cryptography. 4 points.

Prerequisites: the instructor's permission.

(Seminar). This course focuses on plots of empire in the British novel of the 19th and early 20th centuries. It examines not only how empire was represented but also how the novel form gave visibility to the strategies of empire and also showed the tacit purposes, contradictions, and anxieties of British imperialism. The seminar is structured around the themes of: the culture of secrecy; criminality and detection; insurgency, surveillance, and colonial control; circulation and exchange of commodities; messianism and political violence. Specifically, the course will focus on how the culture of secrecy that accompanied imperial expansion defined the tools of literary imagination in the nineteenth and twentieth centuries. While most studies of culture and imperialism

examine the impact of colonial expansion on the geography of narrative forms, this seminar looks more closely at the language of indirection in English novels and traces metaphors and symbols to imperialism's culture of secrecy. It begins with the simple observation that both colonizers and colonized felt the need to transmit their communications without having their messages intercepted or decoded. Translated into elusive Masonic designs and prophecy (as in *Kim*), codes of collective action (as in *Sign of Four*), or extended dream references (as in *The Moonstone*), the English novel underscores the exchange of information as one of the key activities of British imperialism. Forcing hidden information into the open also affects the ways that colonial ‘otherness’ is defined (as in *The Beetle*). How espionage and detection correlate with impenetrability and interpretation will be one among many themes we will examine in this course. The seminar will supplement courses in the nineteenth-century English novel, imperialism and culture, and race, gender, and empire, as well as provide a broad basis for studies of modernism and symbolism. Readings include Rudyard Kipling, *Kim* and “Short Stories”; Arthur Conan Doyle's *Sign of Four*; Wilkie Collins, *The Moonstone*; Richard Marsh, *The Beetle*; RL Stevenson, *Dr Jekyll and Mr. Hyde*; Rider Haggard, *She*; Haggard, *King Solomon's Mines*; Joseph Conrad, *The Secret Agent*. Course requirements: One oral presentation; two short papers, each 4-5 pages (double-spaced); and a final paper, 7-10 pages (double-spaced). **Application instructions:** E-mail Professor Viswanathan (gv6@columbia.edu) with the subject heading “Imperialism and Cryptography seminar.” In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course.

Fall 2019: ENGL UN3451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3451	001/10009	W 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	12/18

ENGL GU4622 African-American Literature II. 3 points.

(Lecture). This survey of African American literature focuses on language, history, and culture. What are the contours of African American literary history? How do race, gender, class, and sexuality intersect within the politics of African American culture? What can we expect to learn from these literary works? Why does our literature matter to student of social change? This lecture course will attempt to provide answers to these questions, as we begin with Zora Neale Hurston's *Their Eyes Were Watching God* (1937) and Richard Wright's *Native Son* (1940) and end with Melvin Dixon's *Love's Instruments* (1995) with many stops along the way. We will discuss poetry, fiction, drama, and non-fictional prose. Other authors include Ralph Ellison, James Baldwin, Gwendolyn Brooks, Malcolm X, Ntozake Shange, Audre Lorde, and Toni Morrison. There are no prerequisites for this course. The formal assignments are two five-page essays and a final examination. Class participation will be graded.

Spring 2020: ENGL GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/10999	M W 2:40pm - 3:55pm Room TBA	Farah Griffin	3	53/54

CLEN GU4822 19th Century European Novel. 3 points.

The European novel in the era of its cultural dominance.

Key concerns: the modern metropolis (London, Paris, St. Petersburg); the figures of bourgeois narrative (*parvenus*, adulterers, adolescents, consumers) and bourgeois consciousness (nostalgia, *ressentiment*, sentimentalism, ennui); the impact of journalism, science, economics. Authors to be drawn from: Goethe, Stendhal, Balzac, Dickens, Tolstoy, Dostoevsky, Flaubert, Turgenev, Zola.

Fall 2019: CLEN GU4822

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4822	001/40445	T Th 4:10pm - 5:25pm 702 Hamilton Hall	Nicholas Dames	3	63/86
CLEN 4822	R01/18648	W 6:10pm - 7:00pm 308a Lewisohn Hall	Nicholas Dames	3	16/20
CLEN 4822	R03/18651	Th 6:10pm - 7:00pm 327 Seeley W. Mudd Building	Nicholas Dames	3	11/20
CLEN 4822	R04/18652	Th 7:10pm - 8:00pm 337 Seeley W. Mudd Building	Nicholas Dames	3	13/20
CLEN 4822	R05/18653	F 12:10pm - 1:00pm 401 Hamilton Hall	Nicholas Dames	3	9/20

ENGL GU4400 Romanticism. 3 points.

This course is designed as an overview of major texts (in poetry and prose), contexts, and themes in British Romanticism. The movement of Romanticism was born in the ferment of revolution, and developed alongside so many of the familiar features of the modern world—features for which Romanticism provides a vantage point for insight and critique. As we read authors including William Blake, Jane Austen, John Keats, Mary Shelley, and many others, we will situate our discussions around the following key issues: the development of individualism and new formations of community; industrialization and ecology (changes in nature and in the very conception of “nature”); and slavery and abolition.

Fall 2019: ENGL GU4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4400	001/10184	T Th 5:25pm - 6:40pm 407 Mathematics Building	Joseph Albernaz	3	22/34

ENGL UN3398 Odd Women in Victorian England. 4 points.

How do people find freedom within restrictive norms and laws? Victorian England, known for its rigid definitions of femininity, nonetheless produced a remarkable number of female outlaws,

eccentrics, and activists: spinsters, feminists, working women, cross-dressers, women in “female marriages.”

“Odd Women in Victorian England,” an undergraduate seminar, will explore the pains and pleasures of gender non-conformity through the lens of nineteenth-century literary works, historical documents, and foundational texts in gender and sexuality studies. Readings will include the diaries of Anne Lister, a lesbian libertine; a slander case involving accusations of lesbianism at an all-girls school; the diaries of Hannah Munby, a servant whose upper-class lover fetishized her physical strength; the autobiographies of Annie Besant, socialist and birth-control activist, and Mary Seacole, a nurse who traveled the world; and three major works of Victorian fiction: *Aurora Leigh*, a narrative poem by Elizabeth Barrett Browning; *Villette*, a novel by Charlotte Brontë; and *Little Dorrit*, a novel by Charles Dickens. The course will end with a late 20th-century historical novel that draws on several of the works we will read in the course: *Affinity* by Sarah Waters.

Fall 2019: ENGL UN3398

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3398	001/10196	T 6:10pm - 8:00pm 201 80 Claremont	Sharon Marcus	4	17/18

CLEN GU4723 18th C Comparative Novel. 4 points.

This course encompasses a series of readings in the eighteenth-century European novel. Style, narratology, the “rise” of realism and the history of novel criticism will all figure in our discussions; the seminar offers a theoretical rather than a thoroughly historical survey, and should serve as groundwork for considering questions about style and the novel in other periods and national traditions.

Fall 2019: CLEN GU4723

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4723	001/10450	M 2:10pm - 4:00pm 424 Pupin Laboratories	Jenny Davidson	4	17/18

ENGL UN3824 Jane Austen and the Poets. 4 points.

Austen relished contemporary verse as did her readers. Studying her perfectly structured novels together with, for example, William Cowper’s rambling, loco-descriptive, blank-verse meditations on nature and society, or George Crabbe’s biting couplets about miserable village life, shall enrich our appreciation of the atmosphere in which Austen cultivated her sensibility, anticipated the taste and moral tenor of her readers, and exercised artistic control. We will read three of her novels—*Sense and Sensibility*, *Pride and Prejudice*, and *Persuasion*—alongside the poets she and her readers loved and whose poems they enjoyed hearing recited by characters in her novels. Our poets include Johnson, Cowper (her beloved favorite), Crabbe, Smith, Barbauld, Wordsworth, and Coleridge, among others.

Fall 2019: ENGL UN3824

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3824	001/10597	M 4:10pm - 6:00pm 201 80 Claremont	Marianne Giordani	4	11/18

CLRS GU4011 Dostoevsky, Tolstoy, and the English Novel [in English]. 3 points.

A close reading of works by Dostoevsky (*Netochka Nezvanova*; *The Idiot*; "A Gentle Creature") and Tolstoy (*Childhood*, *Boyhood*, *Youth*; "Family Happiness"; *Anna Karenina*; "The Kreutzer Sonata") in conjunction with related English novels (Brontë's *Jane Eyre*, Eliot's *Middlemarch*, Woolf's *Mrs. Dalloway*). No knowledge of Russian is required.

Fall 2019: CLRS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4011	001/53900	M W 10:10am - 11:25am 517 Hamilton Hall	Liza Knapp	3	42/80

ENGL GU4391 Nineteenth-Century Thrillers. 3 points.

This lecture will investigate the ways in which the nineteenth-century novel is shaped by the forces of horror, sensation, suspense and the supernatural. We will ask how the melodramatic imagination, the rhetoric of monstrosity, and the procedures of detection mark high narrative realism with the signs of cultural anxieties building up around nineteenth-century revolution, industrialization, capitalism, bigamy, Catholicism and immigration. Looking at representative samples of the Romantic neo-gothic novel, mid-century ghost stories, the highly popular and controversial sensation novels of the 1860's along with their spectacular iterations on the Victorian stage, we will come away with a deeper and more nuanced understanding of the intersection between the novel and popular entertainment. Readings will include Austen's *Northanger Abbey*, Brontë's *Villette*, Braddon's *Lady Audley's Secret*, Collins's *The Woman in White*, Dickens's *Bleak House*, Stoker's *Dracula*, and plays by Boucicault, Hazelwood, Lewis, and Wood.

Fall 2019: ENGL GU4391

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4391	001/13401	M W 11:40am - 12:55pm 603 Hamilton Hall	Monica Cohen	3	21/54

ENGL GU4506 Post-War American Literature: 1945-1985 . 3 points.

This survey looks at the daring & challenging literary forms that, in concert with contemporaneous new political forms (the non-violent demonstrations in the South in the early 60s) and new modes of painting (the "action painting" of Jackson Pollock and Abstract Expressionism in the mid-50s) put the vulnerabilities of the human body front and center. Toppling classical hierarchies that had long enthroned the mind as sovereign, American writers open up subjectivity to a loss of control, as they suffer, survive and enjoy the risks of contingency, of cross-racial affiliations, of urgent improvisation amidst both the racism and the anonymity of urban life, as they pursue the censored, existential moments of doubt and exhilaration inhabiting the surface triumphalism of the post-war era. Flannery O'Connor, Carson, McCullers, Toni Morrison, Frank O'Hara, Tennessee Williams, Philip Roth, Jack Kerouac, Thomas Pynchon, Don DeLillo, will be some of the authors read .

Fall 2019: ENGL GU4506

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4506	001/13402	M W 2:40pm - 3:55pm 503 Hamilton Hall	Ross Posnock	3	30/54

20TH AND 21ST CENTURY**ENGL UN3725 Auden. 4 points.**

Selected poems, plays, and prose. To apply, please send Prof. Mendelson an e-mail message with the heading "Auden Seminar"; include your name, the year you expect to graduate, the names of any possibly relevant courses that you have taken, and a truthful one-sentence explanation of why you want to join the seminar.

Fall 2019: ENGL UN3725

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3725	001/40449	T 10:10am - 12:00pm 613 Hamilton Hall	Edward Mendelson	4	14/18

CLEN UN3944 The Big Ambitious Novel. 4 points.

Critic James Wood has cast doubt on the accomplishment of those contemporary novelists who have tried to carry what Wood calls the "Dickensian" ambition of 19th-century realism to the higher geographical scale of today's globalized society. This seminar will try to assess both their ambition and their success. Readings by Kazuo Ishiguro, Roberto Bolaño, Elena Ferrante, Karl Ove Knausgaard, and Chimimanda Ngozi Adichie.

This seminar proposes to read 5 works of important recent world fiction that are so long, so ambitious, and in some cases so forbidding that they are difficult to work into an ordinary syllabus. The seminar will give each one 2-3 weeks, thereby permitting students the time both to read them with care and to discuss them in detail.

Fall 2019: CLEN UN3944

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3944	001/40444	T 2:10pm - 4:00pm 418 International Affairs Bldg	Bruce Robbins, Orhan Pamuk	4	16/18

ENGL UN3520 Introduction To Asian American Literature and Culture. 3 points.

This course is a survey of Asian North American literature and its contexts. To focus our discussion, the course centers on examining recurring cycles of love and fear in Asian North American relations from the late nineteenth to the twenty-first centuries. We will first turn to what became known as "yellow peril," one effect of exclusion laws that monitored the entrance of Asians into the United States and Canada during the late nineteenth and twentieth centuries, and the corresponding phenomenon of Orientalism, the fascination with a binary of Asia and the West. The second section of the course will focus on how Asian North American authors respond to later cycles of love and fear, ranging from the forgetting of Japanese internment

in North America and the occupation of the Philippines; to the development of the model minority mythology during the Cold War. The final section will examine intimacies and exclusions in contemporary forms of migration, diaspora, and community communities.

Fall 2019: ENGL UN3520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3520	001/40447	T Th 11:40am - 12:55pm 517 Hamilton Hall	Denise Cruz	3	59/75

JAZZ GU4900 Jazz and the Literary Imagination. 3 points.

(Lecture). This course will focus on the ways that jazz has been a source of inspiration for a variety of twentieth-century literatures, from the blues poetry of the Harlem Renaissance to contemporary fiction. We will consider in detail the ways that writers have discovered or intuited formal models and political implications in black music. Rather than simply assume that influence only travels in one direction, we will also take up some literary efforts (including autobiography, poetry, historiography, and criticism) by musicians themselves. What are the links between musical form and literary innovation? How can terms of musical analysis (improvisation, rhythm, syncopation, harmony) be applied to the medium of writing? How does music suggest modes of social interaction or political potential to be articulated in language? How does one evaluate the performance of a poem (in an oral recitation or musical setting) in relation to its text? Materials may include writings and recordings by Jacques Attali, James Weldon Johnson, Langston Hughes, Louis Armstrong, Zora Neale Hurston, Sterling Brown, Kurt Schwitters, Ralph Ellison, Amiri Baraka, Ella Fitzgerald, William Melvin Kelley, Edward Kamau Brathwaite, Gayl Jones, Michael Ondaatje, Ed Pavlic, Joseph Jarman, Nathaniel Mackey, and Harryette Mullen, among others. Requirements: weekly response papers, a 5-7 pg. midterm paper and a 9-12 pg. final paper.

ENGL UN3791 True Crime: Fact and Feeling. 4 points.

What's true in true crime? Often dismissed as trashy, true crime not only evokes strong emotional responses (revealing truth about social mores), but also has a philosophical dimension in search for truth. Defining true crime as a mode in many media (drama, film, graphic novels, and podcasts), this course explores how true crime expresses affective reactions to crime, and how it crafts narratives to make sense of shocking events. Works discussed include *In Cold Blood*, *OJ: Made in America*, and *Serial*.

Fall 2019: ENGL UN3791

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3791	001/10589	T 6:10pm - 8:00pm 502 Northwest Corner	Julia Simmons	4	14/15

ENGL UN3722 Hollywood's Countercultural Cinema: Movies of the 1970's. 4 points.

You will be asked to watch *a lot* of movies for this course. Some of the films will be assigned primarily to provide background and will receive only glancing attention in class; others (as indicated)

will be the focus of our discussion. Your postings on Courseworks will draw from both categories of assigned films.

ENGL UN3224 British Modernism and Empire. 4 points.

From Conrad's Congo to Forster's Marabar Caves, representations of imperial sites pervade key works of high British literary modernism. Yet this interest in the global reach of British imperialism was not one-sided. Writers from Africa, India, and the Caribbean rigorously engaged with modernist aesthetics and polemics, as collaborators and as fierce resisters. In this course, we will examine the centrality of empire to British modernism by examining the presence of colonial sites and themes in global Anglophone literatures. The course is organized by imperial region, examining literature of and about Africa (including Joseph Conrad and Amos Tutuola), India (including E.M. Forster and Mulk Raj Anand), and the Caribbean (including Jean Rhys and Una Marson). We will also take advantage of the resources available to us through Columbia's Center for Spatial Research. Through hands-on studio time, we will explore digital humanities tools such as open-source mapping software and QGIS. Through these critical methodologies, we will discover innovative avenues for literary study, producing rich analyses grounded in attention to space on multiple scales.

ENTA UN3942 Drama and the American Dream. 4 points.

The best works of all three major dramatists were produced within a twelve-year period (1945- 1956), but each playwright responds quite differently to changes in American society that resulted from the US emergence after WWII as a global Super Power: Tennessee Williams laments the passing of an old order under the glare of modernism; Eugene O'Neill charts the heartbreaks of desire in a greedy, materialistic world; Arthur Miller decries the erosion of moral responsibility under the reign of rampant capitalism. Collectively they dramatize irreconcilable conflicts between society, family, and individual interests that still resonate with many of our hopes and dreams and fears today.

Fall 2019: ENTA UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3942	001/16206	T 12:10pm - 2:00pm 317 Hamilton Hall	Zander Brietzke	4	10/18

ENTA UN3783 US Theatre in the 21st Century. 4 points.

In this seminar, we will read and view plays that tell new stories—some that took Broadway by storm and others that had only a brief life onstage. We will ask how a moment of unprecedented diversity in US playwriting responds to earlier eras of theater, what it suggests for the future, and what it leaves us still wanting. Can playwrights still experiment with new forms—and can audiences still be surprised or shocked by theater? How does the US history of settler colonialism, slavery, and changing immigration policies show up in playwriting today? Who is represented onstage, who is pulling the creative strings behind the scenes, and who is doing the work of getting the show on its feet every night? We will encounter some of the most innovative American playwrights and performers of the 21st century—including Suzan-Lori Parks, Annie Baker, Taylor Mac, Branden Jacobs-Jenkins, and Peggy

Shaw—through play texts, videos of performances, and one class trip to see a new play together. This course is open to English and Theater majors, as well as non-majors with an interest in theater. Email Danielle at atdnd2118@columbia.edu with your name, year, major, and a brief paragraph about your favorite play to apply.

Fall 2019: ENTA UN3783

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3783	001/10599	W 12:10pm - 2:00pm 337 Seeley W. Mudd Building	Danielle Drees	4	10/15

CLEN GU4739 World Poems. 3 points.

This is a course on 20th- and 21st-century world poetry—poetry in dialogue with literature from other cultures, or poetry that reflects on experiences of coming into contact with other cultures. Our main focus will be long poems and poem cycles written in the wake of imperial incursions and diasporic resettlements. Some of these poems have engrossing plots and rounded characters, such as a novel in verse about yuppies in San Francisco. Others complicate narrative development in favor of more cyclical or disjunctive effects, such as a postcolonial epic inspired by the *Odyssey*, or a poem cycle that fractures and transforms legal language on the Zong, an 18th-century slave ship whose captain tried to maximize his company's profits by throwing 150 Africans overboard to their deaths. We will examine the rich array of lyric, narrative, and dramatic forms that poets have developed over the last century to evoke the many kinds of crossings—cultural and textual, personal and communal, voluntary and forced—peculiar to our globalizing age.

We will read long poems by Aimé Césaire, Kamau Brathwaite, Derek Walcott, Michael Ondaatje, M. NourbeSe Philip, and Vikram Seth, with additional short poems, essays, and excerpts by St.-John Perse, T. S. Eliot, Elizabeth Bishop, Édouard Glissant, Louise Glück, Patrick Chamoiseau, Khal Torabully, and Immanuel Mifsud.

Fall 2019: CLEN GU4739

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4739	001/10600	M W 1:10pm - 2:25pm 304 Hamilton Hall	Mara de Gennaro	3	17/35

ENGL GU4669 Hollywood's Countercultural Cinema: Movies of the 1970s. 4 points.

You will be asked to watch *a lot* of movies for this course. Some of the films will be assigned primarily to provide background and will receive only glancing attention in class; others (as indicated) will be the focus of our discussion. Your postings on Courseworks will draw from both categories of assigned films.

Fall 2019: ENGL GU4669

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4669	001/10645	W 4:10pm - 6:00pm	Maura Spiegel	4	21/26

201a Philosophy Hall

CLRS GU4037 Poets, Rebels, Exiles: 100 Years of Russian and Russian Jews in America. 3 points.

Poets, Rebels, Exiles examines the successive generations of the most provocative and influential Russian and Russian Jewish writers and artists who brought the cataclysm of the Soviet and post-Soviet century to North America. From Joseph Brodsky—the bad boy bard of Soviet Russia and a protégé of Anna Akhmatova, who served 18 months of hard labor near the North Pole for social parasitism before being exiled—to the most recent artistic descendants, this course will interrogate diaspora, memory, and nostalgia in the cultural production of immigrants and exiles.

Fall 2019: CLRS GU4037

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4037	001/13993	Th 4:10pm - 6:00pm 1201 International Affairs Bldg	Anna Katsnelson	3	12/25

SPECIAL TOPICS

ENGL UN3002 Humanities Texts, Critical Skills. 4 points.

This course aims to equip students with critical tools for approaching, reading, and striving with literary and philosophical texts—ancient as well as modern. To this end, we will be working closely with a set of texts that range in date from the 8th/7th c. BCE to the 20th century C, including: Homer, Sophocles, Shakespeare, Dostoevsky, Du Bois, Nabokov and Rankine. Our seminar will operate on the assumption that we cannot know “what” these texts say or “what” their authors mean unless we come to grips with how they say what they say and how they mean what they mean. In pursuit of some answers, we will master the skill of reading quickly but carefully, balancing attention to the literary craft of our texts with scrutiny of their underlying arguments and agendas.

Requires Instructor's permission—please write to Richard Roderick rr3059@columbia.edu to set up a meeting with instructors

Fall 2019: ENGL UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3002	001/13416	T Th 6:10pm - 8:00pm 405a International Affairs Bldg	Eileen Gillooly	4	15/18

ENGL UN3002 Humanities Texts, Critical Skills. 4 points.

This course aims to equip students with critical tools for approaching, reading, and striving with literary and philosophical texts—ancient as well as modern. To this end, we will be working closely with a set of texts that range in date from the 8th/7th c. BCE to the 20th century C, including: Homer, Sophocles, Shakespeare, Dostoevsky, Du Bois, Nabokov and Rankine. Our seminar will operate on the assumption that we cannot know “what” these texts say or “what” their authors mean unless we come to grips with how they say what they say and how they mean what they mean. In pursuit of some answers, we will master

the skill of reading quickly but carefully, balancing attention to the literary craft of our texts with scrutiny of their underlying arguments and agendas.

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Fall 2019: ENGL UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3002	001/13416	T Th 6:10pm - 8:00pm 405a International Affairs Bldg	Eileen Gillooly	4	15/18

ENGL UN3002 Humanities Texts, Critical Skills. 4 points.

This course aims to equip students with critical tools for approaching, reading, and striving with literary and philosophical texts—ancient as well as modern. To this end, we will be working closely with a set of texts that range in date from the 8th/7th c. BCE to the 20th century C, including: Homer, Sophocles, Shakespeare, Dostoevsky, Du Bois, Nabokov and Rankine. Our seminar will operate on the assumption that we cannot know “what” these texts say or “what” their authors mean unless we come to grips with how they say what they say and how they mean what they mean. In pursuit of some answers, we will master the skill of reading quickly but carefully, balancing attention to the literary craft of our texts with scrutiny of their underlying arguments and agendas.

Requires Instructor's permission— please write to Richard Roderick rr3059@columbia.edu to set up a meeting with instructors

Fall 2019: ENGL UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3002	001/13416	T Th 6:10pm - 8:00pm 405a International Affairs Bldg	Eileen Gillooly	4	15/18

ENGL UN3579 Castaways and Containers: Modernity at Sea. 4 points.

In this course, we'll explore the ambitions, challenges, and failures of globalization through the lens of castaway literature, with works spanning from the seventeenth century to the present. In today's postindustrial economies, labor has been outsourced to other parts of the world, and we depend on global shipping networks to supply us with commodities and to relieve us of our massive outputs of waste. Manufactured goods, raw materials, trash, people, and nonhuman species all circulate the globe via container ships and shipping networks that we rarely consider when we purchase something at a local Target. This course moves back and forth between early modernity and the present to consider the wastes generated by global economic circuits. We'll begin by locating the origins of the global capitalist imaginary in texts written by proponents of colonial exploration and expansion. We'll then turn to the transatlantic slave trade and to the archives of the black Atlantic to investigate forms of racialized violence and anticolonial resistance in the history of finance capital in the Atlantic world. Finally, we'll bring our observations to bear on the

forms of globalization that sustain contemporary postindustrial economies: from the containerization of shipping to the uneven environmental harms endured by nonhuman ecosystems and the poor in the global South.

Fall 2019: ENGL UN3579

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3579	001/10321	M 6:10pm - 8:00pm 401 Hamilton Hall	Allison Turner	4	5/18

ENGL UN3637 Poetry and Catastrophe. 4 points.

This seminar begins with a simple paradox: why is it that poetry is inconsequential to our day-to-day lives, but when faced with catastrophe—war, environmental disaster, personal loss—it is so common to turn to poetry? As W.H. Auden wrote in response to the death of W.B. Yeats and in the shadow of a new war, "poetry makes nothing happen," and yet "it survives/ ... / A way of happening, a mouth." Our task will be to understand what Auden meant as well as to explore alternative views of poetry's resources for responding to catastrophe. After a brief introduction to interpreting poetic form, both in single-author works and also in groups of poems from different poets written in response to specific catastrophes (World War I, the Holocaust, and 9/11). We will study works from a variety of schools and movements, mainly British and American, with all readings in English. Some of the poets considered are Wilfred Owen, W.H. Auden, Jorie Graham, T.S. Eliot, Seamus Heaney, Derek Walcott, H.D., and Paul Celan.

Fall 2019: ENGL UN3637

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3637	001/10365	W 10:10am - 12:00pm 304 Hamilton Hall	Jeremy Stevens	4	9/18

ENTA UN3701 Drama, Theatre, Theory. 4 points.

Prerequisites: Instructor's permission.

(Seminar). Theatre typically exceeds the claims of theory. What does this tell us about both theatre and theory? We will consider why theatre practitioners often provide the most influential theoretical perspectives, how the drama inquires into (among other things) the possibilities of theatre, and the various ways in which the social, spiritual, performative, political, and aesthetic elements of drama and theatre interact. Two papers, weekly responses, and a class presentation are required. Readings include Aristotle, Artaud, Bharata, Boal, Brecht, Brook, Castelvetro, Craig, Genet, Grotowski, Ibsen, Littlewood, Marlowe, Parks, Schechner, Shakespeare, Sowerby, Weiss, and Zeami. **Application Instructions:** E-mail Professor Austin Quigley (aeq1@columbia.edu) with the subject heading "Drama, Theatre, Theory seminar." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available.

Fall 2019: ENTA UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3701	001/40452	W 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Austin Quigley	4	13/18

ENGL UN3891 Introduction to Classical Rhetoric: The Ancients and Their Modern Echoes. 4 points.

Prerequisites: the instructor's permission.

(Seminar). This course examines rhetorical theory from its roots in ancient Greece and Rome and reanimates the great debates about language that emerged in times of national expansion and cultural upheaval. We will situate the texts of Plato, Isocrates, Aristotle, Cicero, Quintilian, and others in their historical contexts to illuminate ongoing conversations about the role of words and images in the negotiation of persuasion, meaning making, and the formation of the public. In the process, we will discover that the arguments of classical rhetoric play out all around us today. Readings from thinkers like Judith Butler, Richard McKeon, Robert Pirsig, and Bruno Latour echo the ancients in their debates about hate speech regulation, the purpose of higher education, and the ability of the sciences to arrive at truth. We will discover that rhetoricians who are writing during eras of unprecedented expansion of democracies, colonization, and empire have a great deal to say about the workings of language in our globalizing, digitizing age. **Application instructions:** E-mail Professor Sue Mendelsohn (sem2181@columbia.edu) by April 11 with the subject heading "Rhetoric seminar". In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available.

Fall 2019: ENGL UN3891

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3891	001/10453	M 2:10pm - 4:00pm 224 Pupin Laboratories	Susan Mendelsohn	4	6/18

ENGL GU4636 Science Fiction. 3 points.

What is the relation between literature and science? Is fiction a form of knowledge, and if so how is it different from the knowledge arrived at in the natural sciences? What is the role of the "thought experiment" in scientific and literary writing? Are novels or stories thought experiments? The course will explore such questions through a focus on science-fiction as a genre, broadly construed. In addition to reflection on what is meant by "genre," we will consider how science and the scientist are represented in works of fiction, the idea of time travel, artificial intelligence, and imagining different kinds of dystopia. Students write essays making claims and using evidence from works on the syllabus, with emphasis on writing clear prose in support of an original argument. Writers and filmmakers may include Mary Shelley, H.G. Wells, Phillip K. Dick, Edgar Allan Poe, William Gibson, Isaac Asimov, Stanley Kubrick, Jorge Luis

Borges, Samuel Delany, Stanislaw Lem, Susan Sontag, William S. Burroughs, Margaret Atwood, H.P. Lovecraft, Kurt Vonnegut, Saul Bellow, Octavia Butler, Nathaniel Hawthorne, Alan Turing, Rivka Galchen, Jonathan Lethem, Steven Spielberg and television shows like *Black Mirror* and the *Twilight Zone*.

Fall 2019: ENGL GU4636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4636	001/10454	T Th 4:10pm - 5:25pm 503 Hamilton Hall	Paul Grimstad	3	55/60

ENGL GU4637 Literature and Health Humanities. 3 points.

Literature and medicine have always been in dialogue: Apollo was the god of physicians and poetry, while some of the greatest writers, such as John Keats and Anton Chekhov, were trained as doctors. In our time, literature and medicine have become ever more entwined in the burgeoning field of "health humanities" that bridges the practices of writer and caregiver.

In this lecture course, we will consider how creative literature enriches our understanding of health and illness by exploring contemporary narratives about health and medicine in a global context. We will read literary writing by physicians in genres such as the short story, the case history, the satirical novel, and the medical memoir. As we move through shifting paradigms in healthcare, we will attend to how prose fiction can excavate and illustrate conflicts in the medical encounter—power struggles between doctors and patients, science and superstition, and cultural contexts—along with the challenges of war and trauma. We will consider, too, how medical fictions create generative space for motifs of alterity—physical disability, aging, cognitive differences, and gender fluidity—in contemporary global literature in English. As we read, we will attend to how the study of literature creates a series of critical methods that can be applied to problems across the health humanities. Writers include Atul Gawande, Oliver Sacks, Paul Kalanithi, Emma Donoghue, Michael Ondaatje, Indra Sinha, Ian McEwan, and Maggie Nelson, among others. **Both literature and pre-med students are invited to enroll.** This lecture will particularly suit students who are interested in literature post-1800, prose fiction, social justice, and the health humanities

Fall 2019: ENGL GU4637

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4637	001/10472	T Th 10:10am - 11:25am 420 Pupin Laboratories	Arden Hegele	3	29/50

CLEN GU4771 The Literary History of Atrocity. 3 points.

Sometime around the publication of Garcia Marquez's classic novel *One Hundred Years of Solitude* in 1967, novelists who wanted to make a claim to ethical and historical seriousness began to include a scene of extreme violence that, like the banana worker massacre in Garcia Marquez, seemed to offer a definitive guide to the moral landscape of the modern world. This course will explore both the modern literature that was inspired by Garcia Marquez's

example and the literature that led up to this extraordinary moment—for example, the literature dealing with the Holocaust, with the dropping of the atomic bomb, with the Japanese invasion of China in the 1930s, and with the Allied bombing of the German cities. It will also ask how extraordinary this moment in fact was, looked at from the perspective of literature as a whole, by inspecting earlier examples of atrocities committed in classical antiquity, in the Crusades, against Native Americans and (in Tolstoy) against the indigenous inhabitants of the Caucasus. Before the concept of the non-combatant had been defined, could there be a concept of the atrocity? Could a culture accuse itself of misconduct toward the members of some other culture? In posing these and related questions, the course offers itself as a major but untold chapter both in world literature and in the moral history of humankind.

Fall 2019: CLEN GU4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4771	001/10205	M W 2:40pm - 3:55pm 603 Hamilton Hall	Bruce Robbins	3	42/60

ENGL GU4793 English Translations of the Bible. 3 points.
English translations of the Bible from Tyndale to the present.

ENGL GU4901 History of the English Language. 3 points.

(Lecture). A survey of the history of the English language from before Old English to 21st Century Modern English, with no background in linguistics required. Grammar, dialectal variety, and social history will be covered to roughly equal extents. Requirements include three examinations, one of them an extended take-home exercise. Lecture format with some discussion depending on the topic.

Fall 2019: ENGL GU4901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4901	001/10670	M W 11:40am - 12:55pm 703 Hamilton Hall	John McWhorter	3	29/75

UNIVERSITY WRITING

ENGL GS1010 University Writing. 3 points.

Prerequisites: Non-native English speakers must reach Level 10 in the American Language Program prior to registering for ENGL GS1010.

University Writing helps undergraduates engage in the conversations that form our intellectual community. By reading and writing about scholarly and popular essays, students learn that writing is a process of continual refinement of ideas. Rather than approaching writing as an innate talent, this course teaches writing as a learned skill. We give special attention to textual analysis, research, and revision practices. University Writing offers the following themed sections, all of which welcome students with no prior experience studying the theme. Students interested in a particular theme should register for the section within the specified range of section numbers. *UW: Contemporary Essays (sections from 001 to 069)*. Features contemporary essays from a

variety of fields. *UW: Readings in American Studies (sections in the 100s)*. Features essays that explore the culture, history, and politics that form American identity. *UW: Readings in Gender and Sexuality (sections in the 200s)*. Features essays that examine relationships among sex, gender, sexuality, race, class, and other forms of identity. *UW: Readings in Film and Performing Arts (sections in the 300s)*. Features essays that analyze a particular artistic medium (music, theater, film, photography...). *UW: Readings in Human Rights (sections in the 400s)*. Features essays that investigate the ethics of belonging to a community and issues of personhood, identity, representation, and action. *UW: Readings in Data Sciences (sections in the 500s)*. Features essays that study how our data-saturated society challenges conceptions of cognition, autonomy, identity, and privacy. *UW: Readings in Medical-Humanities (sections in the 600s)*. Features essays that explore the disciplines of biomedical ethics and medical anthropology, to challenge our basic assumptions about medicine, care, sickness, and health. *University Writing for International Students (sections in the 900s)*. Open only to international students, these sections emphasize the transition to American academic writing cultures through the study of contemporary essays from a variety of fields. For further details about these classes, please visit: <http://www.college.columbia.edu/core/uwp> (<http://www.college.columbia.edu/core/uwp/>).

Fall 2019: ENGL GS1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/13497	T Th 8:40am - 9:55am 201d Philosophy Hall	Matthew Fernandez	3	13/14
ENGL 1010	003/13499	M W 10:10am - 11:25am 652 Schermerhorn Hall	Austin Mantele	3	14/14
ENGL 1010	009/13506	M W 1:10pm - 2:25pm 201d Philosophy Hall	Sarah Ward	3	14/14
ENGL 1010	010/13507	M W 1:10pm - 2:25pm 502 Northwest Corner	Emily Hunt Kivel	3	14/14
ENGL 1010	011/13508	W 1:10pm - 2:25pm 408a Philosophy Hall	Aidan Levy	3	14/14
ENGL 1010	014/13509	M W 2:40pm - 3:55pm 222 Pupin Laboratories	Martin Larson-Xu	3	14/14
ENGL 1010	017/13511	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	023/13514	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Emily Weitzman	3	14/14
ENGL 1010	024/13515	T Th 5:40pm - 6:55pm 402 Hamilton Hall	Brianne Baker	3	12/14

ENGL 1010	113/13516	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Lindsey Cienfuegos	3	13/14	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
						ENGL 1010	001/14377	M W 8:40am - 9:55am Room TBA	Austin Mantele	3	10/14
ENGL 1010	204/13517	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Elizabeth Bowen	3	13/14	ENGL 1010	002/14387	T Th 8:40am - 9:55am Room TBA	Matthew Fernandez	3	11/14
ENGL 1010	219/13518	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Allen Durgin	3	14/14	ENGL 1010	007/14394	M W 11:40am - 12:55pm Room TBA	Patrick Moran	3	13/14
ENGL 1010	307/14062	T Th 11:40am - 12:55pm 201b Philosophy Hall	Alessia Palanti	3	13/14	ENGL 1010	010/14397	M W 1:10pm - 2:25pm Room TBA	Brianne Baker	3	14/14
						ENGL 1010	011/14401	M W 1:10pm - 2:25pm Room TBA	Emily Hunt Kivel	3	10/14
ENGL 1010	322/15296	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Buck Wanner	3	14/14	ENGL 1010	014/14405	T Th 1:10pm - 2:25pm Room TBA	Ilana Gilovich	3	11/14
ENGL 1010	405/13519	M W 11:40am - 12:55pm 201b Philosophy Hall	Rebecca Wisor	3	14/14	ENGL 1010	016/14413	M W 2:40pm - 3:55pm Room TBA	Emily Weitzman	3	6/14
ENGL 1010	420/13520	M W 5:40pm - 6:55pm 201d Philosophy Hall	Taleen Mardirossian	3	13/14	ENGL 1010	018/14419	T Th 2:40pm - 3:55pm Room TBA	Martin Larson-Xu	3	8/14
						ENGL 1010	025/14427	M W 7:10pm - 8:25pm Room TBA	Katherine Bergevin	3	7/14
ENGL 1010	525/13521	M W 7:10pm - 8:25pm 201b Philosophy Hall	Christina McCausland	3	14/14	ENGL 1010	026/14431	T Th 7:10pm - 8:25pm Room TBA	Zoe Pollak	3	5/14
ENGL 1010	608/13522	T Th 11:40am - 12:55pm 201d Philosophy Hall	Anna Waller	3	14/14	ENGL 1010	027/34739	T Th 4:10pm - 5:25pm Room TBA	Jason Ueda	3	2/14
ENGL 1010	609/14066	T Th 11:40am - 12:55pm 408a Philosophy Hall	Kristie Schlauraff	3	12/14	ENGL 1010	112/14638	T Th 1:10pm - 2:25pm Room TBA	Lindsey Cienfuegos	3	8/14
						ENGL 1010	204/14640	T Th 10:10am - 11:25am Room TBA	Elizabeth Bowen	3	12/14
ENGL 1010	701/13523	M W 8:40am - 9:55am 201b Philosophy Hall	Aaron Ritzenberg	3	13/14	ENGL 1010	220/14642	T Th 4:10pm - 5:25pm Room TBA	Allen Durgin	3	11/14
ENGL 1010	706/13524	M W 11:40am - 12:55pm 408a Philosophy Hall	Lauren Horst	3	13/14	ENGL 1010	309/15058	T Th 11:40am - 12:55pm Room TBA	Alessia Palanti	3	9/14
ENGL 1010	715/14063	M W 2:40pm - 3:55pm 106b Lewisohn Hall	Valeria Tsygankova	3	12/14	ENGL 1010	323/14644	T Th 5:40pm - 6:55pm Room TBA	Buck Wanner	3	4/14
ENGL 1010	721/13525	M W 5:40pm - 6:55pm 201b Philosophy Hall	Sumati Dwivedi	3	12/14	ENGL 1010	405/15059	M W 11:40am - 12:55pm Room TBA	Rebecca Wisor	3	14/14
						ENGL 1010	406/14646	M W 11:40am - 12:55pm Room TBA	Shannon Hubbard	3	1/14
ENGL 1010	912/13526	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Vanessa Guida	3	14/14	ENGL 1010	421/14648	M W 5:40pm - 6:55pm Room TBA	Taleen Mardirossian	3	7/14
ENGL 1010	916/13527	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Vanessa Guida	3	13/14	ENGL 1010	519/14649	M W 4:10pm - 5:25pm Room TBA	Christina McCausland	3	14/14
ENGL 1010	926/13528	T Th 7:10pm - 8:25pm 408a Philosophy Hall	Naomi Michalowicz	3	14/14	ENGL 1010	608/15060	T Th 11:40am - 12:55pm Room TBA	Kristie Schlauraff	3	11/14
						ENGL 1010	622/14652	M W 5:40pm - 6:55pm	Li Qi Peh	3	1/14

Spring 2020: ENGL GS1010

ENGL 1010	703/14657	Room TBA M W 10:10am - 11:25am	Sumati Dwivedi	3	14/14
ENGL 1010	715/15061	Room TBA M W 2:40pm - 3:55pm	Valeria Tsygankova	3	8/14
ENGL 1010	913/14658	Room TBA T Th 1:10pm - 2:25pm	Vanessa Guida	3	14/14
ENGL 1010	917/14659	Room TBA T Th 2:40pm - 3:55pm	Vanessa Guida	3	14/14
ENGL 1010	924/14661	Room TBA T Th 5:40pm - 6:55pm	Amber Paulen	3	11/14

ENGL CC1010 University Writing. 3 points.

University Writing helps undergraduates engage in the conversations that form our intellectual community. By reading and writing about scholarly and popular essays, students learn that writing is a process of continual refinement of ideas. Rather than approaching writing as an innate talent, this course teaches writing as a learned skill. We give special attention to textual analysis, research, and revision practices. University Writing offers the following themed sections, all of which welcome students with no prior experience studying the theme. Students interested in a particular theme should register for the section within the specified range of section numbers:

UW: Contemporary Essays (sections from 001 to 099): Features contemporary essays from a variety of fields.

UW: Readings in American Studies (sections in the 100s): Features essays that explore the culture, history, and politics that form American identity.

UW: Readings in Gender and Sexuality (sections in the 200s): Features essays that examine relationships among sex, gender, sexuality, race, class, and other forms of identity.

UW: Readings in Film and Performing Arts (sections in the 300s): Features essays that analyze a particular artistic medium (music, theater, film, photography...).

UW: Readings in Human Rights (sections in the 400s): Features essays that investigate the ethics of belonging to a community and issues of personhood, identity, representation, and action to recognize and protect human rights.

UW: Readings in Data and Society (sections in the 500s): Features essays that study how our data-saturated society challenges conceptions of cognition, autonomy, identity, and privacy.

UW: Readings in Medical-Humanities (sections in the 600s): Features essays that explore the disciplines of biomedical ethics, advocacy, and medical anthropology, to challenge our basic assumptions about medicine, care, sickness, and health.

UW: Readings in Law and Justice (sections in the 700s): Features essays that study core questions of law and justice that shape individuals' lives, institutional structures, and public policy.

University Writing for International Students (sections in the 900s): Open only to international students, these sections emphasize the transition to American academic writing cultures through the study of contemporary essays from a variety of fields.

For further details about these themes, please visit: <http://www.college.columbia.edu/core/uwp> (<http://www.college.columbia.edu/core/uwp/>).

Fall 2019: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/17906	M W 8:40am - 9:55am 307 Mathematics Building	Adrian Muoio	3	14/14
ENGL 1010	003/13543	M W 8:40am - 9:55am 201d Philosophy Hall	Patrick Moran	3	13/14
ENGL 1010	006/13544	M W 10:10am - 11:25am 307 Mathematics Building	Amanda Lowe	3	14/14
ENGL 1010	007/13545	M W 10:10am - 11:25am 408a Philosophy Hall	Montana Ray	3	14/14
ENGL 1010	012/13593	M W 1:10pm - 2:25pm 201b Philosophy Hall	Neda Jebelli	3	13/14
ENGL 1010	013/13546	M W 1:10pm - 2:25pm 307 Mathematics Building	Laura Gruszka	3	14/14
ENGL 1010	014/13595	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Meredith Tracey	3	12/14
ENGL 1010	018/13547	M W 2:40pm - 3:55pm 201b Philosophy Hall	Julie Moon	3	13/14
ENGL 1010	019/13548	M W 2:40pm - 3:55pm 408a Philosophy Hall	Ilana Gilovich	3	13/14
ENGL 1010	021/13549	M W 4:10pm - 5:25pm 408a Philosophy Hall	Emma Styles-Swaim	3	13/14

ENGL 1010	027/13550	T Th 8:40am - 9:55am 307 Mathematics Building	Emily Kuntz	3	14/14			201b Philosophy Hall			
						ENGL 1010	231/13568	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	13/14
ENGL 1010	028/13551	T Th 8:40am - 9:55am 408a Philosophy Hall	Rachel Rueckert	3	14/14						
						ENGL 1010	243/13569	T Th 5:40pm - 6:55pm 224 Pupin Laboratories	Sarah Rosenthal	3	13/14
ENGL 1010	040/13552	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Emily Foster	3	13/14						
						ENGL 1010	311/13570	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Abby Schroering	3	14/14
ENGL 1010	041/13553	T Th 1:10pm - 2:25pm 307 Mathematics Building	Christine Klippenstein	3	14/14						
						ENGL 1010	330/14061	T Th 10:10am - 11:25am 201b Philosophy Hall	Alessia Palanti	3	13/14
ENGL 1010	042/13554	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Allen Durgin	3	14/14						
						ENGL 1010	335/13571	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Anne Potter	3	14/14
ENGL 1010	044/13555	T Th 2:40pm - 3:55pm 307 Mathematics Building	Charlee Dyroff	3	14/14						
						ENGL 1010	339/13572	T Th 1:10pm - 2:25pm C01 80 Claremont	Catherine Suffern	3	13/14
ENGL 1010	048/13556	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Kiley Bense	3	14/14						
						ENGL 1010	346/13573	T Th 4:10pm - 5:25pm 502 Northwest Corner	Samuel Grabiner	3	13/14
ENGL 1010	050/13557	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Peter Kalal	3	14/14						
						ENGL 1010	404/13574	M W 10:10am - 11:25am 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	052/13558	T Th 5:40pm - 6:55pm 307 Mathematics Building	Andrea Penman- Lomeli	3	14/14						
						ENGL 1010	417/13575	M W 2:40pm - 3:55pm 411 Hamilton Hall	Chloe Howe Haralambous	3	14/14
ENGL 1010	053/13559	T Th 5:40pm - 6:55pm 313 Pupin Laboratories	Veronica Belafi	3	11/14						
						ENGL 1010	422/13576	M W 4:10pm - 5:25pm 253 Engineering Terrace	John Fitzgerald	3	14/14
ENGL 1010	060/13560	M W 5:40pm - 6:55pm 307 Mathematics Building	Theresa Lin	3	14/14						
						ENGL 1010	424/13577	M W 5:40pm - 6:55pm 318 Hamilton Hall	Rachel Finn- Lohmann	3	14/14
ENGL 1010	102/13561	M W 8:40am - 9:55am 408a Philosophy Hall	Katrina Dzyak	3	13/14						
						ENGL 1010	438/13578	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Shannon Hubbard	3	14/14
ENGL 1010	110/13562	M W 11:40am - 12:55pm 307 Mathematics Building	Sheila Byers	3	14/14						
						ENGL 1010	505/13579	M W 10:10am - 11:25am 201d Philosophy Hall	Brianna Williams	3	14/14
ENGL 1010	134/13563	T Th 11:40am - 12:55pm 401 Hamilton Hall	Alec Joyner	3	12/14						
						ENGL 1010	520/13580	M W 4:10pm - 5:25pm 201b Philosophy Hall	Joseph Fisher	3	13/14
ENGL 1010	145/13564	T Th 2:40pm - 3:55pm 502 Northwest Corner	B. Alston	3	14/14						
						ENGL 1010	533/13581	T Th 10:10am - 11:25am 401 Hamilton Hall	Adrianna Munson	3	11/14
ENGL 1010	147/13565	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Raffi Wartanian	3	12/14						
						ENGL 1010	536/13582	T Th 11:40am - 12:55pm 502 Northwest Corner	Reid Sharpless	3	13/14
ENGL 1010	223/13566	M W 4:10pm - 5:25pm 106b Lewisohn Hall	Mia Florin- Sefton	3	14/14						
						ENGL 1010	609/13583	M W 11:40am - 12:55pm 106b Lewisohn Hall	Antoinette Cooper	3	14/14
ENGL 1010	229/13567	T Th 8:40am - 9:55am	Evyan Gainey	3	14/14						
						ENGL 1010	634/14065	T Th 10:10am - 11:25am	Kristie Schlauraff	3	14/14

		408a Philosophy Hall				ENGL 1010	029/14342	T Th 8:40am - 9:55am Room TBA	Julie Moon	3	14/14
ENGL 1010	637/13584	T Th 11:40am - 12:55pm 337 Seeley W. Mudd Building	Kelley Hess	3	14/14	ENGL 1010	030/14343	T Th 8:40am - 9:55am Room TBA	Rachel Rueckert	3	12/14
ENGL 1010	649/13585	T Th 4:10pm - 5:25pm 307 Mathematics Building	Christopher Williams	3	13/14	ENGL 1010	042/14350	T Th 1:10pm - 2:25pm Room TBA	Christine Klippenstein	3	14/14
ENGL 1010	708/14059	M W 11:40am - 12:55pm 201d Philosophy Hall	Valeria Tsygankova	3	14/14	ENGL 1010	046/14353	T Th 2:40pm - 3:55pm Room TBA	Kiley Bense	3	14/14
ENGL 1010	725/13586	M W 5:40pm - 6:55pm 522c Kent Hall	Brett Mcmillan	3	13/14	ENGL 1010	049/14354	T Th 4:10pm - 5:25pm Room TBA	Montana Ray	3	14/14
ENGL 1010	915/13587	M 1:10pm - 2:25pm 106b Lewisohn Hall	Andrew Slater	3	14/14	ENGL 1010	050/14355	T Th 4:10pm - 5:25pm Room TBA	Elizabeth McIntosh	3	14/14
ENGL 1010	915/13587	W 1:10pm - 2:25pm 308a Lewisohn Hall	Andrew Slater	3	14/14	ENGL 1010	052/14361	T Th 5:40pm - 6:55pm Room TBA	Theresa Lin	3	2/14
ENGL 1010	926/13588	M W 5:40pm - 6:55pm 424 Kent Hall	Amber Paulen	3	13/14	ENGL 1010	053/14356	T Th 5:40pm - 6:55pm Room TBA	Sarah Ward	3	8/14
ENGL 1010	932/13589	Th 10:10am - 11:25am 212a Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	054/14357	T Th 5:40pm - 6:55pm Room TBA	Andrea Penman-Lomeli	3	2/14
ENGL 1010	932/13589	T 10:10am - 11:25am 602 Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	105/14663	M W 10:10am - 11:25am Room TBA	Katrina Dzyak	3	14/14
ENGL 1010	951/13590	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Eva Dunskey	3	14/14	ENGL 1010	108/14664	M W 11:40am - 12:55pm Room TBA	Sheila Byers	3	14/14
Spring 2020: ENGL CC1010						ENGL 1010	135/14665	T Th 11:40am - 12:55pm Room TBA	Alec Joyner	3	14/14
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	ENGL 1010	143/14666	T Th 2:40pm - 3:55pm Room TBA	Allen Durgin	3	14/14
ENGL 1010	001/14333	M W 8:40am - 9:55am Room TBA	Aidan Levy	3	14/14	ENGL 1010	144/14667	T Th 2:40pm - 3:55pm Room TBA	B. Alston	3	12/14
ENGL 1010	002/14334	M W 8:40am - 9:55am Room TBA	Jeremy Stevens	3	6/14	ENGL 1010	147/14668	T Th 4:10pm - 5:25pm Room TBA	Raffi Wartanian	3	13/14
ENGL 1010	003/14335	M W 8:40am - 9:55am Room TBA	Adrian Muoio	3	13/14	ENGL 1010	221/14670	M W 4:10pm - 5:25pm Room TBA	Mia Florin-Sefton	3	14/14
ENGL 1010	014/20088	M W 1:10pm - 2:25pm Room TBA	Laura Gruszka	3	13/14	ENGL 1010	228/14671	T Th 8:40am - 9:55am Room TBA	Evyan Gainey	3	14/14
ENGL 1010	015/14336	M W 1:10pm - 2:25pm Room TBA	Meredith Tracey	3	14/14	ENGL 1010	233/14672	T Th 10:10am - 11:25am Room TBA	Frances Wood	3	14/14
ENGL 1010	017/14337	M W 2:40pm - 3:55pm Room TBA	Neda Jebelli	3	14/14	ENGL 1010	251/14673	T Th 5:40pm - 6:55pm Room TBA	Sarah Rosenthal	3	14/14
ENGL 1010	018/14338	M W 2:40pm - 3:55pm Room TBA	Charlee Dyroff	3	14/14	ENGL 1010	310/14687	M W 11:40am - 12:55pm Room TBA	Abby Schroering	3	14/14
ENGL 1010	019/14339	M W 2:40pm - 3:55pm Room TBA	Emily Foster	3	14/14	ENGL 1010	313/14691	M W 1:10pm - 2:25pm Room TBA	Samuel Grabiner	3	14/14
ENGL 1010	026/14340	M W 5:40pm - 6:55pm Room TBA	Julia Sirmons	3	14/14	ENGL 1010	332/15052	T Th 10:10am - 11:25am Room TBA	Alessia Palanti	3	14/14
ENGL 1010	027/14341	M W 5:40pm - 6:55pm Room TBA	Peter Kalal	3	14/14						

ENGL 1010	339/14692	T Th 1:10pm - 2:25pm Room TBA	Catherine Suffern	3	14/14
ENGL 1010	341/14693	T Th 1:10pm - 2:25pm Room TBA	Milan Terlunen	3	14/14
ENGL 1010	404/15053	M W 10:10am - 11:25am Room TBA	Rebecca Wisor	3	14/14
ENGL 1010	416/14696	M W 2:40pm - 3:55pm Room TBA	Chloe Howe Haralambous	3	14/14
ENGL 1010	422/14697	M W 4:10pm - 5:25pm Room TBA	John Fitzgerald	3	13/14
ENGL 1010	425/14698	M 5:40pm - 6:55pm Room TBA	Rachel Finn-Lohmann	3	13/14
ENGL 1010	438/14701	T Th 11:40am - 12:55pm Room TBA	Thomas Wetmore	3	14/14
ENGL 1010	507/14705	M W 10:10am - 11:25am Room TBA	Brianna Williams	3	14/14
ENGL 1010	523/14706	M W 4:10pm - 5:25pm Room TBA	Joseph Fisher	3	14/14
ENGL 1010	536/14707	T Th 11:40am - 12:55pm Room TBA	Reid Sharpless	3	14/14
ENGL 1010	540/14708	T Th 1:10pm - 2:25pm Room TBA	Adrianna Munson	3	14/14
ENGL 1010	611/14709	M W 11:40am - 12:55pm Room TBA	Antoinette Cooper	3	14/14
ENGL 1010	631/15054	T Th 10:10am - 11:25am Room TBA	Kristie Schlauraff	3	14/14
ENGL 1010	637/14710	T Th 11:40am - 12:55pm Room TBA	Kelley Hess	3	14/14
ENGL 1010	648/14711	T Th 4:10pm - 5:25pm Room TBA	Christopher Williams	3	11/14
ENGL 1010	706/14712	M W 10:10am - 11:25am Room TBA	Ami Yoon	3	14/14
ENGL 1010	709/14713	M W 11:40am - 12:55pm Room TBA	Lauren Horst	3	13/14
ENGL 1010	720/15055	M W 4:10pm - 5:25pm Room TBA	Valeria Tsygankova	3	14/14
ENGL 1010	724/14714	M W 5:40pm - 6:55pm Room TBA	Brett Mcmillan	3	14/14
ENGL 1010	912/14731	M W 1:10pm - 2:25pm Room TBA	Eva Dunskey	3	14/14
ENGL 1010	934/14732	T Th 10:10am - 11:25am Room TBA	Hannah Kauders	3	4/14
ENGL 1010	945/14734	T Th 2:40pm - 3:55pm Room TBA	Andrew Slater	3	14/14

SPRING 2020 - PLEASE SEE THE DEPARTMENT WEBSITE ([HTTP://ENGLISH.COLUMBIA.EDU/COURSES/](http://english.columbia.edu/courses/)) FOR CURRICULUM SUMMARY.

INTRODUCTION TO THE MAJOR

ENGL UN3001 Literary Texts, Critical Methods. 4 points.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods.

This course is intended to introduce students to the advanced study of literature. Students will read works from different genres (poetry, drama, and prose fiction), drawn from the medieval period to the present day, learning the different interpretative techniques required by each. The course also introduces students to a variety of critical schools and approaches, with the aim both of familiarizing them with these methodologies in the work of other critics and of encouraging them to make use of different methods in their own critical writing. This course (together with the companion seminar *ENGL UN3011*) is a requirement for the English Major and Concentration. It should be taken as early as possible in a student's career. Fulfillment of this requirement will be a factor in admission to seminars and to some lectures.

Fall 2019: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/10000	W 6:10pm - 7:25pm 313 Fayerweather	Jenny Davidson	4	68/78

Spring 2020: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/10938	W 6:10pm - 7:25pm Room TBA	Edward Mendelson	4	75/75

ENGL UN3011 Literary Texts, Critical Methods seminar. 0 points.

Prerequisites: Students who register for ENGL UN3011 must also register for ENGL UN3001 Literary Texts, Critical Methods lecture.

This seminar, led by an advanced graduate student in the English doctoral program, accompanies the faculty lecture *ENGL UN3001*. The seminar both elaborates upon the topics taken up in the lecture and introduces other theories and methodologies. It also focuses on training students to integrate the terms, techniques, and critical approaches covered in both parts of the course into their own critical writing, building up from brief close readings to longer research papers.

Fall 2019: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/10001	M 12:10pm - 2:00pm 302 Fayerweather	Ami Yoon	0	15/15
ENGL 3011	002/40454	M 12:10pm - 2:00pm	Diana Newby	0	13/15

		602 Northwest Corner			
ENGL 3011	003/10002	M 6:10pm - 8:00pm 502 Northwest Corner	Elizabeth McIntosh	0	14/15
ENGL 3011	004/10003	M 6:10pm - 8:00pm 402 Hamilton Hall	Zoe Pollak	0	15/16
ENGL 3011	005/10004	M 12:10pm - 2:00pm 327 Seeley W. Mudd Building	Milan Terlunen	0	10/15

Spring 2020: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/11046	M 6:10pm - 8:00pm Room TBA	Veronica Belafi	0	15/15
ENGL 3011	002/11048	M 6:10pm - 8:00pm Room TBA	Naomi Michalowicz	0	15/15
ENGL 3011	003/11051	M 12:10pm - 2:00pm Room TBA	Anne Potter	0	15/15
ENGL 3011	004/11052	M 12:10pm - 2:00pm Room TBA	Emma Styles- Swaim	0	7/15
ENGL 3011	005/11053	M 12:10pm - 2:00pm Room TBA	Anna Waller	0	3/15

MEDIEVAL

CLEN UN3125 ENGLISH & COMPARATIVE LITERATURE. 4 points.

Though often thought of in mainstream culture as closed, conservative, and backwards, the medieval world was actually a place where the circulation of people and ideas resulted in generative encounters. This course will consider texts that brush up against the unfamiliar. We'll read travelogues containing Western views of the East *and* Muslim views of Christian society, plus texts of questionable literary merit *and* difficult, artful poetry. Via our course readings, you'll cross borders into strange lands with unaccountable customs, experience the possibilities of the marvelous, and interact with the afterlife and its denizens. Along the way, you'll be having your own *medieval encounter* with worldview(s) that require contextual analysis to recuperate.

Spring 2020: CLEN UN3125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3125	001/11763	Th 4:10pm - 6:00pm Room TBA	Hannah Weaver	4	0/18

ENGL GU4729 Canterbury Tales. 3 points.

(Lecture). Beginning with an overview of late medieval literary culture in England, this course will cover the entire Canterbury Tales in the original Middle English. We will explore the narrative and organizational logics that underpin the project overall, while also treating each individual tale as a coherent literary offering, positioned deliberately and recognizably on the map of late medieval cultural convention. We will consider the conditions—both historical and aesthetic—that informed Chaucer's motley composition, and will compare his work with other large-scale fictive works of the period. Our ultimate project will be the

assessment of the Tales at once as a self-consciously "medieval" production, keen to explore and exploit the boundaries of literary convention, and as a ground-breaking literary event, which set the stage for renaissance literature.

Spring 2020: ENGL GU4729

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4729	001/10997	T Th 10:10am - 11:25am Room TBA	Eleanor Johnson	3	93/100

RENAISSANCE

ENGL UN3336 Shakespeare II. 3 points.

(Lecture). Shakespeare II examines plays from the second half of Shakespeare's dramatic career, primarily a selection of his major tragedies and his later comedies (or "romances").

Spring 2020: ENGL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3336	001/10940	M W 10:10am - 11:25am Room TBA	James Shapiro	3	54/54

ENGL UN3343 The Surveillance of Women in Renaissance Drama & Culture. 4 points.

Concentrating on the drama of early modern England, this course will investigate a culture of surveillance regarding women's bodies in the period. We will give special focus to the fear of female infidelity, the theatrical fascination with the woman's pregnant body, and the cultural desire to confirm and expose women's chastity. We will read plays in which women are falsely accused of adultery, in various generic contexts (such as William Shakespeare's

Cymbeline and *Much Ado About Nothing*), along with plays in which women actually commit infidelity (such as the anonymous *Arden of Feversham* and Thomas Middleton's *A Chaste Maid in Cheapside*). Focusing on a different play each week, we will ask: what does it take, ultimately, to believe women about their fidelity? At the same time, what is the effect of being doubted on women themselves? We will also give consideration to the particular resources of dramatic form, paying attention to moments in plays that coerce spectators themselves into mistaken judgments about women.

We will supplement our reading of drama with pamphlets, advice literature, poems, church court cases, and ballads, in order to place these plays within a broader and more varied culture of female surveillance in early modern England. Finally, we will work to recover past strategies of liberation from this surveillance in the plays we read, in women's writing that warns against male betrayal, and in dramatic and historical instances of female cross-dressing.

Spring 2020: ENGL UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3343	001/10941	Th 2:10pm - 4:00pm Room TBA	Lauren Robertson	4	12/18

ENGL GU4104 Renaissance Literature and (the History of) Sexuality. 4 points.

This class is an introduction both to the study of the literature of the English Renaissance or early modern period, and to the study of the history of sexuality. While we will be looking at issues of sexuality in the literary texts that are at the center of this class, we will also be thinking about the history of sexuality as a field of study in its own right, how it's been conceived of and practiced, its promises and pitfalls. We will be examining the humanist histories and methodologies that inform much Renaissance thought about

human sexuality – theories about bodies, desire, relationships between and among the sexes, materialism, and spirituality – as well as more recent critical approaches. We will think closely about the genres that (we think) privilege sexuality – eclogues, plays (especially those performed by boy players), erotic verse, verse letters, utopia and creation stories.

Spring 2020: ENGL GU4104

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4104	001/10946	T 2:10pm - 4:00pm Room TBA	Julie Crawford	4	15/18

ENGL GU4248 Literature and Science in Early Modern England. 3 points.

This lecture course explores the relationship between literature and science in the period immediately before and during the so-called “Scientific Revolution.” It examines representation of inquiry into the unknown; the relationship between magic and science; the central role of alchemy; the emergence of the virtuosi; the formation of the Royal Society, and challenges to it. Throughout, attention will be paid to the active contribution of the “literary” to this supposedly “scientific” realm—although those terms will come under considerable pressure. Texts will range from Christopher Marlowe's play *Doctor Faustus*, to scientific writings by Francis Bacon and William Harvey, to less easily defined hybrids by Francis Godwin, Thomas Browne and Margaret Cavendish.

Spring 2020: ENGL GU4248

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4248	001/16323	M W 8:40am - 9:55am Room TBA	Alan Stewart	3	21/54

18TH AND 19TH CENTURY**ENGL UN3231 SNAKE OIL: CON ARTISTS OF AMERICAN FICTION. 4 points.**

This course traces the recurrence of the con artist in American fiction. Focusing largely on nineteenth century texts, we'll use classic con artist characters to help identify the ways con artists unsettle the categories of identity, truth, and nature. But this course focuses not only on the genuine article (the scoundrels who earn your confidence and intimacy in order to rob you blind) but also on novels featuring characters wrongfully accused of deception because they can pass between multiple social types. What is threatening about these figures? We'll look at the ways tricksters make use of their environments in *Contact*, *Abolitionist*,

and *Southern literature* to question what might be ontologically at stake when a person dissembles. Finally, we turn to three novels about passing to examine how the con artist haunts these narratives, and how the threat of being accused of running a con shapes the formal and theoretical richness these novels contain.

Spring 2020: ENGL UN3231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3231	001/10561	W 12:10pm - 2:00pm Room TBA	Amanda Lowe	4	16/18

ENGL UN3255 Victorian Relations. 4 points.

Victorian literature, as one of its leading critics writes, is concerned above all with “*relationships* and their representation.” Relationships between individuals, groups, or nations are of course central to literature from all periods, but they figure with particular prominence in Victorian British writing, for two reasons. First, the Victorian period follows an era that often fetishized the solitary individual: if Romantic writers frequently focused on figures in isolation, Victorian writers responded by panning out to consider human beings primarily in their social relations. Second, the later nineteenth century witnessed revolutions in the conceptualization of relations between different classes, races, sexes, and species. The new ideas were not limited to philosophers or scientists but permeated public discourse to an unprecedented extent.

In this course we will study a representative sampling of Victorian writing about relationships, possibly including such topics as relations between men and women, Britons and others nationalities, humans and animals, or past and present. In addition we will consider the relation between different literary genres as we compare the way each topic is represented in fiction, poetry, drama, and non-fictional prose.

Spring 2020: ENGL UN3255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3255	001/12246	F 10:10am - 12:00pm Room TBA	Erik Gray	4	11/18

CLEN UN3851 SPCL TPCS IN LITERARY STUDIES. 4 points.

This seminar explores great writing about three important 19th-century cities: Paris, Manchester, and London. The nineteenth-century was known as the age of great cities, and as such, witnessed an explosion of urban literature. This course will introduce you to major genres of city writing, including the novel, the poem, the physiognomy, the sociological inquiry, and the urban lyric. It will familiarize you with 19th-century urban types: the concierge, the courtesan, the artist, the financier, the flâneur, the fashionista, the worker, the socialite, the sexual outlaw, and the urban eccentric. Readings will include recent scholarship on urban literature; classic essays about cities by writers including Walter Benjamin, Georg Simmel, and Jane Jacobs; and the following 19th-century works: *Cousin Bette* (Balzac); *The Kill* (Zola); *The Condition of the Working Class in*

England (Engels); Mary Barton (Gaskell); Bleak House (Dickens); and selected poems by Amy Levy. Weekly writing assignments; an in-class presentation of a visualization; and three 8-10 page papers; no final exam.

Spring 2020: CLEN UN3851

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3851	001/25191	W 4:10pm - 6:00pm Room TBA	Sharon Marcus	4	4/18

ENGL GU4215 Epic Histories: Gibbon/Benjamin. 4 points.

We will immerse ourselves over the semester in two major works of history that also have claims to significant literary status and influence, Edward Gibbon's *History of the decline and Fall of the Roman Empire* and Walter Benjamin's *Arcades Project*. We won't engage in true "slow reading," in the sense that it will be beyond us to consume these two enormous books chapter by chapter from start to finish, but we will consider the possibilities of slow reading and the imperatives and realities of reading selectively, including the fear of missing out that inhibits an embrace of abridgment in an era after the post structuralist emphasis on the "text" gave new weight to the idea that literary works, even ones that are gigantic and/or fractured, should be read either in their entirety or not at all. We'll consider questions of modern versus postmodern history, historiography and methodology, status and standards of evidence, among other things; written work will include three short assignments, some of them experimental and/or creative in nature and with a strong emphasis on archives and methods, and a longer essay (10-12pp.) at the end of the semester.

Spring 2020: ENGL GU4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4215	001/12656	M 2:10pm - 4:00pm Room TBA	Jenny Davidson	4	9/18

ENGL GU4404 Victorian Poetry. 3 points.

Open to all undergraduates (regardless of major) and graduate students.

(Lecture). This course examines the works of the major English poets of the period 1830-1900. We will pay special attention to Alfred Tennyson and Robert Browning, and their great poetic innovation, the dramatic monologue. We will also be concentrating on poems by Elizabeth Barrett Browning, Gerard Manley Hopkins, Christina Rossetti, Matthew Arnold, A. E. Housman, and Thomas Hardy.

Spring 2020: ENGL GU4404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4404	001/10947	M W 10:10am - 11:25am Room TBA	Erik Gray	3	29/54

ENGL GU4415 Victorian Novel. 3 points.

On a frosty day in February 1841, fervent American readers swarmed the piers of New York Harbor, frantically calling out to British sailors aboard a ship carrying the most recent installment of a Dickens novel, "Is Little Nell dead?!!!" Such was

the Victorian Novel: a transatlantic public sensation. This course will trace the development of the novel during its most formative period, mapping its central concerns (self, community, love, gender, family, race, nation, empire) on a conceptual grid where representational strategies (realism, romanticism, historicism, melodrama, serialization) intersect with cultural thinking about poverty, work, faith, care, social justice, and globalism.

Spring 2020: ENGL GU4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4415	001/16047	M W 11:40am - 12:55pm Room TBA	Monica Cohen	3	20/54

ENGL GU4750 Clarissa. 4 points.

Almost a million words long, Samuel Richardson's *Clarissa* took eighteenth-century readers by storm; it has a strong claim to be considered the single most important novel of the period. We'll begin with some brief excerpts from Richardson's first novel *Pamela* and one of the more virulent contemporary attacks on this new mode of popular fiction, then proceed through *Clarissa* in regular chunks, interspersed with bits and pieces of other relevant epistolary fictions, critical discussions and historical accounts. This seminar has no prerequisites other than your own eagerness to embark on a demented and potentially transformative program of extreme reading; topics for discussion will include the novel in letters, the first-person voice, the psychology of families and the sociology of inheritance in eighteenth-century England, the languages of sexuality, eighteenth-century burial customs, madness in literature, providential narratives and life after death, suffering, rewritings of Job, the rise of the novel, etc. etc.

Spring 2020: ENGL GU4750

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4750	001/11767	T 12:10pm - 2:00pm Room TBA	Jenny Davidson	4	16/18

20TH AND 21ST CENTURY

ENGL UN3042 Ulysses. 4 points.

The seminar will look at the structure of the novel, its plan, with special attention paid to 'The Odyssey', but also to the variations in tone in the book, the parodies and elaborate games becoming more complex as the book proceeds. We will examine a number of Irish texts that are relevant to the making of 'Ulysses', including Robert Emmett's speech from the dock, Yeats's 'The Countess Cathleen' and Lady Gregory translations from Irish folk-tales.

Spring 2020: ENGL UN3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3042	001/17310	T 12:10pm - 2:00pm Room TBA	Colm Toibin	4	20/18

ENGL UN3270 BRITISH LITERATURE 1950-PRESENT. 3 points.

The class on post-war British literature focuses on fiction written since the end of the Cold War, with a particular emphasis on the twenty-first century. Lectures are structured around the theme of "Britain and its Belongings," with three main historical and thematic emphases. First, the question of "the contemporary" or "belonging together in time": What, if anything, makes the period since the 1990s hang together as a cultural, and more narrowly literary-historical, category? Second, the question of Europe: Is British literature a subset of European literature? How, in the era of Brexit and the ongoing migration crisis in Europe, have British novelists represented the country's relationship to the continent? Finally, the linked problems of economic globalization and Britain's complex post-imperial history: How have British novelists attempt to represent a world in which "domestic" experiences seem inextricably, if inconceivably, linked to events taking place thousands of miles away? Our answers to these questions will be aesthetic, as well as historical, focusing particularly on how novelists have thought to reimagine their sense of belonging by innovating at the level of narrative structure, point of view, and generic form.

Authors discussed include a mixture of established and emerging writers, with a particular emphasis on novels by women and by members of ethnic and national minority communities. Assignments include weekly reading, a midterm, a final, and two critical essays.

Spring 2020: ENGL UN3270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3270	001/10998	M W 2:40pm - 3:55pm Room TBA	Jack Halberstam	3	22/54

CLEN UN3390 The Art of the Novel. 4 points.

Prerequisites: the instructor's permission.
(Seminar). The phrase "the art of the novel," a reminder that the ascension of the genre to the status of "high art" rather than merely popular entertainment is still relatively recent, comes from Henry James, himself both a novelist and an influential critic of the novel. The premise of this co-taught seminar is that it is intellectually productive to bring together the perspectives of the novelist and the critic, looking both at their differences and at their common questions and concerns. In addition to fiction and criticism by Orhan Pamuk, students will read novels by Stendhal, Dostoevsky, and Tolstoy. **Application instructions:** E-mail Professor Robbins (bwr2001@columbia.edu) with the subject heading "Art of the Novel seminar". In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available.

Spring 2020: CLEN UN3390

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3390	001/10953	T 4:10pm - 6:00pm Room TBA	Bruce Robbins	4	18/18

ENGL UN3394 How Writers Think: Pedagogy and Practice. 4 points.

Prerequisites: Permission of instructor.

(Seminar). This course uses contemporary philosophies of research and writing to train students to become writing center and library consultants. Readings will highlight major voices in rhetoric and composition research, with an emphasis on collaborative learning theory. We will ground our study in hands-on teaching experiences: students will shadow Columbia Writing Center consultants and research librarians and then practice strategies they learn in consultation with other students. Those who successfully complete this course will be eligible to apply for a peer writing consultant job in the Columbia Writing Center. This course is co-taught by the director of the Writing Center and the undergraduate services librarian.

Spring 2020: ENGL UN3394

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3394	001/10942	T 2:10pm - 4:00pm Room TBA	Susan Mendelsohn	4	14/15

ENGL UN3710 The Beat Generation. 4 points.

Limited to seniors. Priority given to those who have taken at least one course in 20th-century American culture, especially history, jazz, film, and literature.

Prerequisites: Permission of instructor.

(Seminar). Surveys the work of the Beats and other artists connected to the Beat movement. Readings include works by Jack Kerouac, Allen Ginsberg, William Burroughs, Amiri Baraka, and Joyce Johnson, as well as background material in the post-World War II era, films with James Dean and Marlon Brando, and the music of Charlie Parker and Thelonius Monk.

Application instructions: E-mail Professor Ann Douglas (ad34@columbia.edu) with the subject heading "The Beat Generation". In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. *Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available.*

Spring 2020: ENGL UN3710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3710	001/11119	W 6:10pm - 8:00pm 612 Philosophy Hall	Ann Douglas	4	19/18

ENGL UN3715 Bellow, Ellison, and Roth. 4 points.

Prerequisites: the instructor's permission.

(Seminar). These three major post-war American novelists are each challenging and transgressive in their own way; they comprise a

natural grouping given their common preoccupations that grew out of high personal regard. Bellow and Ellison were close friends and Roth was a friend of Bellow's and a great admirer of Ellison. Indeed, Roth's *The Human Stain* is a sustained meditation upon and homage to Ellison's *Invisible Man*. These shared concerns include a resistance to the pressure to be representative of one's racial or ethnic group, skepticism of the political and ideological uses of art, and fascination with how an ethnic or racial outsider makes his way into WASP American high culture. One does so by a process of initiation that proceeds less by the sacrifice demanded by assimilation and more by playing the "game" of "appropriation" in which culture is conceived as public, open and accessible to anyone, and culture goods are available to be enjoyed and re-worked for one's own creative purposes. **Application Instructions:** E-mail Professor Ross Posnock (rp2045@columbia.edu) with the subject heading "Bellow, Ellison, and Roth seminar." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course.

Spring 2020: ENGL UN3715

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3715	001/10943	M 4:10pm - 6:00pm Room TBA	Ross Posnock	4	9/20

ENGL UN3851 Indian Writing in English. 4 points.

Prerequisites: the instructor's permission.

(Seminar). As the great imperial powers of Britain, France, and Belgium, among others, ceded self-rule to the colonies they once controlled, formerly colonized subjects engaged in passionate discussion about the shape of their new nations not only in essays and pamphlets but also in fiction, poetry, and theatre. Despite the common goal of independence, the heated debates showed that the postcolonial future was still up for grabs, as the boundary lines between and within nations were once again redrawn. Even such cherished notions as nationalism were disputed, and thinkers like the Nobel laureate Rabindranath Tagore sounded the alarm about the pitfalls of narrow ethnocentric thinking. Their call for a philosophy of internationalism went against the grain of ethnic and racial particularism, which had begun to take on the character of national myth. The conflict of perspectives showed how deep were the divisions among the various groups vying to define the goals of the postcolonial nation, even as they all sought common cause in liberation from colonial rule.

Nowhere was this truer than in India. The land that the British rulers viewed as a test case for the implementation of new social philosophies took it upon itself to probe their implications for the future citizenry of a free, democratic republic. We will read works by Indian writers responding to decolonization and, later, globalization as an invitation to rethink the shape of their societies. Beginning as a movement against imperial control, anti-colonialism also generated new discussions about gender relations, secularism and religious difference, the place of minorities in the nation, the effects of partition on national identity, among other

issues. With the help of literary works and historical accounts, this course will explore the challenges of imagining a post-imperial society in a globalized era without reproducing the structures and subjectivities of the colonial state. Writers on the syllabus include Rabindranath Tagore, M.K. Gandhi, B.R. Ambedkar, Mulk Raj Anand, Raja Rao, Mahasweta Devi, Bapsi Sidwa, Rohinton Mistry, Amitav Ghosh, and Arundhati Roy.

Application Instructions: E-mail Professor Viswanathan (gv6@columbia.edu) with the subject heading "Indian Writing in English seminar." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course.

Spring 2020: ENGL UN3851

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3851	001/10945	Th 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	16/18

ENTA UN3970 Ibsen and Pinter. 4 points.

Prerequisites: the instructor's permission.

(Seminar). The course will trace the pattern of the evolving theatrical careers of Henrik Ibsen and Harold Pinter, exploring the nature of and relationships among key features of their emerging aesthetics. Thematic and theatrical exploration involve positioning the plays in the context of the trajectories of modernism and postmodernism and examining, in that context, the emblematic use of stage sets and tableaux; the intense scrutiny of families, friendships, and disruptive intruders; the experiments with temporality, multi-linearity, and split staging; the issues raised by performance and the implied playhouse; and the plays' potential as instruments of cultural intervention. Two papers are required, 5-7 pages and 10-12 pages, with weekly brief responses, and a class presentation. Readings include major plays of both writers and key statements on modernism and postmodernism.

Application Instructions: E-mail Professor Austin Quigley (aeq1@columbia.edu) with the subject heading "Ibsen and Pinter seminar." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. ***Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available.***

Spring 2020: ENTA UN3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3970	001/10937	W 4:10pm - 6:00pm Room TBA	Austin Quigley	4	12/18

CLEN GU4075 Occultism, Postcoloniality, and Modernism. 4 points.

This course probes the shaping of the modern subject through such "occult" devices as mesmerism, ventriloquism, hypnotism, telepathy, disembodiment, telekinesis, and clairvoyance. We will

examine the ways that occultism constituted a crucial enactment of modernity's contradictions and provided postcoloniality with the tools for critical definitions of selfhood and society, in what Frantz Fanon called a "zone of occult instability." Some of the questions the course hopes to raise are: How does one account for occultism's persistence in modernity? Is occultism a form of residual irrationalism, a mode of thought superseded by Enlightenment rationality? Or is it a constitutive element of modernity itself, reflecting its contradictions and ambiguities? To what extent can occultism be understood as a product of clashing worldviews? What is the relationship between occultism and anthropology, history, philology, science, Darwinian evolution, psychoanalysis, capitalism, and technology? How does occultism become a tool for both relating to the past and imagining future worlds, especially for the decolonizing imagination? In what ways, if at all, does occultism signal the emergence of a postcolonial moment in literature? In what ways, too, does occultism lend itself to the play of power?

Spring 2020: CLEN GU4075

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4075	001/16908	W 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	11/18

ENGL GU4110 Avant-Garde Feminist Poetry. 3 points.

This course will wrangle with three simple-seeming, but actually fraught and electrified questions: what does it mean to be "feminist"? What is "poetry" in the contemporary American poetry world? And what is "avant-garde?" One could read a thousand books of poetry to answer these questions, but in this course, we'll stick to works written by women between 1990 and today. We will pay sustained, careful attention to poetic form and structure, and we will look at how formal experimentation might intersect with ethical and political realities. And, as a heuristic device, we'll read two or three works by individual authors, to get a sense of their evolution over the course of a period of their careers.

Spring 2020: ENGL GU4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4110	001/13913	T Th 11:40am - 12:55pm Room TBA	Eleanor Johnson	3	77/80

CLEN GU4564 Plagiarism and Post Colonialism. 3 points.

This course examines practices of literary plagiarism, piracy, kidnapping, cultural appropriation, forgery, and other disparaged textual activities to consider their implication in the power/knowledge complex of (neo)imperial international relations under current capitalist copyright and intellectual property regimes that constitute the so-called "World Republic of Letters.".....

Spring 2020: CLEN GU4564

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4564	001/10955	M W 2:40pm - 3:55pm Room TBA	Joseph R Slaughter	3	29/54

ENGL GU4621 Harlem Renaissance. 3 points.

(Lecture). This course will focus on the arts of the Harlem Renaissance as experiments in cultural modernity and as forms of incipient political empowerment. What was the Harlem Renaissance? Where and when did it take place? Who were its major players? What difference did it make to everyday Harlemites? What were its outposts beyond Harlem itself? Was there a rural HR? An international HR? As we wonder about these problems of definition, we will upset the usual literary/historical framework with considerations of music and painting of the period. How to fit Bessie Smith into a frame with W.E.B. Du Bois? Ellington with Zora Neale Hurston? Aaron Douglas with Langston Hughes? Where is Harlem today? Does it survive as more than a memory, a trace? Is it doomed to be "black no more?" How does Harlem function in "our" "national"/((international?)) imagination? Has the Harlem Renaissance's moment come and gone? What continuities might we detect? What institutions from the early twentieth century have endured?

Spring 2020: ENGL GU4621

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4621	001/10964	T Th 10:10am - 11:25am Room TBA	Robert O'Meally	3	36/54

ENGL GU4622 African-American Literature II. 3 points.

(Lecture). This survey of African American literature focuses on language, history, and culture. What are the contours of African American literary history? How do race, gender, class, and sexuality intersect within the politics of African American culture? What can we expect to learn from these literary works? Why does our literature matter to student of social change? This lecture course will attempt to provide answers to these questions, as we begin with Zora Neale Hurston's *Their Eyes Were Watching God* (1937) and Richard Wright's *Native Son* (1940) and end with Melvin Dixon's *Love's Instruments* (1995) with many stops along the way. We will discuss poetry, fiction, drama, and non-fictional prose. Other authors include Ralph Ellison, James Baldwin, Gwendolyn Brooks, Malcolm X, Ntozake Shange, Audre Lorde, and Toni Morrison. There are no prerequisites for this course. The formal assignments are two five-page essays and a final examination. Class participation will be graded.

Spring 2020: ENGL GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/10999	M W 2:40pm - 3:55pm Room TBA	Farah Griffin	3	53/54

CLEN GU4644 Revolution in/on the Caribbean . 4 points.

Although a geographically small area, the Caribbean has produced major revolutionary movements, and two globally influential revolutions: the Haitian Revolution (1791-1804) and the Cuban Revolution (1959-1976). It has also produced literature and poetic discourse that has sought to revolutionize politics through language. In this course, we will examine texts that reflect on revolution and/or attempt to revolutionize by writers such as Aimé

Césaire, CLR James, Derek Walcott, Alejo Carpentier, Frantz Fanon, Reinaldo Arenas, Michelle Cliff, and V.S. Naipaul, among others.

We will also read essays by Hannah Arendt, André Breton, Paul Breslin, A. James Arnold, Phyllis Taoua, Robin D.G. Kelley, Brad Epps, Kimberle Lopez, Bruce King, Maria Elena Lima, Yoani Sánchez, and Audre Lorde. In addition, we will listen to a variety of music by Caribbean and African American musicians that take revolution as its theme in form and/or content.

Spring 2020: CLEN GU4644

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4644	001/11373	T 4:10pm - 6:00pm Room TBA	Frances Negrón-Muntaner	4	20/18

ENTA GU4725 Technologies of Modern Drama. 4 points.

This seminar will consider theatre intermedially, taking up its use of dramatic writing as one, *only* one, of its determining technologies. In the first half of the semester we will use a series of philosophical questions—tools vs. technologies, techne vs. medium—to consider several dimensions of modern theatricality as technologies: of gender and genre, of space and place, of the body and its performance. After spring break, we will use the terms generated to consider a series of topics specifically inflected by the design and practice of modern theatricality.

Students will each write one longer essay, and will have the opportunity to receive feedback on a draft, if desired.

Spring 2020: ENTA GU4725

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 4725	001/10948	W 10:10am - 12:00pm Room TBA	William Worthen	4	9/18

CLEN GU4892 Literature and International Law: Sovereignty and Other Fictions. 4 points.

The past decade has seen a steady increase in interdisciplinary scholarship interested in the relationships between literature and international law. Critical international legal scholars often invoke literature (and literary terms) to supplement their analyses, while many comparative literature scholars have attempted to discover what Pascale Casanova calls the “international laws” of literature. However, much of this scholarship remains deeply rooted in the home disciplines of the scholars, who not only operate with the prevailing assumptions and methodologies of their disciplines, but also tend to treat the other discipline as stable and unproblematic. Moreover, most of that scholarship has failed to take account of colonialism and imperialism in the formation of disciplinary knowledge—and, especially, in the formation of both international law and world literature.

International law is always produced in what Mary Louise Pratt has called “the contact zone.” Placing the history of colonialism at the center of inquiry, this course seeks to explore some of the many possible intersections between international law and

comparative literature. We will examine some of the approaches that scholars have already taken, but we will also pursue new ways of thinking about how law and literature interact. The course focuses on a number of historical “events” to consider how literature and law both contribute to the logic of world-making and to the imagination of international orders.

Spring 2020: CLEN GU4892

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4892	001/17789	T 4:10pm - 6:00pm Room TBA	Joseph R. Slaughter	4	12/18

SPECIAL TOPICS

CLEN UN3360 Theaters of Gods and Heroes. 4 points.

Two warring clans of cousins meet on a battlefield to decide once and for all who will sit on the throne of Hastinapura. The King of Lanka abducts Rama's wife Sita, and Rama must do everything in his power to find her and bring her home safely. These are the basic plot points of the great Indian epics The Mahabharata and the Ramayana. Yet no summarization can do these poems justice, and their stories have been told time and again across genres: they have been re-imagined as novels, serialized on television, condensed into comic books, and performed on stage. In “Theaters of Gods and Heroes” we will investigate the many ways that these two epics have been conceived in performance during the last two millennia. For each class, students will read selections of the poems in translation paired with examples of theatrical adaptations that correspond to a given episode. An investigation into adaptation theory, as well as an introduction to the diverse range of performance traditions and theatrical styles that comprise the performing arts in India, this course will cover adaptations of the epics in the classical Sanskrit dramatic canon, in ritual performances such as the Ramlila, across regional traditions like the Kudiattam of Kerala, and in contemporary dramas written since India gained independence in 1947. We will also survey international productions of the epics—such as Peter Brook's Mahabharata (1985) and Battlefield (2016) and Yael Farber's Ram: The Abduction of Sita into Darkness (2012)—and address how audience influences dramatic adaptation, as well as what kind of additional work must be done when the epics are taken out of their immediate cultural context. As we work through the many and varied ways the epics have been reimagined in dramatic literature and performance, students will be asked to think about the formal significance of embodiment as a medium as opposed to oral recitation or literary adaptation. How do stories relate differently in performance as opposed to any of the other ways by which the epics could be recapitulated? And, within the range of theatrical adaptations covered by the class, how do we see the same stories shift across different genres or performances?

Spring 2020: CLEN UN3360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3360	001/12250	Th 2:10pm - 4:00pm Room TBA		4	0/18

ENGL UN3738 Philanthropy and Social Difference. 4 points.

Philanthropy and Social Difference will introduce students to the history of Anglo-American philanthropy, as described in both historical and literary texts by writers including Jane Addams, James Agee, Andrew Carnegie, and George Orwell. Through reading these texts, students will receive an experiential perspective on the social problems that philanthropy seeks to address.

The course will also focus on best practices in contemporary philanthropy, teaching students how to make informed decisions in making grants to nonprofit organizations. In addition, students will have the opportunity to practice philanthropy directly by making grants from course funds to nonprofit organizations selected by the class.

Spring 2020: ENGL UN3738

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3738	001/10980	W 2:10pm - 4:00pm Room TBA	Victoria Rosner	4	19/18

ENGL UN3950 Poetics of the Warrior. 4 points.

Prerequisites: Instructor's permission.

(Seminar). This course of distinguished poetry about warriors and warfare goes to the intersection of disciplines, where warrior and poet together compete and excel--ingeniously, formally, passionately, consequentially--as allies in dire contest against annihilation and despair. Homer's *Iliad* heads our list of exemplary titles selected from ancient and classical, mediaeval and early modern sources, including, among others, Sophocles' *Ajax*, and *Philoctetes*; *Beowulf*; *Song of Roland*; *Sir Gawain and the Green Knight*; *The Tale of the Heike*; Shakespeare's *Henry V*; and Milton's *Paradise Lost*. We also will read histories, memoirs, oratory, and guidebooks, from Yuzan's *Budoshoshinshu* to General Patton's "The Secret of Victory," from Vegetius' *De Re Militari* to U.S. Army Field Manual (FM) 6-22. Our reading is historically broad enough to prove the range of virtues, precepts, codes and rules of martial character and action. Yet our poetry also excels in vision and in virtuosity quite apart from how it might cultivate the norms of aristocracy, chivalry, or bushido, so that certain of our questions about form and style or imaginative effects might differ in kind from other questions about the closeness or disparity of the practical warrior and the poetic warrior, and the extent to which the latter elevates and inspires the former's conception of himself in times of war and peace. We shall consider how battle narratives which excel as poetry and ring true for the warrior, appealing to his wit and outlook, might replenish the aggrieved and battle-weary mind; how a war poem's beautifully formed and lucidly rendered chaos remembers and regains for him the field of action. Toward my interest in the range of possibilities for military literature as a discipline of study, I welcome not only the novice whose interest is avid but the student knowledgeable about military topics in literature, history, political and social philosophy, and especially the student, who, having served in the Armed Forces, can bring to the seminar table a contemporary military perspective and the fruits of practical wisdom. **Application instructions:** E-mail Professor Giordani (mg2644@columbia.edu) with the subject heading "Poetics of Warrior seminar." In your message, include your name, school,

major, year of study, relevant courses taken, and a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available.

Spring 2020: ENGL UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/11670	T 4:10pm - 6:00pm Room TBA	Marianne Giordani	4	16/18

CLEN GU4335 Poetry and Philosophy. 4 points.

Since Plato, poets and philosophers have been at odds as often as they have cross-pollinated. How should we think about the relation between these two discourses? In this seminar we will put the following dictum of Romantic poet and philosophe Samuel Taylor Coleridge's to the test: "No man was ever yet a great poet, without at the same time being a profound philosopher." We will read philosophical poetry, poetic philosophy, and texts that don't seem to quite fit in any genre. What makes certain poets particularly inspiring to philosophers, and vice versa? How does each group appropriate the tools of the other for their own purposes? We will especially interested in the question of how poetic language offers a mode of thinking that may be philosophical in character, but is also fundamentally different from the conceptual and argumentative constraints of philosophy as it is traditionally conceived.

Spring 2020: CLEN GU4335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4335	001/12519	T 4:10pm - 6:00pm Room TBA	Joseph Albernaz	4	17/18

CLEN GU4728 Literature in the Age of Artificial Intelligence. 3 points.

In this course we will consider the long history of literature composed with, for, and by machines. Our reading list will start with Ramon Llull, the thirteenth-century combinatorial mystic, and continue with readings from Gottfried Leibniz, Francis Bacon, Jonathan Swift, and Samuel Butler. We will read "Plot Robots" instrumental to the writing of Hollywood scripts and pulp fiction of the 1920s, the avant-garde poetry of Dada and OULIPO, computer-generated love letters written by Alan Turing, and novels created by the first generation of artificial intelligence researchers in the 1950s and 60s. The course will conclude at the present moment, with an exploration of machine learning techniques of the sort used by Siri, Alexa, and other contemporary chat bots.

Spring 2020: CLEN GU4728

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4728	001/12523	M W 4:10pm - 5:25pm Room TBA	Dennis Tenen	3	75/75

UNIVERSITY WRITING

ENGL CC1010 University Writing. 3 points.

University Writing helps undergraduates engage in the conversations that form our intellectual community. By reading and writing about scholarly and popular essays, students learn that writing is a process of continual refinement of ideas. Rather than approaching writing as an innate talent, this course teaches writing as a learned skill. We give special attention to textual analysis, research, and revision practices. University Writing offers the following themed sections, all of which welcome students with no prior experience studying the theme. Students interested in a particular theme should register for the section within the specified range of section numbers:

UW: Contemporary Essays (sections from 001 to 099): Features contemporary essays from a variety of fields.

UW: Readings in American Studies (sections in the 100s): Features essays that explore the culture, history, and politics that form American identity.

UW: Readings in Gender and Sexuality (sections in the 200s): Features essays that examine relationships among sex, gender, sexuality, race, class, and other forms of identity.

UW: Readings in Film and Performing Arts (sections in the 300s): Features essays that analyze a particular artistic medium (music, theater, film, photography...).

UW: Readings in Human Rights (sections in the 400s): Features essays that investigate the ethics of belonging to a community and issues of personhood, identity, representation, and action to recognize and protect human rights.

UW: Readings in Data and Society (sections in the 500s): Features essays that study how our data-saturated society challenges conceptions of cognition, autonomy, identity, and privacy.

UW: Readings in Medical-Humanities (sections in the 600s): Features essays that explore the disciplines of biomedical ethics, advocacy, and medical anthropology, to challenge our basic assumptions about medicine, care, sickness, and health.

UW: Readings in Law and Justice (sections in the 700s): Features essays that study core questions of law and justice that shape individuals' lives, institutional structures, and public policy.

University Writing for International Students (sections in the 900s): Open only to international students, these sections

emphasize the transition to American academic writing cultures through the study of contemporary essays from a variety of fields.

For further details about these themes, please visit: <http://www.college.columbia.edu/core/uwp> (<http://www.college.columbia.edu/core/uwp/>).

Fall 2019: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/17906	M W 8:40am - 9:55am 307 Mathematics Building	Adrian Muoio	3	14/14
ENGL 1010	003/13543	M W 8:40am - 9:55am 201d Philosophy Hall	Patrick Moran	3	13/14
ENGL 1010	006/13544	M W 10:10am - 11:25am 307 Mathematics Building	Amanda Lowe	3	14/14
ENGL 1010	007/13545	M W 10:10am - 11:25am 408a Philosophy Hall	Montana Ray	3	14/14
ENGL 1010	012/13593	M W 1:10pm - 2:25pm 201b Philosophy Hall	Neda Jebelli	3	13/14
ENGL 1010	013/13546	M W 1:10pm - 2:25pm 307 Mathematics Building	Laura Gruszk	3	14/14
ENGL 1010	014/13595	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Meredith Tracey	3	12/14
ENGL 1010	018/13547	M W 2:40pm - 3:55pm 201b Philosophy Hall	Julie Moon	3	13/14
ENGL 1010	019/13548	M W 2:40pm - 3:55pm 408a Philosophy Hall	Ilana Gilovich	3	13/14
ENGL 1010	021/13549	M W 4:10pm - 5:25pm 408a Philosophy Hall	Emma Styles-Swaim	3	13/14
ENGL 1010	027/13550	T Th 8:40am - 9:55am 307 Mathematics Building	Emily Kuntz	3	14/14
ENGL 1010	028/13551	T Th 8:40am - 9:55am 408a Philosophy Hall	Rachel Rueckert	3	14/14
ENGL 1010	040/13552	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Emily Foster	3	13/14
ENGL 1010	041/13553	T Th 1:10pm - 2:25pm 307 Mathematics Building	Christine Klippenstein	3	14/14

ENGL 1010	042/13554	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Allen Durgin	3	14/14			201b Philosophy Hall			
						ENGL 1010	335/13571	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Anne Potter	3	14/14
ENGL 1010	044/13555	T Th 2:40pm - 3:55pm 307 Mathematics Building	Charlee Dyroff	3	14/14						
						ENGL 1010	339/13572	T Th 1:10pm - 2:25pm C01 80 Claremont	Catherine Suffern	3	13/14
ENGL 1010	048/13556	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Kiley Bense	3	14/14						
						ENGL 1010	346/13573	T Th 4:10pm - 5:25pm 502 Northwest Corner	Samuel Grabiner	3	13/14
ENGL 1010	050/13557	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Peter Kalal	3	14/14						
						ENGL 1010	404/13574	M W 10:10am - 11:25am 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	052/13558	T Th 5:40pm - 6:55pm 307 Mathematics Building	Andrea Penman- Lomeli	3	14/14						
						ENGL 1010	417/13575	M W 2:40pm - 3:55pm 411 Hamilton Hall	Chloe Howe Haralambous	3	14/14
ENGL 1010	053/13559	T Th 5:40pm - 6:55pm 313 Pupin Laboratories	Veronica Belafi	3	11/14						
						ENGL 1010	422/13576	M W 4:10pm - 5:25pm 253 Engineering Terrace	John Fitzgerald	3	14/14
ENGL 1010	060/13560	M W 5:40pm - 6:55pm 307 Mathematics Building	Theresa Lin	3	14/14						
						ENGL 1010	424/13577	M W 5:40pm - 6:55pm 318 Hamilton Hall	Rachel Finn- Lohmann	3	14/14
ENGL 1010	102/13561	M W 8:40am - 9:55am 408a Philosophy Hall	Katrina Dzyak	3	13/14						
						ENGL 1010	438/13578	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Shannon Hubbard	3	14/14
ENGL 1010	110/13562	M W 11:40am - 12:55pm 307 Mathematics Building	Sheila Byers	3	14/14						
						ENGL 1010	505/13579	M W 10:10am - 11:25am 201d Philosophy Hall	Brianna Williams	3	14/14
ENGL 1010	134/13563	T Th 11:40am - 12:55pm 401 Hamilton Hall	Alec Joyner	3	12/14						
						ENGL 1010	520/13580	M W 4:10pm - 5:25pm 201b Philosophy Hall	Joseph Fisher	3	13/14
ENGL 1010	145/13564	T Th 2:40pm - 3:55pm 502 Northwest Corner	B. Alston	3	14/14						
						ENGL 1010	533/13581	T Th 10:10am - 11:25am 401 Hamilton Hall	Adrianna Munson	3	11/14
ENGL 1010	147/13565	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Raffi Wartanian	3	12/14						
						ENGL 1010	536/13582	T Th 11:40am - 12:55pm 502 Northwest Corner	Reid Sharpless	3	13/14
ENGL 1010	223/13566	M W 4:10pm - 5:25pm 106b Lewisohn Hall	Mia Florin- Sefton	3	14/14						
						ENGL 1010	609/13583	M W 11:40am - 12:55pm 106b Lewisohn Hall	Antoinette Cooper	3	14/14
ENGL 1010	229/13567	T Th 8:40am - 9:55am 201b Philosophy Hall	Evyann Gainey	3	14/14						
						ENGL 1010	634/14065	T Th 10:10am - 11:25am 408a Philosophy Hall	Kristie Schlauraff	3	14/14
ENGL 1010	231/13568	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	13/14						
						ENGL 1010	637/13584	T Th 11:40am - 12:55pm 337 Seeley W. Mudd Building	Kelley Hess	3	14/14
ENGL 1010	243/13569	T Th 5:40pm - 6:55pm 224 Pupin Laboratories	Sarah Rosenthal	3	13/14						
						ENGL 1010	649/13585	T Th 4:10pm - 5:25pm 307 Mathematics Building	Christopher Williams	3	13/14
ENGL 1010	311/13570	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Abby Schroering	3	14/14						
						ENGL 1010	708/14059	M W 11:40am - 12:55pm 201d Philosophy Hall	Valeria Tsygankova	3	14/14
ENGL 1010	330/14061	T Th 10:10am - 11:25am	Alessia Palanti	3	13/14						
						ENGL 1010	725/13586	M W 5:40pm - 6:55pm 522c Kent Hall	Brett Mcmillan	3	13/14

ENGL 1010	915/13587	M 1:10pm - 2:25pm 106b Lewisohn Hall	Andrew Slater	3	14/14			Room TBA			
ENGL 1010	915/13587	W 1:10pm - 2:25pm 308a Lewisohn Hall	Andrew Slater	3	14/14	ENGL 1010	052/14361	T Th 5:40pm - 6:55pm Room TBA	Theresa Lin	3	2/14
ENGL 1010	926/13588	M W 5:40pm - 6:55pm 424 Kent Hall	Amber Paulen	3	13/14	ENGL 1010	053/14356	T Th 5:40pm - 6:55pm Room TBA	Sarah Ward	3	8/14
ENGL 1010	932/13589	Th 10:10am - 11:25am 212a Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	054/14357	T Th 5:40pm - 6:55pm Room TBA	Andrea Penman-Lomeli	3	2/14
ENGL 1010	932/13589	T 10:10am - 11:25am 602 Lewisohn Hall	Hannah Kauders	3	10/14	ENGL 1010	105/14663	M W 10:10am - 11:25am Room TBA	Katrina Dzyak	3	14/14
ENGL 1010	951/13590	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Eva Dunskey	3	14/14	ENGL 1010	108/14664	M W 11:40am - 12:55pm Room TBA	Sheila Byers	3	14/14
Spring 2020: ENGL CC1010						ENGL 1010	135/14665	T Th 11:40am - 12:55pm Room TBA	Alec Joyner	3	14/14
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
ENGL 1010	001/14333	M W 8:40am - 9:55am Room TBA	Aidan Levy	3	14/14	ENGL 1010	143/14666	T Th 2:40pm - 3:55pm Room TBA	Allen Durgin	3	14/14
ENGL 1010	002/14334	M W 8:40am - 9:55am Room TBA	Jeremy Stevens	3	6/14	ENGL 1010	144/14667	T Th 2:40pm - 3:55pm Room TBA	B. Alston	3	12/14
ENGL 1010	003/14335	M W 8:40am - 9:55am Room TBA	Adrian Muoio	3	13/14	ENGL 1010	147/14668	T Th 4:10pm - 5:25pm Room TBA	Raffi Wartanian	3	13/14
ENGL 1010	014/20088	M W 1:10pm - 2:25pm Room TBA	Laura Gruszka	3	13/14	ENGL 1010	221/14670	M W 4:10pm - 5:25pm Room TBA	Mia Florin-Sefton	3	14/14
ENGL 1010	015/14336	M W 1:10pm - 2:25pm Room TBA	Meredith Tracey	3	14/14	ENGL 1010	228/14671	T Th 8:40am - 9:55am Room TBA	Evyan Gainey	3	14/14
ENGL 1010	017/14337	M W 2:40pm - 3:55pm Room TBA	Neda Jebelli	3	14/14	ENGL 1010	233/14672	T Th 10:10am - 11:25am Room TBA	Frances Wood	3	14/14
ENGL 1010	018/14338	M W 2:40pm - 3:55pm Room TBA	Charlee Dyroff	3	14/14	ENGL 1010	251/14673	T Th 5:40pm - 6:55pm Room TBA	Sarah Rosenthal	3	14/14
ENGL 1010	019/14339	M W 2:40pm - 3:55pm Room TBA	Emily Foster	3	14/14	ENGL 1010	310/14687	M W 11:40am - 12:55pm Room TBA	Abby Schroering	3	14/14
ENGL 1010	026/14340	M W 5:40pm - 6:55pm Room TBA	Julia Sirmons	3	14/14	ENGL 1010	313/14691	M W 1:10pm - 2:25pm Room TBA	Samuel Grabiner	3	14/14
ENGL 1010	027/14341	M W 5:40pm - 6:55pm Room TBA	Peter Kalal	3	14/14	ENGL 1010	332/15052	T Th 10:10am - 11:25am Room TBA	Alessia Palanti	3	14/14
ENGL 1010	029/14342	T Th 8:40am - 9:55am Room TBA	Julie Moon	3	14/14	ENGL 1010	339/14692	T Th 1:10pm - 2:25pm Room TBA	Catherine Suffern	3	14/14
ENGL 1010	030/14343	T Th 8:40am - 9:55am Room TBA	Rachel Rueckert	3	12/14	ENGL 1010	341/14693	T Th 1:10pm - 2:25pm Room TBA	Milan Terlunen	3	14/14
ENGL 1010	042/14350	T Th 1:10pm - 2:25pm Room TBA	Christine Klippenstein	3	14/14	ENGL 1010	404/15053	M W 10:10am - 11:25am Room TBA	Rebecca Wisor	3	14/14
ENGL 1010	046/14353	T Th 2:40pm - 3:55pm Room TBA	Kiley Bense	3	14/14	ENGL 1010	416/14696	M W 2:40pm - 3:55pm Room TBA	Chloe Howe Haralambous	3	14/14
ENGL 1010	049/14354	T Th 4:10pm - 5:25pm Room TBA	Montana Ray	3	14/14	ENGL 1010	422/14697	M W 4:10pm - 5:25pm Room TBA	John Fitzgerald	3	13/14
ENGL 1010	050/14355	T Th 4:10pm - 5:25pm	Elizabeth McIntosh	3	14/14	ENGL 1010	425/14698	M 5:40pm - 6:55pm Room TBA	Rachel Finn-Lohmann	3	13/14

ENGL 1010	438/14701	T Th 11:40am - 12:55pm Room TBA	Thomas Wetmore	3	14/14
ENGL 1010	507/14705	M W 10:10am - 11:25am Room TBA	Brianna Williams	3	14/14
ENGL 1010	523/14706	M W 4:10pm - 5:25pm Room TBA	Joseph Fisher	3	14/14
ENGL 1010	536/14707	T Th 11:40am - 12:55pm Room TBA	Reid Sharpless	3	14/14
ENGL 1010	540/14708	T Th 1:10pm - 2:25pm Room TBA	Adrianna Munson	3	14/14
ENGL 1010	611/14709	M W 11:40am - 12:55pm Room TBA	Antoinette Cooper	3	14/14
ENGL 1010	631/15054	T Th 10:10am - 11:25am Room TBA	Kristie Schlauraff	3	14/14
ENGL 1010	637/14710	T Th 11:40am - 12:55pm Room TBA	Kelley Hess	3	14/14
ENGL 1010	648/14711	T Th 4:10pm - 5:25pm Room TBA	Christopher Williams	3	11/14
ENGL 1010	706/14712	M W 10:10am - 11:25am Room TBA	Ami Yoon	3	14/14
ENGL 1010	709/14713	M W 11:40am - 12:55pm Room TBA	Lauren Horst	3	13/14
ENGL 1010	720/15055	M W 4:10pm - 5:25pm Room TBA	Valeria Tsygankova	3	14/14
ENGL 1010	724/14714	M W 5:40pm - 6:55pm Room TBA	Brett Mcmillan	3	14/14
ENGL 1010	912/14731	M W 1:10pm - 2:25pm Room TBA	Eva Dunskey	3	14/14
ENGL 1010	934/14732	T Th 10:10am - 11:25am Room TBA	Hannah Kauders	3	4/14
ENGL 1010	945/14734	T Th 2:40pm - 3:55pm Room TBA	Andrew Slater	3	14/14

ENGL GS1010 University Writing, 3 points.

Prerequisites: Non-native English speakers must reach Level 10 in the American Language Program prior to registering for ENGL GS1010.

University Writing helps undergraduates engage in the conversations that form our intellectual community. By reading and writing about scholarly and popular essays, students learn that writing is a process of continual refinement of ideas. Rather than approaching writing as an innate talent, this course teaches writing as a learned skill. We give special attention to textual analysis, research, and revision practices. University Writing offers the following themed sections, all of which welcome students with no prior experience studying the theme. Students interested in a particular theme should register for the section within the specified range of section numbers. *UW: Contemporary Essays*

(sections from 001 to 069). Features contemporary essays from a variety of fields. *UW: Readings in American Studies* (sections in the 100s). Features essays that explore the culture, history, and politics that form American identity. *UW: Readings in Gender and Sexuality* (sections in the 200s). Features essays that examine relationships among sex, gender, sexuality, race, class, and other forms of identity. *UW: Readings in Film and Performing Arts* (sections in the 300s). Features essays that analyze a particular artistic medium (music, theater, film, photography...). *UW: Readings in Human Rights* (sections in the 400s). Features essays that investigate the ethics of belonging to a community and issues of personhood, identity, representation, and action. *UW: Readings in Data Sciences* (sections in the 500s). Features essays that study how our data-saturated society challenges conceptions of cognition, autonomy, identity, and privacy. *UW: Readings in Medical-Humanities* (sections in the 600s). Features essays that explore the disciplines of biomedical ethics and medical anthropology, to challenge our basic assumptions about medicine, care, sickness, and health. *University Writing for International Students* (sections in the 900s). Open only to international students, these sections emphasize the transition to American academic writing cultures through the study of contemporary essays from a variety of fields. For further details about these classes, please visit: <http://www.college.columbia.edu/core/uwp> (<http://www.college.columbia.edu/core/uwp/>).

Fall 2019: ENGL GS1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/13497	T Th 8:40am - 9:55am 201d Philosophy Hall	Matthew Fernandez	3	13/14
ENGL 1010	003/13499	M W 10:10am - 11:25am 652 Schermerhorn Hall	Austin Mantele	3	14/14
ENGL 1010	009/13506	M W 1:10pm - 2:25pm 201d Philosophy Hall	Sarah Ward	3	14/14
ENGL 1010	010/13507	M W 1:10pm - 2:25pm 502 Northwest Corner	Emily Hunt Kivel	3	14/14
ENGL 1010	011/13508	W 1:10pm - 2:25pm 408a Philosophy Hall	Aidan Levy	3	14/14
ENGL 1010	014/13509	M W 2:40pm - 3:55pm 222 Pupin Laboratories	Martin Larson-Xu	3	14/14
ENGL 1010	017/13511	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	023/13514	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Emily Weitzman	3	14/14
ENGL 1010	024/13515	T Th 5:40pm - 6:55pm 402 Hamilton Hall	Brianne Baker	3	12/14

ENGL 1010	113/13516	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Lindsey Cienfuegos	3	13/14	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
						ENGL 1010	001/14377	M W 8:40am - 9:55am Room TBA	Austin Mantele	3	10/14
ENGL 1010	204/13517	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Elizabeth Bowen	3	13/14	ENGL 1010	002/14387	T Th 8:40am - 9:55am Room TBA	Matthew Fernandez	3	11/14
ENGL 1010	219/13518	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Allen Durgin	3	14/14	ENGL 1010	007/14394	M W 11:40am - 12:55pm Room TBA	Patrick Moran	3	13/14
ENGL 1010	307/14062	T Th 11:40am - 12:55pm 201b Philosophy Hall	Alessia Palanti	3	13/14	ENGL 1010	010/14397	M W 1:10pm - 2:25pm Room TBA	Brianne Baker	3	14/14
						ENGL 1010	011/14401	M W 1:10pm - 2:25pm Room TBA	Emily Hunt Kivel	3	10/14
ENGL 1010	322/15296	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Buck Wanner	3	14/14	ENGL 1010	014/14405	T Th 1:10pm - 2:25pm Room TBA	Ilana Gilovich	3	11/14
ENGL 1010	405/13519	M W 11:40am - 12:55pm 201b Philosophy Hall	Rebecca Wisor	3	14/14	ENGL 1010	016/14413	M W 2:40pm - 3:55pm Room TBA	Emily Weitzman	3	6/14
ENGL 1010	420/13520	M W 5:40pm - 6:55pm 201d Philosophy Hall	Taleen Mardirossian	3	13/14	ENGL 1010	018/14419	T Th 2:40pm - 3:55pm Room TBA	Martin Larson-Xu	3	8/14
						ENGL 1010	025/14427	M W 7:10pm - 8:25pm Room TBA	Katherine Bergevin	3	7/14
ENGL 1010	525/13521	M W 7:10pm - 8:25pm 201b Philosophy Hall	Christina McCausland	3	14/14	ENGL 1010	026/14431	T Th 7:10pm - 8:25pm Room TBA	Zoe Pollak	3	5/14
ENGL 1010	608/13522	T Th 11:40am - 12:55pm 201d Philosophy Hall	Anna Waller	3	14/14	ENGL 1010	027/34739	T Th 4:10pm - 5:25pm Room TBA	Jason Ueda	3	2/14
ENGL 1010	609/14066	T Th 11:40am - 12:55pm 408a Philosophy Hall	Kristie Schlauraff	3	12/14	ENGL 1010	112/14638	T Th 1:10pm - 2:25pm Room TBA	Lindsey Cienfuegos	3	8/14
						ENGL 1010	204/14640	T Th 10:10am - 11:25am Room TBA	Elizabeth Bowen	3	12/14
ENGL 1010	701/13523	M W 8:40am - 9:55am 201b Philosophy Hall	Aaron Ritzenberg	3	13/14	ENGL 1010	220/14642	T Th 4:10pm - 5:25pm Room TBA	Allen Durgin	3	11/14
ENGL 1010	706/13524	M W 11:40am - 12:55pm 408a Philosophy Hall	Lauren Horst	3	13/14	ENGL 1010	309/15058	T Th 11:40am - 12:55pm Room TBA	Alessia Palanti	3	9/14
ENGL 1010	715/14063	M W 2:40pm - 3:55pm 106b Lewisohn Hall	Valeria Tsygankova	3	12/14	ENGL 1010	323/14644	T Th 5:40pm - 6:55pm Room TBA	Buck Wanner	3	4/14
ENGL 1010	721/13525	M W 5:40pm - 6:55pm 201b Philosophy Hall	Sumati Dwivedi	3	12/14	ENGL 1010	405/15059	M W 11:40am - 12:55pm Room TBA	Rebecca Wisor	3	14/14
						ENGL 1010	406/14646	M W 11:40am - 12:55pm Room TBA	Shannon Hubbard	3	1/14
ENGL 1010	912/13526	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Vanessa Guida	3	14/14	ENGL 1010	421/14648	M W 5:40pm - 6:55pm Room TBA	Taleen Mardirossian	3	7/14
ENGL 1010	916/13527	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Vanessa Guida	3	13/14	ENGL 1010	519/14649	M W 4:10pm - 5:25pm Room TBA	Christina McCausland	3	14/14
ENGL 1010	926/13528	T Th 7:10pm - 8:25pm 408a Philosophy Hall	Naomi Michalowicz	3	14/14	ENGL 1010	608/15060	T Th 11:40am - 12:55pm Room TBA	Kristie Schlauraff	3	11/14
						ENGL 1010	622/14652	M W 5:40pm - 6:55pm	Li Qi Peh	3	1/14

Spring 2020: ENGL GS1010

ENGL 1010	703/14657	Room TBA	Sumati Dwivedi	3	14/14
		M W 10:10am - 11:25am			
ENGL 1010	715/15061	Room TBA	Valeria Tsygankova	3	8/14
		M W 2:40pm - 3:55pm			
ENGL 1010	913/14658	Room TBA	Vanessa Guida	3	14/14
		T Th 1:10pm - 2:25pm			
ENGL 1010	917/14659	Room TBA	Vanessa Guida	3	14/14
		T Th 2:40pm - 3:55pm			
ENGL 1010	924/14661	Room TBA	Amber Paulen	3	11/14
		T Th 5:40pm - 6:55pm			

ETHNICITY AND RACE STUDIES

Center for the Study of Ethnicity and Race (<http://www.columbia.edu/cu/cser/>): 420 Hamilton; 212-854-0507

Program Co-Directors: Professors Mae Ngai (mn53@columbia.edu) and Karl Jacoby (kj2305@columbia.edu) | 425 Hamilton | 212-854-2564

Director of Undergraduate Studies: Prof. Deborah Paredez (<https://www.cser.columbia.edu/deborah-paredez/>), 425 Hamilton | 212-854-2564 | Office Hours: 1-3pm | Online Appointment Scheduling (<https://www.cser.columbia.edu/dus-appointment/>) | d.paredez@columbia.edu

Assistant Director: Josephine Caputo | 424 Hamilton Hall | 212-854-0510 | jc2768@columbia.edu

Founded in 1999, the Center for the Study of Ethnicity and Race (CSER) is an interdisciplinary intellectual space whose mission is to advance the most innovative teaching, research, and public discussion about race and ethnicity. To promote its mission, the Center organizes conferences, seminars, exhibits, film screenings, and lectures that bring together faculty, undergraduates, and graduate students with diverse interests and backgrounds. Moreover, CSER partners with departments, centers, and institutes at Columbia, as well as with colleagues and organizations on and off campus, in order to reach new audiences and facilitate an exchange of knowledge.

PROGRAMS OF STUDY

Ethnicity and Race Studies major and concentration encompass a variety of fields and interdisciplinary approaches to the critical study of ethnicity and race. What makes CSER unique is its attention to the comparative study of racial and ethnic categories in the production of social identities, power relations, and forms of knowledge in a multiplicity of contexts including the arts, social sciences, natural sciences, and humanities. In addition to

the major, CSER also offers a concentration in ethnicity and race studies.

In both the major and concentration, students have the opportunity to select from the following areas of specialization:

- Asian American studies
- Comparative ethnic studies
- Latino/a studies
- Native American/Indigenous studies
- Individualized courses of study

Faculty and students find this field exciting and important because it opens up new ways of thinking about two fundamental aspects of human social existence: race and ethnicity. Although various traditional disciplines such as history, sociology, anthropology, and literature, among others, offer valuable knowledge on race and ethnicity, ethnicity and race studies provides a flexible interdisciplinary and comparative space to bring the insights of various conceptual frameworks and disciplines together in critical dialogue.

Overall, this program introduces students to the study of ethnicity and race, and the deep implications of the subject matter for thinking about human bodies, identity, culture, social hierarchy, and the formation of political communities. The major encourages students to consider the repercussions of racial and ethnic identifications to local and global politics, and how race and ethnicity relates to gender, sexuality, and social class, among other forms of hierarchical difference.

Students majoring in ethnicity and race studies may focus their work on specific groups, such as Asian Americans, Latino/a, or Native Americans/Indigenous; or a comparative study of how race and ethnicity are formed and how conceptions of race and ethnicity transform and change over time and place. Students also have the option of designing an individualized course of study, which may encompass a wide variety of themes. Among the most studied are those involving the relationship between race, ethnicity and law; health; human rights; urban spaces; cultural production; visual culture; and the environment.

Due to its rigorous curriculum, which trains students in theory, history, and a wide range of modes of inquiry, the major enables students to follow multiple directions after graduation. According to our internal surveys, nearly half of CSER students continue to Ph.D. programs in history, anthropology, and ethnic studies, among other areas. A second significant number of students continue on to professions most notably related to law, public policy, medicine, human rights, community organizing, journalism, and the environment.

STUDY ABROAD

Students are encouraged to participate in study abroad programs, as they represent an exciting opportunity to learn new languages and live in countries that are germane to their areas of study. In addition, traveling abroad can enrich every student's intellectual

experience by providing an opportunity to learn about other perspectives on ethnicity and race.

In summer 2017 CSER, together with Columbia's Office of Global Programs (OGP) launched a pilot summer program in Mexico City in collaboration with the Centro de Investigación y Docencia Económicas--CIDE, a leading institution of higher education with a focus in the social sciences. The program consists of an intensive 5-week CSER core course, "Colonization-Decolonization," visits to various historical colonial sites and a field trip to Oaxaca. Professors Claudio Lomnitz and Manan Ahmed jointly taught the class. Eleven Columbia students participated in this exchange. For more information about the CSER 2018 Global Program in Mexico, please contact cser@columbia.edu

In the past, students have also participated in study abroad programs in Australia, Dominican Republic, Mexico, and South Africa. To ensure that study abroad complements the major and integrates effectively with the requirements of the major, students are encouraged to consult with CSER's undergraduate adviser as early in their academic program as possible. The director of undergraduate studies can advise students on what may be exciting programs for their areas.

DEPARTMENTAL HONORS

CSER majors may choose to write and/or produce an honors project. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing. If a monograph, the honors thesis is expected to be 35-50 pages in length. Honors projects can also take other forms, such as video or websites. These projects also require a written component, but of a shorter length than the traditional thesis. During their senior year, honors students perform research as part of CSER UN3990 (<http://bulletin.columbia.edu/search/?P=CSER%20UN3990/>) 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 (<http://www.college.columbia.edu/academics/dus/>) no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May.

In order to qualify for departmental honors, students must satisfy all the requirements for the major, maintain a GPA of at least 3.6 in the major, and complete a high quality honors project. In addition, each student is expected to meet periodically with his or her supervising project adviser and preceptor. Although the senior thesis is a prerequisite for consideration for departmental honors, all Ethnicity and Race studies majors are strongly encouraged to consider undertaking thesis work even if they do not wish to be considered for departmental honors.

CORE FACULTY AND EXECUTIVE COMMITTEE

Sayantani DasGupta (CSER, Professional Studies)
Jennifer Lee (Sociology)
Catherine Fennel (Anthropology)
Kevin Fellezs (Ethnomusicology and IRAAS)

Karl Jacoby CSER Co-Director (History)
Claudio Lomnitz (Anthropology)
Frances Negrón-Muntaner (English and Comparative Literature)
Mae Ngai CSER Co-Director (History)
Ana Maria Ochoa (Ethnomusicology)
Deborah Paredez (CSER and Professional Practice)
Audra Simpson (Anthropology)
Neferti Tadiar (Barnard, Women's Studies)

AFFILIATED FACULTY

Rachel Adams
Associate Professor, Department of English and Comparative Literature
View Profile (<http://english.columbia.edu/people/profile/369/>)

Carlos Alonso
Morris A. & Alma Schapiro Professor in the Humanities,
Department of Spanish and Portuguese
View Profile (<http://laic.columbia.edu/author/1953196319/>)

Vanessa Agard-Jones
Assistant Professor, Department of Anthropology
View Profile (<http://agardjones.org>)

Christina Duffy-Ponsa
Associate Professor of Law, Columbia Law School
View Profile (<http://web.law.columbia.edu/faculty/christina-ponsa/>)

Nadia Abu El-Haj
Professor of Anthropology

Kevin Fellezs
Assistant Professor, Music Department/Institute for Research in African American Studies
View Profile (<http://music.columbia.edu/people/bios/kfellezs/>)

Kaiama L. Glover
Associate Professor, French Department /African Studies Program, Barnard College
View Profile (<https://barnard.edu/profiles/kaiama-l-glover/>)

Steven Gregory
Associate Professor of Anthropology and African-American Studies, Department of Anthropology and Institute for Research in African-American Studies
View Profile (<http://anthropology.columbia.edu/people/profile/366/>)

Frank Guridy

Associate Professor of History
View Profile (<http://history.columbia.edu/faculty/Guridy.html>)

Kim Hall
Professor, Department of English, Barnard College
View Profile (<https://barnard.edu/profiles/kim-hall/>)

Jill Hill
Assistant Professor of Psychology and Education, Department of
Counseling & Clinical Psychology, Teachers College
View Profile (<http://www.tc.columbia.edu/faculty/jh2937/>)

Marianne Hirsch
Professor, Department of English and Comparative Literature
View Profile (<http://blogs.cuit.columbia.edu/mh2349/>)

Jean Howard
George Delacorte Professor in the Humanities, Department of
English and Comparative Literature
View Profile (<http://english.columbia.edu/people/profile/390/>)

Theodore Hughes
Professor of Korean Studies

Elizabeth Hutchinson
Associate Professor of Art History, Barnard
View Profile (<https://barnard.edu/profiles/elizabeth-hutchinson/>)

George Lewis
Edwin H. Case Professor of Music, Department of Music
View Profile (<http://music.columbia.edu/bios/george-e-lewis/>)

Ana Paulina Lee
Assistant Professor of Luso-Brazilian Studies, Department of Latin
American and Iberian Cultures
View Profile (<http://laic.columbia.edu/author/2568210888/>)

Natasha Lightfoot
Associate Professor of History

Celia Naylor
Associate Professor, Department of History and Africana Studies,
Barnard College
View Profile (<https://barnard.edu/profiles/celia-e-naylor/>)

Pablo Piccato
Professor, Department of History; Director, Institute of Latin
American Studies
View Profile (<http://history.columbia.edu/faculty/Piccato.html>)

Caterina Pizzigoni
Assistant Professor, Department of History
View Profile (<http://www.history.columbia.edu/faculty/Pizzigoni.html>)

Elizabeth A. Povinelli
Professor, Department of Anthropology
View Profile (<http://anthropology.columbia.edu/people/profile/354/>)

Samuel Roberts

Associate Professor, Department of History
View Profile (<http://history.columbia.edu/faculty/Roberts.html>)

Joseph Slaughter
Associate Professor, Department of English and Comparative
Literature
View Profile (<http://english.columbia.edu/people/profile/407/>)

Gray Tuttle
Leila Hadley Luce Associate Professor of Modern Tibetan Studies

Christopher Washburne
Associate Professor, Department of Ethnomusicology
View Profile (<http://mpp.music.columbia.edu/bios/chris-washburne/>)

MAJOR IN ETHNICITY AND RACE STUDIES

The requirements for this program were modified on September 28, 2018. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The major in ethnicity and race studies consists of a minimum of 27 points. All majors are required to take three core courses as listed below:

		Points
Core Courses		
1.		
CSER UN1010	Introduction to Comparative Ethnic Studies (or)	4
OR		
CSER UN1040	Critical Approaches to the Study of Ethnicity and Race	0
2.		
CSER UN3928	Colonization/Decolonization	4
OR		
CSER UN3942	Race and Racisms	4
3.		
CSER UN3919	Modes of Inquiry	4
Specialization		
All majors will select one of the areas of specialization listed below from which to complete their remaining coursework:		
Asian American studies		
Comparative ethnic studies		
Latino/a studies		
Native American/Indigenous studies		
Individualized courses of study		

Majors who elect NOT to follow the Honors track must complete at least five CSER elective courses, in consultation with their major adviser, within their area of specialization. At least one of these electives must be a writing-intensive seminar (3000 or above level courses must be chosen within the department). Majors who elect to follow the Honors track must complete at least four CSER elective courses, in consultation with their major adviser, within their area of specialization.

Honors

In lieu of a fifth elective, Honors majors are required to enroll in the following course in the spring semester of their senior year, during which they are required to write a thesis:

CSER UN3990	Senior Project Seminar	4
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Honors majors are required to present their senior essays at the annual undergraduate symposium in April. Students may fulfill this option in one of the following two ways:

1. By matriculating in the Senior Thesis course and writing the thesis under the supervision of the course faculty.
2. By taking an additional 4-point seminar where a major paper is required and further developing the paper into a thesis length work (minimum of 30 pages) under the supervision of a CSER faculty member.

Language Courses

- One of the following is highly recommended, although not required for the major:

- One course beyond the intermediate-level in language pertinent to the student's focus
- An introductory course in a language other than that used to fulfill the degree requirements, but that is pertinent to the student's focus
- A linguistics or other course that critically engages language
- An outside language and study abroad programs that include an emphasis on language acquisition

CONCENTRATION IN ETHNICITY AND RACE STUDIES

The requirements for this program were modified on September 28, 2018. 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:

Points

Core Courses

The concentration in ethnicity and race studies requires a minimum of 19 points. All students who choose a concentration are required to take two core course as listed below:

1.		
CSER UN1010	Introduction to Comparative Ethnic Studies (or)	4

OR

CSER UN1040	Critical Approaches to the Study of Ethnicity and Race	3
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2.

CSER UN3928	Colonization/Decolonization	4
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OR

CSER UN3942	Race and Racisms	4
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Specialization

Students must complete at least four courses, in consultation with their major adviser, in one of the following areas of specialization. At least one of the elective courses must be a seminar.

Asian American studies

Comparative ethnic studies

Latino/a studies

Native American/Indigenous studies

Individualized courses of study

FALL 2019

Ethnicity and Race Studies

CSER UN1040 Critical Approaches to the Study of Ethnicity and Race. 0 points.

This course provides an introduction to central approaches and concepts animating the investigation of race and ethnicity. We will not treat either of these categories of difference as a given, nor as separable from other axes of social difference. Rather, we will apply an interdisciplinary and intersectional framework to illuminate how these concepts have come to emerge and cohere within a number of familiar and less familiar socio-cultural and historical contexts. We will consider how racial and ethnic differentiation as fraught but powerful processes have bolstered global labor regimes and imperial expansion projects; parsed, managed, and regulated populations; governed sexed and gendered logics of subject and social formation; and finally, opened and constrained axes of self-understanding, political organization, and social belonging. Special attention will be given to broadening students' understanding of racial and ethnic differentiation beyond examinations of identity. Taken together, theoretical and empirical readings, discussions, and outside film screenings will prepare students for further coursework in race and ethnic studies, as well as fields such as literary studies, women's studies, history, sociology, and anthropology.

Fall 2019: CSER UN1040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1040	001/57870	M 2:10pm - 4:00pm 420 Hamilton Hall	Jennifer Lee	0	18/22

CSER UN1601 Introduction to Latino/a Studies. 3 points.

Enrollment limited to 101.

This course provides an introductory, interdisciplinary discussion of the major issues surrounding this nation's Latino population. The focus is on social scientific perspectives utilized by scholars in the field of Latino Studies. Major demographic, social, economic, and political trends are discussed. Key topics covered in the course include: the evolution of Latino identity and ethnicity; the main

Latino sub-populations in the United States; the formation of Latino communities in the United States; Latino immigration; issues of race and ethnicity within the Latino population; socioeconomic status and labor force participation of Latinos; Latino social movements; and the participation of Latinos in U.S. civil society.

CSER UN3490 Post 9/11 Immigration Policies. 4 points.
Enrollment limited to 22.

Since September 11, 2001, there has been an avalanche of immigration enforcement policies and initiatives proposed or implemented under the guise of national security. This course will analyze the domino effect of the Patriot Act, the Absconder Initiative, Special Registration, the Real I.D. Act, border security including the building of the 700-mile fence along the U.S./Mexico border, Secured Communities Act-that requires the cooperation of state and local authorities in immigration enforcement, the challenge to birthright citizenship, and now the congressional hearings on Islamic radicalization. Have these policies been effective in combating the war on terrorism and promoting national security? Who stands to benefit from these enforcement strategies? Do immigrant communities feel safer in the U.S.? How have states joined the federal bandwagon of immigration enforcement or created solutions to an inflexible, broken immigration system?

Fall 2019: CSER UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3490	001/57887	Th 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Elizabeth OuYang	4	22/22

ENGL UN3520 Introduction To Asian American Literature and Culture. 3 points.

This course is a survey of Asian North American literature and its contexts. To focus our discussion, the course centers on examining recurring cycles of love and fear in Asian North American relations from the late nineteenth to the twenty-first centuries. We will first turn to what became known as “yellow peril,” one effect of exclusion laws that monitored the entrance of Asians into the United States and Canada during the late nineteenth and twentieth centuries, and the corresponding phenomenon of Orientalism, the fascination with a binary of Asia and the West. The second section of the course will focus on how Asian North American authors respond to later cycles of love and fear, ranging from the forgetting of Japanese internment in North America and the occupation of the Philippines; to the development of the model minority mythology during the Cold War. The final section will examine intimacies and exclusions in contemporary forms of migration, diaspora, and community communities.

Fall 2019: ENGL UN3520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 3520	001/40447	T Th 11:40am - 12:55pm 517 Hamilton Hall	Denise Cruz	3	59/75
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CSER UN3904 Rumor and Racial Conflict. 4 points.

This course will take a transnational look at the strange ways that race and mass rumors have interacted. From the judicial and popular riots in the U.S. justified by recurrent rumors of African-American insurrection, to accusations that French Jews were players in the 'white slave trade,' to tales of white fat-stealing monsters among indigenous people of Bolivia and Peru, rumors play a key role in constructing, enforcing, and contesting regimes of racial identity and domination. In order to grasp rumor's importance for race, we will need to understand how it works, so our readings will cover both instances of racialized rumor-telling, conspiracy theories and mass panics, and some key approaches to how rumors work as a social phenomenon. The instructor will expect you to post a response to the reading on Courseworks each week and to engage actively in class discussion. There will be an in-class midterm exam, and you will be able to choose between writing an independent research project or doing a take-home exam.

Fall 2019: CSER UN3904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3904	001/57874	T 10:10am - 12:00pm 616 Hamilton Hall	Stuart Rockefeller	4	13/22

CSER UN3905 Asian Americans and the Psychology of Race. 4 points.

This seminar provides an introduction to mental health issues for Asian Americans. In particular, it focuses on the psychology of Asian Americans as racial/ethnic minorities in the United States by exploring a number of key concepts: immigration, racialization, prejudice, family, identity, pathology, and loss. We will examine the development of identity in relation to self, family, college, and society. Quantitative investigation, qualitative research, psychology theories of multiculturalism, and Asian American literature will also be integrated into the course.

Fall 2019: CSER UN3905

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3905	001/57885	M 10:10am - 12:00pm 707 Hamilton Hall	Shinhee Han	4	18/22

CSER UN3912 Race and Indigeneity in the Pacific. 4 points.

Since the so-called Age of Discovery, the Pacific has been conceptualized as a crossroads between the East and the West. By the twentieth century, places like Hawai'i came to be idealized as harmonious multicultural societies. Drawing from works within indigenous studies, ethnic studies, and critical race studies, students will address themes of sovereignty, settler colonialism, diaspora, and migration in order to interrogate and problematize the concept of the multicultural 'melting pot' across time.

CSER UN3919 Modes of Inquiry. 4 points.

Corequisites: CSER UN3921

This class, a combination of a seminar and a workshop, will prepare students to conduct, write up, and present original research. It has several aims and goals. First, the course introduces students to a variety of ways of thinking about knowledge as well as to specific ways of knowing and making arguments key to humanistic and social science fields. Second, this seminar asks students to think critically about the approaches they employ in pursuing their research. The course will culminate in a semester project, not a fully executed research project, but rather an 8-10 page proposal for research that will articulate a question, provide basic background on the context that this question is situated in, sketch preliminary directions and plot out a detailed methodological plan for answering this question. Students will be strongly encouraged to think of this proposal as related to their thesis or senior project. Over the course of the semester, students will also produce several short exercises to experiment with research techniques and genres of writing.

Fall 2019: CSER UN3919

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3919	001/57888	Th 10:10am - 12:00pm 420 Hamilton Hall	Sayantani DasGupta	4	9/18

CSER UN3922 Race and Representation in Asian American Cinema. 4 points.

Enrollment limited to 22.

This seminar focuses on the critical analysis of Asian representation and participation in Hollywood by taking a look at how mainstream American cinema continues to essentialize the Asian and how Asian American filmmakers have responded to Hollywood Orientalist stereotypes. We will analyze various issues confronting the Asian American, including yellowface, white patriarchy, male and female stereotypes, the “model minority” myth, depictions of “Chinatowns,” panethnicity, the changing political interpretations of the term “Asian American” throughout American history, gender and sexuality, and cultural hegemonies and privileging within the Asian community.

Fall 2019: CSER UN3922

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3922	001/57871	Th 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Eric Gamalinda	4	23/22

CSER UN3923 Latina/o and Asian American Memoir. 4 points.

In this class, we will explore Latino and Asian American memoir, focusing on themes of immigration and duality. How do we construct identity and homeland when we are ‘multiple’? How do we define ourselves and how do others define us? By reading some of the most challenging and exciting memoirs by Latino and Asian Americans, we will attempt to answer these questions and/or at least try to understand these transnational and multicultural experiences. This class combines the critical with the creative—

students have to read and critic memoirs as well as write a final 10-page nonfiction creative writing piece. Students will also have the opportunity to speak to some Latino and Asian authors in class or via SKYPE. Students will be asked to prepare questions in advance for the author, whose work(s) we will have read and discussed. This usually arises interesting and thought-provoking conversations and debates. This 'Dialogue Series' within the class exposes students to a wide-range of voices and offers them a deeper understanding of the complexity of duality.

Fall 2019: CSER UN3923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3923	001/57889	M 2:10pm - 4:00pm 613 Hamilton Hall	Nathalie Handal	4	17/22

CSER UN3926 Latin Music and Identity. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Latin music has had a historically strained relationship with mainstream music tastes, exploding in occasional 'boom' periods, and receding into invisibility in others. What if this were true because it is a space for hybrid construction of identity that directly reflects a mixture of traditions across racial lines in Latin America? This course will investigate Latin music's transgression of binary views of race in Anglo-American society, even as it directly affects the development of pop music in America. From New Orleans jazz to Texas *corridos*, salsa, rock, and reggaeton, Latin music acts as both as a soundtrack and a structural blueprint for the 21st century's multicultural experiment. There will be a strong focus on studying Latin music's political economy, and investigating the story it tells about migration and globalization.

Fall 2019: CSER UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3926	001/57890	T 4:10pm - 6:00pm 201 80 Claremont	Edward Morales	4	22/22

CSER UN3928 Colonization/Decolonization. 4 points.CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission. This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000. Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents.

Fall 2019: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 3928 001/57875 W 2:10pm - 4:00pm Karl Jacoby 4 19/22
420 Hamilton Hall

CSER UN3935 Historical Anthropology of the US-Mexico Border. 4 points.

Beginning in the 1980s, border crossing became an academic rage in the humanities and the social sciences. This was a consequence of globalization, an historical process that reconfigured the boundaries between economy, society, and culture; and it was also a primary theme of post-modernist aesthetics, which celebrated playful borrowing of multiple and diverse historical references. Within that frame, interest in the US-Mexican border shifted dramatically. Since that border is the longest and most intensively crossed boundary between a rich and a poor country, it became a paradigmatic point of reference. Places like Tijuana or El Paso, with their rather seedy reputation, had until then been of interest principally to local residents, but they now became exemplars of post-modern “hybridity,” and were meant to inspire the kind of transnational scholarship that is required in today’s world. Indeed, the border itself became a metaphor, a movable imaginary boundary that marks ethnic and racial distinction in American and Mexican cities. This course is an introduction to the historical formation of the US-Mexican border.

Spring 2020: CSER UN3935

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3935	001/11365	T 10:10am - 12:00pm 420 Hamilton Hall	Claudio Lomnitz	4	14/22

CSER GU4000 INTRO TO AMERICAN STUDIES. 3 points.

See department for course description

Fall 2019: CSER GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4000	001/57876	M 4:10pm - 6:00pm 420 Hamilton Hall	Matthew Sandler	3	13/22

CPLS GU4220 Narrative, Health, and Social Justice. 4 points.

Narrative medicine - its practice and scholarship - is necessarily concerned with issues of trauma, body, memory, voice, and intersubjectivity. However, to grapple with these issues, we must locate them in their social, cultural, political, and historical contexts. Narrative understanding helps unpack the complex power relations between North and South, state and worker, disabled body and able-body, bread-earner and child-bearer, as well as self and the Other (or, even, selves and others). If disease, violence, terror, war, poverty and oppression manifest themselves narratively, then resistance, justice, healing, activism, and collectivity can equally be products of a narrative based approach to ourselves and the world.

CSER GU4360 American Diva: Gender and Performance. 4 points.

What makes a diva a diva? How have divas shaped and challenged our ideas about American culture, performance, race, space, and capital during the last century? This seminar explores the central role of the diva—the celebrated, iconic, and supremely skilled

female performer—in the fashioning and re-imagining of racial, gendered, sexual, national, temporal, and aesthetic categories in American culture. Students in this course will theorize the cultural function and constitutive aspects of the diva and will analyze particular performances of a range of American divas from the 20th and 21st centuries and their respective roles in (re)defining American popular culture.

Fall 2019: CSER GU4360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4360	001/57877	T 10:10am - 12:00pm 420 Hamilton Hall	Deborah Paredes	4	22/25

CLEN GU4559 Literature and Intersectional Feminisms. 4 points.

The term “intersectional feminism” has seen renewed currency in the last year or so, but the methodologies and theories of intersectional feminisms have a much longer history. Kimberlé Crenshaw first theorized “intersectional feminism” as a critical framework in the 1990s. Crenshaw’s initial formation, however (as she herself has recognized), was conversant with a longer history of woman-of-color, transnational, and postcolonial feminisms. This seminar focuses on historicizing and examining contemporary literature through an intersectional approach that combines woman-of-color feminisms, transnational and global feminisms, postcolonial studies, queer studies, and disability studies. How do these texts imagine these crossings? What possible complexities, conflicts, or coalitions emerge? Since formal innovation has long been critical to foundational work in gender and sexuality studies scholars and writers, who often weave together art, practice, and politics, we will read theory as literature and literature as theory, and we will closely analyze links between intersectional feminisms and form, aesthetics, and genre.

Ecology, Evolution, and Environmental Biology

EEEB GU4321 Human Nature: DNA, Race & Identity. 4 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law.

Fall 2019: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/54953	W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack, Marya Pollack	4	16/20

Spring 2020: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/15751	W 2:10pm - 4:00pm Room TBA	Robert Pollack, Marya Pollack	4	18/20

SPRING 2020

Ethnicity and Race Studies

CSER UN1011 Introduction to Asian American Studies. 4 points.

This course provides an overview of Asian/ Pacific American history from the late 18th Century until the present day. The course surveys significant and interrelated topics -- including anti-Asian movements, immigration and exclusion, various forms of resistance, Orientalism, media representations, the model minority myth, the Asian American movement, identity, and racial, ethnic, and generational conflicts. Specifically it will explore historical and contemporary Asian American issues and rights.

Spring 2020: CSER UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1011	001/50619	T 12:10pm - 2:00pm Room TBA	Glenn Magpantay	4	22/22

CSER UN3701 US Latina/o Cultural Production. 4 points.

Enrollment limited to 22.

The course will investigate the possibility that hybrid constructions of identity among Latinos in the U.S. are the principal driving force behind the cultural production of Latinos in literature and film. There will be readings on the linguistic implications of "Spanglish" and the construction of Latino racial identity, followed by examples of literature, film, music, and other cultural production that provide evidence for bilingual/bicultural identity as a form of adaptation to the U.S. Examples will be drawn from different Latino ethnicities from the Caribbean, Mexico, and the rest of Latin America.

Spring 2020: CSER UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3701	001/50612	T 4:10pm - 6:00pm Room TBA	Edward Morales	4	22/22

CSER UN3940 Comparative Study of Constitutional Challenges Affecting African, Latino, and Asian American Communities. 4 points.

This course will examine how the American legal system decided constitutional challenges affecting the empowerment of African, Latino, and Asian American communities from the 19th century to the present. Focus will be on the role that race, citizenship, capitalism/labor, property, and ownership played in the court decision in the context of the historical, social, and political conditions existing at the time. Topics include the denial of citizenship and naturalization to slaves and immigrants, government sanctioned segregation, the struggle for reparations for descendants of slavery, and Japanese Americans during World War II.

Spring 2020: CSER UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 3940	001/50620	Th 10:10am - 12:00pm Room TBA	Elizabeth OuYang	4	20/20
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CSER UN3942 Race and Racisms. 4 points.

In this class we will approach race and racism from a variety of disciplinary and intellectual perspectives, including: critical race theory/philosophy, anthropology, history and history of science and medicine. We will focus on the development and deployment of the race concept since the mid-19th century. Students will come to understand the many ways in which race has been conceptualized, substantiated, classified, managed and observed in the (social) sciences, medicine, and public health. We will also explore the practices and effects of race (and race-making) in familiar and less familiar social and political worlds. In addition to the course's intellectual content, students will gain critical practice in the seminar format -- that is, a collegial, discussion-driven exchange of ideas.

Spring 2020: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/50596	W 2:10pm - 4:00pm Room TBA	Catherine Fennell	4	16/30

CSER UN3970 Arabs in Literature and Film. 4 points.

This course explores contemporary Arab American and the Arab Diaspora culture and history through literature and film produced by writers and filmmakers of these communities. As a starting historical point, the course explores the idea of *Arabness*, and examines the Arab migration globally, in particular to the U.S., focusing on three periods: 1875-1945, 1945-early 1960s, and late 1960s-present. By reading and viewing the most exciting and best-known literary works and films produced by these writers and filmmakers, students will attain an awareness of the richness and complexity of these societies. Additionally, students will read historical and critical works to help them have a deeper understanding of these creative works. Discussions revolve around styles and aesthetics as well as identity and cultural politics. Some of the writers the class will cover include, Wajdi Mouawad, Diana Abu Jaber, Amin Maalouf, Tahar Ben Jelloun, Anthony Shadid (http://www.nationalbook.org/nba2012_nf_shadid.html), Hisham Matar, and Adhaf Soueif.

Spring 2020: CSER UN3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3970	001/50613	M 2:10pm - 4:00pm Room TBA	Nathalie Handal	4	11/20

CSER UN3990 Senior Project Seminar. 4 points.

The Senior Paper Colloquium will focus primarily on developing students' ideas for their research projects and discussing their written work. The course is designed to develop and hone the skills necessary to complete the senior paper. Students will receive guidance in researching for and writing an advanced academic paper. Conducted as a seminar, the colloquium provides the students a forum in which to discuss their work with each other. The CSER preceptor, who facilitates the colloquium, will also provide students with additional academic support, supplementary

to the advice they receive from their individual faculty sponsors. While most of the course will be devoted to the students' work, during the first weeks of the term, students will read and discuss several ethnic studies-oriented texts to gain insight into the kinds of research projects done in the field.

Spring 2020: CSER UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3990	001/50597	Th 10:10am - 12:00pm 420 Hamilton Hall	Darius Echeverria	4	5/17

CSER GU4340 Visionary Medicine: Racial Justice, Health and Speculative Fictions. 4 points.

In Fall 2014, medical students across the U.S. staged die-ins as part of the nationwide #blacklivesmatter protests. The intention was to create a shocking visual spectacle, laying on the line “white coats for black lives.” The images were all over social media: students of all colors, dressed in lab coats, lying prone against eerily clean tile floors, stethoscopes in pockets, hands and around necks. One prone student held a sign reading, “Racism is Real.” These medical students’ collective protests not only created visual spectacle, but produced a dynamic speculative fiction. What would it mean if instead of Michael Brown or Eric Garner or Freddie Gray, these other, more seemingly elite bodies were subjected to police violence? In another viral image, a group of African American male medical students from Harvard posed wearing hoodies beneath their white coats, making clear that the bodies of *some* future doctors could perhaps be more easily targeted for state-sanctioned brutality. “They tried to bury us,” read a sign held by one of the students, “they didn’t realize we were seeds.” Both medicine and racial justice are acts of speculation; their practices are inextricable from the practice of imagining. By imagining new cures, new discoveries and new futures for human beings in the face of illness, medicine is necessarily always committing acts of speculation. By imagining ourselves into a more racially just future, by simply imagining ourselves any sort of future in the face of racist erasure, social justice activists are similarly involved in creating speculative fictions. This course begins with the premise that racial justice is the bioethical imperative of our time. It will explore the space of science fiction as a methodology of imagining such just futures, embracing the work of Asian- and Afroturism, Cosmos Latinos and Indigenous Imaginaries. We will explore issues including Biocolonialism, Alien/nation, Transnational Labor and Reproduction, the Borderlands and Other Diasporic Spaces. This course will be seminar-style and will make central learner participation and presentation. The seminar will be inter-disciplinary, drawing from science and speculative fictions, cultural studies, gender studies, narrative medicine, disability studies, and bioethics. Ultimately, the course aims to connect the work of science and speculative fiction with on the ground action and organizing.

Spring 2020: CSER GU4340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 4340	001/50621	W 10:10am - 12:00pm 420 Hamilton Hall	Sayantani DasGupta	4	20/20
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CSER GU4350 Cinema of Subversion: Responses to Authoritarianism in Global Cinema. 4 points.

Russian filmmaker Andre Tarkovsky said that “the artist has no right to an idea in which he is not socially committed.” Argentine filmmaker Fernando Solanas and Spanish-born Octavio Getino postulated an alternative cinema that would spur spectators to political action. In this course we will ask the question: How do authoritarian governments influence the arts, and how do artists respond? We will study how socially committed filmmakers have subverted and redefined cinema aesthetics to challenge authoritarianism and repression. In addition, we will look at how some filmmakers respond to institutional oppression, such as poverty and corruption, even within so-called “free” societies. The focus is on contemporary filmmakers but will also include earlier classics of world cinema to provide historical perspective. The course will discuss these topics, among others: What is authoritarianism, what is totalitarianism, and what are the tools of repression within authoritarian/totalitarian societies? What is Third Cinema, and how does it represent and challenge authoritarianism? How does film navigate the opposition of censorship, propaganda and truth? How do filmmakers respond to repressive laws concerning gender and sexual orientation? How do they deal with violence and trauma? How are memories of repressive regimes reflected in the psyche of modern cinema? And finally, what do we learn about authority, artistic vision, and about ourselves when we watch these films?

Spring 2020: CSER GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4350	001/50615	Th 4:10pm - 6:00pm Room TBA	Eric Gamalinda	4	20/20

CSER UN3924 Latin American and Latina/o Social Movements. 4 points.

In Latin America, a wave of new popular social movements have been transforming politics and social reality. In the United States, latino/as are building on decades of organizing and demographic growth to claim a new public persona and challenge their marginal status. What are the significant areas of political action, and how can we understand them? What claims can those disenfranchised for reasons of race, class, or national origin make on societies? Indigenous survival movements in Brazil, multi-ethnic electoral alliances in Bolivia, growing Afro-Colombian assertion, Dominican community organizing in New York City, and poetic post-marxist guerrillas in Mexico are just a few of the new forms of social activism that are transforming class, ethnic identity, and citizenship throughout the Americas, and combating the dominance of free-market social and economic policies. We will discuss a number of important social movements throughout the region, while developing tools for understanding social movements and their possibilities. This class is designed to give you an opportunity to do independent research; as a result, it will demand your intensive engagement, and your willingness both to master the information and tools we go over in class, and

to pursue a specific topic of your own choosing. Students will all write a term paper based on independent research.

Spring 2020: CSER UN3924

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3924	001/11364	T 10:10am - 12:00pm Room TBA	Stuart Rockefeller	4	18/22

CSER UN3913 Video as Inquiry. 4 points.

The goal of this course is to familiarize students with visual production, particularly video production, as a mode of inquiry to explore questions related to race, ethnicity, indigeneity, and other forms of social hierarchy and difference. The class will include readings in visual production as a mode of inquiry and on the basic craft of video production in various genres (fiction, documentary, and experimental). As part of the course, students will produce a video short and complete it by semester's end.

Spring 2020: CSER UN3913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3913	001/11498	T 2:10pm - 4:00pm 420 Hamilton Hall	Frances Negron-Muntaner	4	14/12

CSER UN1010 Introduction to Comparative Ethnic Studies. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Students MUST register for a Discussion Section.

Introduction to the field of comparative ethnic studies.

Spring 2020: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/11371	M W 4:10pm - 5:25pm Room TBA	Mae Ngai	4	120/120

CSER UN3934 Black/Brown History of Rock and Roll. 4 points.

This course is designed to get students to think more deeply about the ethno-racial roots—and routes—of rock and roll music as a national, historical phenomenon. In this class, we'll conceive rock and roll broadly to include peripheral genres which are related to or derived from its origins, including rhythm and blues, jazz, soul, funk, boogaloo, salsa, disco, and hip-hop, to thread together and discuss the relationships between music, identity, and race in the United States. Latinxs and African Americans have played significant, if underrecognized, roles in shaping American popular music; the cultural connections and musical interactivity between these communities are lesser understood in popular narratives of postwar American music. To this end, this course will uncover a broad social, racial, national, and transnational history of rock and roll to understand how musicians of color innovated long-standing musical traditions in their communities; maintained cultural and political links within the diaspora; and navigated regional racial schemas in the United States and Latin America.

Spring 2020: CSER UN3934

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3934	001/16702	M 10:10am - 12:00pm 420 Hamilton Hall	Alex LaRotta	4	22/22

CSER UN3935 Historical Anthropology of the US-Mexico Border. 4 points.

Beginning in the 1980s, border crossing became an academic rage in the humanities and the social sciences. This was a consequence of globalization, an historical process that reconfigured the boundaries between economy, society, and culture; and it was also a primary theme of post-modernist aesthetics, which celebrated playful borrowing of multiple and diverse historical references. Within that frame, interest in the US-Mexican border shifted dramatically. Since that border is the longest and most intensively crossed boundary between a rich and a poor country, it became a paradigmatic point of reference. Places like Tijuana or El Paso, with their rather seedy reputation, had until then been of interest principally to local residents, but they now became exemplars of post-modern "hybridity," and were meant to inspire the kind of transnational scholarship that is required in today's world. Indeed, the border itself became a metaphor, a movable imaginary boundary that marks ethnic and racial distinction in American and Mexican cities. This course is an introduction to the historical formation of the US-Mexican border.

Spring 2020: CSER UN3935

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3935	001/11365	T 10:10am - 12:00pm 420 Hamilton Hall	Claudio Lomnitz	4	14/22

CSER GU4484 Cultural Rights as Human Rights. 4 points.

The seminar will situate the historical, legal and political analysis within the context of current debates of human rights theory, cultural relativism, racism, "dialogue among civilizations", the post- September 11th era and the increasingly prominent phenomenon of destruction of cultural heritage. Reviewing international legal instruments, national and international practice, jurisprudence and literature of the last sixty years, and using a multidisciplinary approach, the seminar will explore what cultural rights mean both as individual and as collective human rights, with special references to the rights of minorities and indigenous peoples, women, migrants and other groups, offering a vision for pluricultural democratic and peaceful societies.

Spring 2020: CSER GU4484

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4484	001/11370	T 4:10pm - 6:00pm 420 Hamilton Hall	Elsa Stamatopoulou	4	18/18

FILM AND MEDIA STUDIES

Departmental Office: 513 Dodge; 212-854-2815
<http://arts.columbia.edu/film> (<http://arts.columbia.edu/film/>)

Director of Undergraduate Studies: Prof. Robert King, 509C Dodge Hall; 212-854-2815; rk2704@columbia.edu. Office hours: Wednesdays, 2–5 p.m.

The major in film studies is scholarly, international in scope, and writing-intensive. Students choose to major in film if they want to learn more about the art form, from technology to cultural significance; want to work in the film industry; or are interested in a major that combines arts and humanities.

Students usually declare the major toward the end of the second year by meeting with the departmental adviser; together, they create a program of twelve required courses within the major, often supplemented by courses outside the department. In the lecture classes and seminars, there tends to be a mixed population of undergraduate majors and graduate film students.

Students have the opportunity to gain additional experience by taking advantage of internship opportunities with film companies, working on graduate student films, and participating in the Columbia Undergraduate Film Productions (CUFP), an active, student-run organization that provides film-making experience to Columbia undergraduate producers and directors. In addition to careers in screenwriting, directing, and producing, alumni have gone on to work in film distribution, publicity, archives, and festivals, and to attend graduate school to become teachers and scholars.

The trajectory of the major is from introductory-level courses (three are required), to intermediate and advanced-level courses (two are required, plus seven electives). While film studies majors take workshops in screenwriting and film-making, the course of study is rooted in film history, theory, and culture.

The prerequisite for all classes is *Introduction to Film and Media Studies* (FILM UN1000) offered each term at Columbia as well as at Barnard, and open to first-year students. Subsequently, majors take a combination of history survey courses; workshops ("Labs"); and advanced classes in theory, genre study, national cinemas, auteur study, and screenwriting.

The educational goal is to provide film majors with a solid grounding in the history and theory of film; its relation to other forms of art; and its synthesis of visual storytelling, technology, economics, and sociopolitical context, as well as the means to begin writing a script and making a short film.

Students who wish to graduate with honors must take the Senior Seminar in Film Studies (FILM UN3900), writing a thesis that reflects mastery of cinematic criticism. The essay is submitted

after the winter break. Students decide upon the topic with the professor and develop the essay during the fall semester.

Since film courses tend to be popular, it is imperative that students attend the first class. Registration priority is usually given to film majors and seniors.

DEPARTMENTAL HONORS

In order to qualify for departmental honors, students must take FILM UN3900 Senior Seminar in Film Studies, have a GPA of at least 3.75 in the major and distinction in their overall achievements in film study. The department submits recommendations to the undergraduate honors committees for confirmation. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

FACULTY

Vito Adriaenssens
 Nico Baumbach
 Loren-Paul Caplin
 Jane Gaines
 Jerome Game
 Ronald Gregg
 Annette Insdorf
 Caryn James
 Robert King
 Richard Peña
 James Schamus
 Edward Turk

MAJOR IN FILM STUDIES

The major in film studies requires a minimum of 36 points distributed as follows:

Introductory Courses

FILM UN1000	Introduction to Film and Media Studies
FILM GU4000	Film and Media Theory

History Courses

Select two of the following courses, one of which must either be FILM UN2010 or FILM UN2020:

FILM UN2010	Cinema History 1: Beginning-1930
FILM UN2020	Cinema History 2: 1930-60
FILM UN2030	Cinema History 3: 1960-90
FILM UN2040	Cinema History 4: after 1990

Laboratories

Select one of the following courses:

FILM UN2410	Laboratory in Writing Film Criticism
FILM UN2510	Laboratory in Fiction Filmmaking
FILM UN2420	Laboratory in Screenwriting
FILM UN2520	Laboratory In Nonfiction Filmmaking

Electives

Select seven of the following electives, one of which must be an international course:

FILM UN1010	Genre Study
FILM UN2310	The Documentary Tradition
FILM UN2190	Topics in American Cinema
FILM UN3020	Interdisciplinary Studies
FILM UN3900	Senior Seminar in Film Studies
FILM UN3910	Senior Seminar in Filmmaking
FILM UN3920	Senior Seminar in Screenwriting
FILM UN3925	Narrative Strategies in Screenwriting
FILM UN3930	Seminar in International Film
FILM UN3950	Seminar in Media: Seriality
FILM UN2400	Script Analysis
FILM UN3010	Auteur Study
FILM UN2290	Topics in World Cinema: Arab and Africa
FILM GU4310	Experimental Film and Media
FILM GU4320	New Directions in Film and Philosophy
FILM GU4910	Seeing Narrative

FILM UN1000 Introduction to Film and Media Studies. 3 points.

Lecture and discussion. Priority given to declared film majors. Fee: \$75.

Prerequisites: Discussion section FILM UN1001 is a required corequisite

This course serves as an introduction to the study of film and related visual media, examining fundamental issues of aesthetics (mise-en-scene, editing, sound), history (interaction of industrial, economic, and technological factors), theory (spectatorship, realism, and indexicality), and criticism (auteurist, feminist, and genre-based approaches). The course also investigates how digital media change has been productive of new frameworks for moving image culture in the present. FILM UN1001 is required discussion section for this course.

Fall 2019: FILM UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/98369	T 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Robert King	3	89/100
FILM 1000	001/98369	Th 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Robert King	3	89/100

Spring 2020: FILM UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/16581	T 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Jane Gaines	3	30/60
FILM 1000	001/16581	Th 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Jane Gaines	3	30/60

FILM UN1010 Genre Study. 3 points.

Fee: Course Fee - 75

Prerequisites: This lecture course will have 3 discussion sections, capped at 20, listed as UN 1011 Genre Study - Disc. There will also be a film screening, scheduled immediately after one of the lecture sessions.

This course examines how globalization and the global success of American blockbuster films have affected Hollywood film production, stardom, distribution, and exhibition. The course will analyze blockbuster aesthetics, including aspects of special effects, 3-D, sound, narration, genre, and editing. We will also study the effects of new digital technologies on Hollywood and the cross-pollination among Hollywood, art house, and other national cinemas. Finally, we will examine the effects of 9/11, the “war on terrorism,” climate change and other global concerns on marketing, aesthetics and other aspects of this cinema

Fall 2019: FILM UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1010	001/98518	W 2:40pm - 3:55pm Kob Lenfest Center For The Arts	Ronald Gregg	3	41/75
FILM 1010	001/98518	M 2:40pm - 5:25pm Kob Lenfest Center For The Arts	Ronald Gregg	3	41/75

FILM UN2010 Cinema History 1: Beginning-1930. 3 points.

Discussion Section Required

This course rethinks the “birth of cinema” from the vantage of “when old media was new.” Following standard approaches, it moves from *actualities* to fiction, from the “cinema of attractions” to narrative, from the *cinématographe* to cinema, from cottage industry to studio system. Units in silent film music, early genres, film piracy and copyright, word and moving image, and restoration—the film archivist’s dilemma in the digital era. FILM W2011

Spring 2020: FILM UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2010	001/16584	F 10:00am - 1:45pm 511 Dodge Building	Vito Adriaenssens	3	37/40

FILM UN2020 Cinema History 2: 1930-60. 3 points.

Discussion Section Required
Priority given to film majors. Fee: \$75.

This course examines major developments and debates in the history of cinema between 1930 and 1960, from the consolidation of the classic Hollywood studio system in the early sound era to the articulation of emergent “new waves” and new critical discourses in the late 1950s. Our approach will be interdisciplinary in scope, albeit with an emphasis on social and cultural history – concerned not only with how movies have developed as a form of art and medium of entertainment, but also with cinema’s changing function as a social institution. FILM W2021

Fall 2019: FILM UN2020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2020	001/98433	W 10:10am - 11:25am Kob Lenfest Center For The Arts	Richard Pena	3	35/75
FILM 2020	001/98433	M 10:10am - 12:55pm Kob Lenfest Center For The Arts	Richard Pena	3	35/75

FILM UN2030 Cinema History 3: 1960-90. 3 points.

Discussion Section Required

Priority given to film majors and seniors. Fee: \$75.

By closely watching representative classics from countries including Italy, Poland, Russia and Argentina, we will study the distinctive trends and masters of this vibrant era. Special attention will be paid to the French New Wave (60s); the New German Cinema (70s); the reformulation of Hollywood studio filmmaking in the 70s (Altman, Cassavetes, Coppola), and the rise of the independent American cinema (80s). FILM W2031

Fall 2019: FILM UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2030	001/98456	W 2:00pm - 5:45pm 511 Dodge Building	Annette Insdorf	3	31/65

FILM UN2040 Cinema History 4: after 1990. 3 points.

Discussion Section Required

This course brings our survey of the development of the art, technology, and industry of motion images up to the present. During this era, most people no longer watched movies (perhaps the most neutral term) in theaters, and digital technology came to dominate every aspect of production, distribution, and exhibition. Highlighted filmmakers include Michael Haneke, Lars von Trier, Wong Kar-wei, and Steve McQueen. Topics range from contemporary horror to animation. Requirements: short (2-3 pages) papers on each film shown for the class and a final, take-home exam. FILM W2041

Spring 2020: FILM UN2040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2040	001/16587	T 10:00am - 1:45pm 511 Dodge Building		3	52/59

FILM UN2190 Topics in American Cinema. 3 points.

Once associated with images of fishnet-costumed fans of The Rocky Horror Picture Show, the concept of the “cult film” has gone increasingly mainstream in recent years. This course seeks to assess the popularization of the phenomenon, asking: what exactly is a cult film? And what does the mainstreaming of the concept suggest about our changing relation to today’s media environment? Whereas most types of film can be defined through widely recognized elements of story and setting (tumbleweed, deserts, gunfights: it’s a western), this is far from being the case with cult. Some have defined the cult film as “created” by audiences (again, Rocky Horror); others in terms of nonclassical

or aberrant modes of textuality (e.g. various forms of “bad taste” cinema). This course, however, seeks to go beyond audience- and text-based definitions, instead placing cult within a series of historical contexts: as an outgrowth of film industry practices that sustained the low cultural status of certain movie types during the classical Hollywood cinema (e.g. B movies, exploitation, etc.); as the product of audience reception practices, shaped by the politics of cultural taste and “camp” viewing practices that first coalesced during the “midnight movie” phenomenon of the late 1960s/1970s; as sustained by the transnational flow of media content, offering new frameworks for understanding “national” cinemas. In offering such an approach, this course seeks to isolate the different uses to which “cult” has been put, in order to indicate how pervasive and adaptable the idea has recently become. As we will see, the cult phenomenon implies both a perspective on the past, hence inseparable from the experience of nostalgia, as well as an engagement with our media-driven present. Corequisite FILM UN2191.

Fall 2019: FILM UN2190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2190	004/44884	M 10:00am - 1:50pm 511 Dodge Building	James Schamus	3	26/60

Spring 2020: FILM UN2190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2190	001/16591	T 10:10am - 11:25am Kob Lenfest Center For The Arts	Robert King	3	64/100
FILM 2190	001/16591	Th 10:10am - 12:55pm Kob Lenfest Center For The Arts	Robert King	3	64/100

FILM UN2290 Topics in World Cinema: Arab and Africa. 3 points.

FILM W2291

FILM UN2292 Topics in World Cinema: China. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Fee: Course Fee - 75

The international revelation of Chinese cinema in the 1980s was one of the great events both for film studies and film production in the past fifty years: the depth and richness of the classic cinemas of the PRC, Hong Kong and Taiwan were complemented by the emergence of exciting new films and filmmakers from each of those film cultures. This course will trace the history and development of filmmaking in mainland China and Hong Kong, from the Shanghai cinema of the 1930s to recent examples of digital media production, examining changes in film style and technique within the context of ever-shifting political currents and production models. A special focus will be the ongoing dialogue between Chinese film and international trends ranging from realism to postmodernism.

FILM UN2293 Topics in World Cinema: China Discussion. 0 points.

See above. This submission is to generate a course number for the discussion section to go with the lecture course.

FILM UN2294 World Cinema: Latin America. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An overview of the major developments in the art and industry of cinema in Latin America, ranging from its earliest days to the most recent works of the digital era. The interaction of Latin American filmmakers with international movements such as neorealism, modernism, *cinema vérité*, and postmodernism will be addressed. Among the filmmakers to be studied are Luis Buñuel, Glauber Rocha, Raúl Ruiz and Lucrecia Martel.

Students will discover the major industrial trends as well as artistic currents that have defined Latin American cinema, as well as have the chance to analyze a number of key works both in terms of their varying approaches to filmmaking as well as their resonance with political/social/historical issues.

FILM UN2295 World Cinema: Latin America - Discussion Section. 0 points.

Not offered during 2019-20 academic year.

Discussion section lead by a Teaching Assistant to review lecture, reading and screening.

FILM UN2310 The Documentary Tradition. 3 points.

Film screening, lecture, and discussion. Fee: \$75.

This class offers an introduction to the history of documentary cinema and to the theoretical and philosophical questions opened up by the use of moving images to bear witness, persuade, archive the past, or inspire us to change the future.

How are documentaries different than fiction films? What is the role of aesthetics in relation to facts and evidence in different documentary traditions? How do documentaries negotiate appeals to emotions with rational argument? From the origins of cinema to our current "post-truth" digital age, we will look at the history of how cinema has attempted to shape our understanding of reality. FILM W2311

Spring 2020: FILM UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2310	001/16596	M 2:00pm - 5:45pm 511 Dodge Building	Nico Baumbach	3	54/58

FILM UN2400 Script Analysis. 3 points.

Lecture and discussion. Fee: \$50.

The dramatic and cinematic principles of screen storytelling, including dramaturgy, character and plot development, use of camera, staging, casting, sound, editing, and music. Diverse narrative techniques, story patterns, dramatic structures, and artistic and genre forms are discussed, and students do

screenwriting exercises. FILM UN2401 discussion section is required

FILM UN2410 Laboratory in Writing Film Criticism. 3 points.

Priority is given to film majors.

Prerequisites: the instructor's permission. Applicants must submit a writing sample, approximately 3 pages long, to cj2374@columbia.edu for permission to register. Focusing on new and recent films, this course will help students improve their ability to analyze film, and to create strong arguments in an original voice (a skill that translates to other kinds of writing, including film pitches). In addition to screenings and discussions, we will do in-class writing, and evaluate recently published criticism. The course is based on the assumption that there is no right or wrong opinion, just better or worse arguments, which the course and the instructor's individual comments on papers will help you refine. Regular writing assignments include short reviews and longer essays. Prerequisite: Non-majors require instructor's permission. Submit a short writing sample to cj2374@columbia.edu. Film majors should register on-line, and you will be moved from the Wait List to the roster. Note: because permission is required, on-line registration may say the course is full when it is not.

Fall 2019: FILM UN2410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2410	001/98505	M 2:00pm - 5:00pm 504 Dodge Building	Caryn James	3	12/12

FILM UN2420 Laboratory in Screenwriting. 3 points.

Open to film majors only.

Exercises in the writing of film scripts.

Fall 2019: FILM UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/98408	W 9:30am - 12:30pm 513f Dodge Building	Chloe Sarbib	3	12/12
FILM 2420	002/98406	F 10:00am - 1:00pm 513f Dodge Building	Minka Bleakley	3	10/12

Spring 2020: FILM UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/16655	Th 2:00pm - 5:00pm 605 Dodge Building	Charlotte Benbeniste	3	11/12
FILM 2420	002/16656	T 2:00pm - 5:00pm 504 Dodge Building	Peter Forbes	3	8/12

FILM UN2510 Laboratory in Fiction Filmmaking. 3 points.

Open to film majors only. Fee: \$75.

Exercises in the use of video for fiction shorts.

Fall 2019: FILM UN2510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2510	001/98604	W 9:30am - 12:30pm 508 Dodge Building	Tae Jung Choi	3	10/12

Spring 2020: FILM UN2510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2510	001/16657	M 10:00am - 1:00pm 508 Dodge Building	Max McGillivray	3	6/12

FILM UN2520 Laboratory In Nonfiction Filmmaking. 3 points.

Open to film majors only. Fee: \$75.

Exercises in the use of video for documentary shorts.

Spring 2020: FILM UN2520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2520	001/16658	M 2:00pm - 5:00pm Room TBA	Cameron Nelson	3	8/12

FILM UN3010 Auteur Study. 3 points.

Fee: \$50.

Section 2 Kieslowski and Has Spring 2019

This seminar in Auteur Study explores the cinematic work of two renowned Polish artists. While Krzysztof Kieslowski is the more famous filmmaker--best known for such classics as *Three Colors: Blue, White, Red* and *Decalogue*--the motion pictures of Wojciech Has are ripe for rediscovery. His stylistically audacious adaptations include *The Hourglass Sanatorium* and *The Saragossa Manuscript*. Through in-class screenings, discussions, and readings, we will focus on the formal, political and thematic richness of these films. Requirements include weekly attendance, punctuality, classroom participation, a midterm paper (5 - 7 pages), and a final paper (10 - 12 pages).

Section 1 Spring 2020 LUBITSCH AND WILDER

The course focuses on romantic comedy, censorship, and the representation of sexual modernity in the Hollywood films of the directors Ernst Lubitsch and Billy Wilder. Additionally, the course explores the tensions between the Hollywood industry's censorship code and Austrian/German Jewish emigre filmmakers' strategies to subvert it.

Spring 2020: FILM UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3010	001/16660	Th 10:00am - 1:45pm 403 Dodge Building	Ronald Gregg	3	15/15

FILM UN3020 Interdisciplinary Studies. 3 points.

Fee: \$75.

We will explore how films from a variety of countries--notably Germany, Poland, France, Italy and the U.S.--have attempted to grapple with the legacy of the Shoah. Through close reading of such motion pictures as *THE SHOP ON MAIN STREET*, *THE PAWNBROKER*, *SEVEN BEAUTIES*, *PARTISANS OF VILNA*, *KORCZAK* and *GENGHIS COHN*, we will discuss the possibilities and limitations of Holocaust representation onscreen.

Spring 2020: FILM UN3020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3020	001/16662	Th 2:00pm - 5:45pm 507 Dodge Building	Annette Insdorf	3	13/18

FILM UN3900 Senior Seminar in Film Studies. 3 points.

Fee: \$30.

A seminar for senior film majors planning to write a research paper in film history/theory/culture. Course content changes yearly.

Fall 2019: FILM UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3900	001/98398	Th 2:00pm - 5:30pm 504 Dodge Building	Annette Insdorf	3	9/12

FILM UN3910 Senior Seminar in Filmmaking. 3 points.

Prerequisites: FILM UN2420 or FILM UN2510

An advanced directing workshop for senior film majors who have already completed *FILM UN2420* or *FILM UN2510*.

FILM UN3915 Advanced Film Production Practice. 3 points.

Prerequisites: FILM UN2510 or FILM UN2520

Advanced Film Production Practice is an advanced production and lecture course for students who wish to obtain a deeper understanding of the skills involved in screenwriting, directing and producing. Building on the fundamentals established in the Labs for Fiction and Non-Fiction Filmmaking, this seminar further develops each student's grasp of the concepts involved in filmmaking through advanced analytical and practical work to prepare Thesis film materials.

Short films are the gateway for any writer/director or producer seeking a career in film. From pitch to script to final film, students learn the importance of identifying and developing producible ideas and scripts that feature a strong directorial "voice." Starting with a close analysis of successful short films, students then apply those principles in writing, directing and producing their own Thesis short film. A study of the marketplace for short films (festivals and distribution) and the industry and academic options available to emerging filmmakers, enables students to develop an action plan for the completed Thesis short film.

Fall 2019: FILM UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3915	001/98396	M 10:00am - 1:00pm 403 Dodge Building	Benjamin Leonberg	3	10/12

FILM UN3920 Senior Seminar in Screenwriting. 3 points.

A seminar for senior film majors. Students will complete a step outline and minimum of 30 pages of their project, including revisions. Through reading/viewing and analyzing selected scripts/films, as well as lectures, exercises and weekly critiques, students will expand their understanding of dramatic writing and narrative-making for film and TV, including adaptations. They will learn

appropriate structure for each specific screen-writing form, and endeavor to apply their understanding of drama, character, theme, and structure to their chosen narrative project.

Fall 2019: FILM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3920	001/98394	Th 10:00am - 1:00pm 504 Dodge Building	Loren-Paul Caplin	3	14/15

FILM UN3925 Narrative Strategies in Screenwriting. 3 points.

Prerequisites: *FILM W2420*.

This workshop is primarily a continuation of *Senior Seminar in Screenwriting*. Students will either continue developing the scripts they began in *Senior Seminar in Screenwriting*, or create new ones including a step outline and a minimum of 30 pages. Emphasis will be placed on character work, structure, theme, and employing dramatic devices. Weekly outlining and script writing, concurrent with script/story presentation and class critiques, will ensure that each student will be guided toward the completion of his or her narrative script project.

Spring 2020: FILM UN3925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3925	001/16668	M 10:00am - 1:00pm 403 Dodge Building	Loren-Paul Caplin	3	13/12

FILM UN3930 Seminar in International Film. 3 points.

Section 001 taught by Annette Insdorf Spring 2018. This is a course about Polish Cinema.

Section 002 taught by Edward Turk Fall 2018. Study of major films in the seven-decade career of Jeanne Moreau, the performing artist who is widely recognized as France's greatest actress of the post-World War II era and who has also been a pioneering female director. Topics include: the value for film criticism and history of conceptualizing the performer as a creative auteur; Moreau's manner(s) of film acting and role realization; the risks and the productive consequences of her serving as "muse" to such male directors as Louis Malle, François Truffaut, Orson Welles, Joseph Losey, Rainer Werner Fassbinder, and Paul Mazursky, and as a creative partner to such female directors as Marguerite Duras and Josée Dayan; her embodiments and projections of sexuality and sensuality and how they differ from those of other so-called "screen love goddesses" (Brigitte Bardot, Elizabeth Taylor, Sophia Loren, Simone Signoret, Catherine Deneuve); Moreau's own work as a director of feature-length films; the rewards and burdens of international stardom and the challenge of being expected to "represent" France and its cinema; growing old in the public eye and life-long strategies for career renewal and sustainability.

FILM UN3950 Seminar in Media: Seriality. 3 points.

From streaming to binge-viewing, *Serial* to *Breaking Bad*, seriality is a preeminent framework for the orchestration of contemporary media production and consumption. This course explores histories and theories of seriality as a recurrent trope of media cultures over the last century and more. To this end, the course adopts a

comparative media perspective, exploring seriality in its varied textual manifestations across diverse media forms (the penny press, early cinema, television, podcasts, and social media). It also focuses on the range of functions that seriality has performed, as, e.g., a mode for the systematization of mass cultural reproduction, as a framework for the integration of fan networks and media systems, even as a vehicle for the creation of national and political communities.

FILM UN3960 Intro to Experimental Film & Video. 3 points.

This course provides an overview of experimental film and video since the early 20th century European art movements (abstract, Dada, Surrealism), including the emergence of American experimental film in the 1940s, post-World War II underground experimental films, structuralist films and early video art in the 1960s and 70s, post-1960s identitarian experimental work, the emergence of digital video in museums and online in the 1990s to the present. The course surveys and analyses a wide range of experimental work, including the artists Hans Richter, Luis Bunuel, Salvador Dali, Joseph Cornell, Maya Deren, Andy Warhol, Stan Brakhage, Michael Snow, Martha Rosler, Vito Acconci, Barbara Hammer, Su Friedrich, Julie Dash, Isaac Julien, Matthew Barney, Ryan Trecartin, and others. The course will study the structural, aesthetic and thematic links between mainstream and avant-garde cinema, theater, and art movements, and will place the films in their economic, social, and political contexts.

Spring 2020: FILM UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3960	001/16669	T 10:00am - 1:00pm 504 Dodge Building	Ronald Gregg	3	15/15

FILM GU4000 Film and Media Theory. 3 points.

Fee: \$50.

An introduction to some of the major texts in film theory, with particular attention to film theory's evolving relations to a number of philosophical issues: the nature of the aesthetic; the relation of symbolic forms to the construction of human subjectivities; narrative and the structure of experience; modernity, technology, popular culture, and the rise of mass political formations; and meaning, intention, and authorship. FILM Q4001

Fall 2019: FILM GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4000	001/44867	T 2:00pm - 5:45pm 511 Dodge Building	Jason LaRiviere	3	47/70

FILM GU4300 African American Film & Media. 3 points.

This seminar will offer a survey and critical assessment of African American film and visual cultures from the early 20th century to the contemporary moment, covering early race films, intersections with Hollywood, independent filmmaking, and popular television. In this seminar, we will explore Black aesthetics and spectatorship, issues of representation, Black pain and suffering, the Black radical

tradition, and intersections of race, gender and sexuality in media and visual culture.

Spring 2020: FILM GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4300	001/16670	M 2:00pm - 5:45pm 508 Dodge Building		3	15/15

FILM GU4310 Experimental Film and Media. 3 points.

This course provides an overview of experimental moving images from the European "city symphonies" and abstract films of the 1920s to the flowering of the American postwar avant-garde; from the advent of video art in the 1960s to the online viral videos and digital gallery installations of today. The class thus surveys the artists, institutions, and viewers that have fostered moving image art throughout the history of film, and asks students to consider the historical, social, and institutional forces that have engendered oppositional, political, and aesthetically radical cinemas. A central premise of the course is that technological developments such as video and new media are not historical ruptures, but part of an ongoing tradition of moving-image art making. Other core topics include the consideration of the meaning and use-value of the avant-garde, the issue of "artists' film and video" as opposed to "experimental film," and the thorny relationship between avant-garde and commercial filmmaking.

FILM GU4320 New Directions in Film and Philosophy. 0 points.

FILM GU4910 Seeing Narrative. 3 points.

Prerequisites: the instructor's permission.

An advanced film theory "workshop" in which we shall avoid reading film theory in favor of a selection of other texts, taken mainly from the domains of art history, philosophy, and literature. Our central question will be: What can filmmakers and film theorists learn from discourses about vision and its relation to narrative that pre-date the cinema, or that consider the cinema only marginally?

FILM GU4940 Queer Cinema. 3 points.

This course examines themes and changes in the (self-)representation of lesbians, gay men, bisexuals, and transgender people in cinema from the early sound period to the present. It pays attention to both the formal qualities of film and filmmakers' use of cinematic strategies (mise-en-scene, editing, etc.) designed to elicit certain responses in viewers and to the distinctive possibilities and constraints of the classical Hollywood studio system, independent film, avant-garde cinema, and world cinema; the impact of various regimes of formal and informal censorship; the role of queer men and women as screenwriters, directors, actors, and designers; and the competing visions of gay, progay, and antigay filmmakers. Along with considering the formal properties of film and the historical forces that shaped it, the course explores what cultural analysts can learn from film. How can we treat film as evidence in historical analysis? We will consider the films we see as evidence that may shed new light on historical problems and periodization, and will also use the films

to engage with recent queer theoretical work on queer subjectivity, affect, and culture.

FILM GU4950 Visual Bodies: From Cinema to New Media. 3 points.

How is the human body, in its diversity, portrayed on screen? And how may filmic languages—from cinema to new media—be affected by the multifaceted experience of our embodied dimension? In this course we will examine the intricate relationship between cinema and the body as a paradigmatic way to study how moving images are seen, made, and experienced today. From a plurality of standpoints (historical, formal, theoretical) and across a wide range of corpus (documentary, fiction, experimental, new media, art cinema), we will ask ourselves how different filmic discourses are able to represent and explore the creative faculties but also the darker sides of the body, its gestures, desires, impulses or drives. We will investigate how they can account for the cognitive, gender, cultural, technological and political revolutions associated with the body throughout history, with a particular emphasis on contemporary contexts of new images, mediascapes, and practices. Focusing on several key-sites of the (post-)modern condition—cosmopolitan/metropolitan experiences, narrative technologies, pluralist (dis-)identifications, transmedial mobility, immanent temporalities—the course will offer rich critical opportunities to make sense of contemporary bodies via moving images, and *vice versa*.

Theoretical/critical works read in class will include texts by Bergson, Epstein, Pierce, Deleuze, Bellour, Elsaesser, Doane, Lastra...

The course is organized around lectures/seminars and film screenings. Students are expected to participate fully by carrying out assessed readings and writing assignments, actively involve in classroom discussions/viewings, and give scheduled oral presentations.

FILM GU4951 NEW MEDIA ART. 3 points.

The rapid democratization of technology has led to a new wave of immersive storytelling that spills off screens into the real world and back again. These works defy traditional constraints as they shift away from a one-to-many to a many-to-many paradigm, transforming those formerly known as the audience from passive viewers into storytellers in their own right. New opportunities and limitations offered by emergent technologies are augmenting the grammar of storytelling, as creators wrestle with an ever-shifting digital landscape.

New Media Art pulls back the curtain on transmedial works of fiction, non-fiction, and emergent forms that defy definition. Throughout the semester we'll explore projects that utilize Artificial Intelligence, Virtual Reality, Augmented Reality and the Internet of Things, alongside a heavy-hitting selection of new media thinkers, theorists, and critics.

The course will be co-taught as a dialogue between artistic practice and new media theory. Lance Weiler, a new media artist and founder of Columbia's Digital Storytelling Lab, selected the media artworks; Rob King, a film and media historian, selected

the scholarly readings. It is in the interaction between these two perspectives that the course will explore the parameters of emerging frontiers in media art and the challenges these pose for existing critical vocabularies.

Fall 2019: FILM GU4951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4951	001/98569	M 2:00pm - 5:00pm 403 Dodge Building	Lance Weiler, Robert King	3	18/18

FRENCH AND ROMANCE PHILOLOGY

Departmental Office: 515 Philosophy; 212-854-2500 or 212-854-3208

<http://www.columbia.edu/cu/french/>

Director of Undergraduate Studies: Prof. Thomas Dodman, 505 Philosophy; 212-854-3715; td2551@columbia.edu

Director of the Language Program: Dr. Pascale Hubert-Leibler, 519 Philosophy; 212-854-4819; ph2028@columbia.edu

Academic Department Administrator: Isabelle Chagnon, 515 Philosophy; 212-854-7978; ic7@columbia.edu

The Department of French and Romance Philology offers a major and concentration in French, as well as a major and concentration in French and Francophone studies. Students who are primarily interested in French literature should consider the major in French. Students who are interested in French history and civilization, and in the literature and culture of the Francophone world, should consider the major in French and Francophone studies.

Major in French

The major in French gives students an in-depth familiarity with the language, culture, and literature of France and the French-speaking world. After completing the four-semester language requirement, students take courses in advanced grammar, and composition to refine their skills in reading, speaking, and writing French. In a required two-semester survey course (FREN UN3333-FREN UN3334), they receive a comprehensive overview of the development of French literature from the Middle Ages to the present day. After completing these core courses, French majors are encouraged to pursue individual interests; a wide range of language, literature, and cultural studies courses is available. Small classes and seminars allow for individual attention and enable students to work closely with faculty members. Advanced elective courses on French literature, history, philosophy, and cinema allow students to explore intellectual interests, perfect critical reading skills, and master close reading techniques.

The capstone course is the senior seminar, in which students study a range of texts and critical approaches and are encouraged to synthesize their learning in previous courses. The optional senior essay, written under the direction of a faculty member, introduces students to scholarly research. To be considered for departmental honors, students must complete the senior essay.

Major in French and Francophone Studies

The major in French and Francophone studies provides an interdisciplinary framework for the study of the history, literature, and culture of France and parts of the world in which French is an important medium of culture. Students explore the history and contemporary applications of concepts such as citizenship, national unity, secularism, and human rights, and explore central issues including universalism/relativism, tradition/modernity, and religion/state as they have developed in France and its colonies/former colonies since the 18th century.

Students take a series of required courses that includes:

- French grammar and composition/stylistics, essential to achieving proficiency in French language;
- FREN UN3420 Introduction To French and Francophone Studies I-FREN UN3421 Introduction To French and Francophone Studies II;
- FREN UN3995 Senior Seminar.

Having completed these courses, students take courses in related departments and programs, e.g., history, anthropology, political science, women's studies, human rights, art history, to fulfill the interdisciplinary portion of the major. To ensure methodological focus, three of these courses should be taken within a single field (e.g., history, music, anthropology, or political science), or in relation to a single issue or world region, e.g., West Africa.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

Students beginning the study of French at Columbia must take four terms of the following two-year sequence:

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test administered by the Center for Student Advising, 403 Lerner. An SAT score of 780 or a score of 4 on the AP exam satisfies the language requirement.

The Barnard course, FREN BC1204 Intermediate II does **not** fulfill the undergraduate language requirement.

Language Proficiency Courses

Elementary and intermediate French courses help students develop an active command of the language. In FREN 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 Course 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 one of the 2-point conversation courses offered at intermediate and advanced levels. Conversation courses generally may not be counted toward the major. The exception is the special 3-point advanced conversation course, FREN UN3498 French Cultural Workshop, offered in the fall, designed to meet the needs of students planning to study abroad at Reid Hall.

ADVANCED PLACEMENT

- AP score of 4: The department grants 0 credits for a score of 4 on the AP French Language exam, but the foreign language requirement is satisfied.
- AP score of 5 or DELF: The department grants 3 credits for a score of 5 on the AP French Language exam, or for the completion of DELF (Diplôme d'Etudes en Langue Française). Students are awarded this credit after they take a 3000-level French course (taught in French, for at least 3 points) and obtain a grade of B or above in that course.
- DALF C1 level or IB HL score of 6 or 7: The department grants 6 credits for the C1 level of DALF (Diplôme Approfondi de Langue Française), or for a score of 6 or 7 on the International Baccalaureate (IB) Higher Level (HL) exam. Students have no obligation to take higher-level French courses in order to receive these 6 credits, but restrictions apply on the use of these credits toward the French major.

LANGUAGE LABORATORY AND ON-LINE MATERIALS

Language laboratories located in the International Affairs Building provide opportunities for intensive practice in French pronunciation and aural comprehension. French courses typically make extensive use of on-line interactive materials that students can access from their own computer terminals.

MAISON FRANÇAISE

Students interested in French should acquaint themselves with the Maison Française, which houses a reading room of French newspapers, periodicals, books, and videos, and sponsors lectures/discussions by distinguished French visitors to New York City. With its weekly French film series, book club, café-conversation

and other events, the Maison Française offers an excellent opportunity for students to perfect their language skills and enhance their knowledge of French and Francophone culture.

STUDY ABROAD

Because a direct experience of contemporary French society is an essential part of the program, majors and concentrators are strongly encouraged to spend either a semester or a year at Reid Hall-Columbia University in Paris, or at another French or Francophone university. During their time abroad, students take courses credited toward the major and, in some cases, also toward other majors (e.g. history, art history, political science).

For information on study abroad, visit the OGP website at www.ogp.columbia.edu (<http://www.ogp.columbia.edu/>), call 212-854-2559, or e-mail studyabroad@columbia.edu. For a list of approved study abroad programs, visit <http://www.ogp.columbia.edu/index.cfm?FuseAction=Programs.ListAll> (<http://www.ogp.columbia.edu/index.cfm?FuseAction=Programs.ListAll/>).

Reid Hall, Paris

Located at 4 rue de Chevreuse, Paris, Reid Hall is administered by Columbia University. It offers semester and year-long programs of study, as well as summer courses.

Most students who study at Reid Hall take courses in the French university system (e.g., at the Sorbonne) and core courses offered at Reid Hall. In their first semester, students take a course in academic writing in French, enabling them to succeed at a high level in French university courses. Special opportunities include small topical seminars of Reid Hall students and French students.

For information on study abroad at Reid Hall, visit www.ogp.columbia.edu (<http://www.ogp.columbia.edu/>).

GRADING

Students who wish to use toward the major or concentration a course in which a grade of D has been received must consult with the director of undergraduate studies.

DEPARTMENTAL HONORS

Majors who wish to be considered for departmental honors should consult with the director of undergraduate studies. To be eligible, students must have a grade point average of at least 3.7 in major courses and have completed an approved senior thesis under the guidance of a faculty member at Columbia or Reid Hall. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

UNDERGRADUATE PRIZES

The Department of French and Romance Philology awards the following prizes to students enrolled in courses in the department:

1. Prize for Excellence in French Studies: awarded to a highly promising student in an intermediate or advanced French course;
2. Senior French Prize: awarded to an outstanding graduating major.

Professors

- Madeleine Dobie
- Antoine Compagnon
- Souleymane Bachir Diagne
- Pierre Force
- Elisabeth Ladenson
- Camille Robcis
- Emmanuelle Saada
- Joanna Stalnaker

Associate Professors

- Peter Connor (Barnard)

Assistant Professors

- Thomas Dodman
- Aubrey Gabel
- Eliza Zingesser

Visiting Professors

- Etienne Balibar

Senior Lecturers

- Vincent Aurora
- Heidi Holst-Knudsen
- Pascale Hubert-Leibler
- Sophie Queuniet

Lecturers

- Alexandra Borer
- Pascale Crépon
- Samuel Skippon
- Eric Matheis

MAJOR IN FRENCH

The program of study should be planned before the end of the sophomore year with the director of undergraduate studies.

The major in French requires a minimum of 33 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Third Year Grammar and Composition
FREN UN3333 - FREN UN3334	Introduction to Literary Study I and Introduction to Literary Studies II
FREN UN3600	France, Past and Present. An Introduction 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 and Composition, but must replace the course by taking an advanced elective.

The following Columbia French courses are **not applicable** to the French major or concentration:

FREN UN1101	Elementary French I
FREN UN1102	Elementary French II
FREN UN1105	Accelerated Elementary French
FREN UN2101	INTERMEDIATE FRENCH I
FREN UN2102	Intermediate Course II
FREN UN2106	RAPID READING AND TRANSLATION
FREN UN2121	INTERMED CONVERSATN FRENCH I
FREN UN2122	INTERMED CONVERSATN FRENCH II
FREN UN3131	Third-Year Conversation I
FREN UN3132	Third-Year Conversation II

CONCENTRATION IN FRENCH

The requirements for this program were modified on March 1, 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The concentration in French requires a minimum of 24 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Third Year Grammar and Composition
FREN UN3333 - FREN UN3334	Introduction to Literary Study I and Introduction to Literary Studies II
FREN UN3600	France, Past and Present. An Introduction 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.

MAJOR IN FRENCH AND FRANCOPHONE STUDIES

The requirements for this program were modified on February 14, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The program of study should be planned before the end of the sophomore year with the director of undergraduate studies.

The major in French and Francophone studies requires a minimum of 33 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Third Year Grammar and Composition
FREN UN3420	Introduction To French and Francophone Studies I
FREN UN3421	Introduction To French and Francophone Studies II
FREN UN3995	Senior Seminar

Select one course on Francophone/postcolonial French literature.

The remaining six courses (18 points) are to be chosen from upper-level offerings in French and other disciplines. Nine (9) of these points must be taken in a discipline other than French literature. To ensure focus, these interdisciplinary electives must fall within a single discipline of subject area. Courses must be pre-approved by the director of undergraduate studies. One of the advanced electives may be a senior essay written under the direction of a faculty member affiliated with the French and Francophone studies committee or teaching at Reid Hall. Majors who choose to write a senior essay at Columbia should register for the senior tutorial course in their adviser's home department.

Note the following:

- FREN BC3006 Composition and Conversation is not applicable to either the French and Francophone studies major or concentration. Other Barnard College French courses may be taken with the approval of the director of undergraduate studies;
- Heritage speakers can be exempted from FREN UN3405 Third Year Grammar and Composition, but must replace the course by taking an advanced elective.

The following Columbia French courses are not applicable to the French and Francophone studies major or concentration:

FREN UN1101	Elementary French I
FREN UN1102	Elementary French II
FREN UN1105	Accelerated Elementary French
FREN UN2101	INTERMEDIATE FRENCH I
FREN UN2102	Intermediate Course II
FREN UN2106	RAPID READING AND TRANSLATION
FREN UN2121	INTERMED CONVERSATN FRENCH I
FREN UN2122	INTERMED CONVERSATN FRENCH II
FREN UN3131	Third-Year Conversation I
FREN UN3132	Third-Year Conversation II

CONCENTRATION IN FRENCH AND FRANCOPHONE STUDIES

The requirements for this program were modified on March 1, 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The concentration in French and Francophone studies requires a minimum of 24 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Third Year Grammar and Composition
FREN UN3420	Introduction To French and Francophone Studies I
FREN UN3421	Introduction To French and Francophone Studies II

One course on Francophone/postcolonial French literature.

The remaining four courses (12 points) are to be chosen from upper-level offerings in French and other disciplines. Six (6) of these points must be taken in a discipline other than French literature. To ensure focus, these interdisciplinary elective courses must fall within a single discipline or subject area. Courses must be pre-approved by the director of undergraduate studies.

LANGUAGE

FREN UN1101 Elementary French I. *4 points.*

The aim of the beginning French sequence (French 1101 and French 1102) is to help you to develop an active command of the language. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context, in order to achieve basic communicative proficiency.

Fall 2019: FREN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/50927	T Th F 8:40am - 9:55am 522c Kent Hall	Emily Paull	4	11/18
FREN 1101	002/50928	M T W Th 8:50am - 9:55am 317 Hamilton Hall	Kaitlyn Matrassi	4	17/18
FREN 1101	003/50929	M T W Th 10:10am - 11:15am 318 Hamilton Hall	Zachary Desjardins-Mooney	4	15/18
FREN 1101	004/50930	T Th F 10:10am - 11:25am 201a Philosophy Hall	Anna Langewiesche	4	14/18
FREN 1101	005/50931	M T W Th 11:40am - 12:45pm 316 Hamilton Hall	Noah Mintz	4	18/18
FREN 1101	006/50932	M T W Th 1:10pm - 2:15pm 501 Milbank Hall	Hayet Sellami	4	17/18
FREN 1101	007/50933	T Th F 1:10pm - 2:25pm 405 Kent Hall	Katherine Manansala	4	13/18
FREN 1101	008/51007	T Th F 4:10pm - 5:25pm 522c Kent Hall	Joo Kyung Lee	4	6/18
FREN 1101	009/51008	T Th F 2:40pm - 3:55pm 315 Hamilton Hall	Andre Pettman	4	13/18
FREN 1101	010/51009	M W Th 6:10pm - 7:25pm 201a Philosophy Hall	Alexandre Bournery	4	13/18

Spring 2020: FREN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/12202	M T W Th 8:50am - 9:55am Room TBA	Pascale Crepon	4	18/18
FREN 1101	002/12203	M T W Th 10:10am - 11:25am Room TBA	Eric Matheis	4	14/18
FREN 1101	003/12204	T Th F 11:40am - 12:55pm Room TBA	Elsa Stephan	4	18/18
FREN 1101	004/12205	M T W Th 1:10pm - 2:15pm Room TBA	Eric Matheis	4	11/18
FREN 1101	005/12206	T Th F 1:10pm - 2:25pm Room TBA	Elsa Stephan	4	8/18
FREN 1101	006/12207	M W F 2:40pm - 3:55pm Room TBA	Christopher Wood	4	12/18

FREN 1101	007/12208	M W Th 6:10pm - 7:25pm Room TBA	Christopher Wood	4	18/18
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FREN UN1102 Elementary French II. *4 points.*

The aim of the beginning French sequence (French 1101 and French 1102) is to help you to develop an active command of the language. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context, in order to achieve basic communicative proficiency.

Fall 2019: FREN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102	001/50960	M T W Th 8:50am - 9:55am 522b Kent Hall	Pascale Crepon	4	12/18
FREN 1102	002/50961	M T W Th 10:10am - 11:15am 522b Kent Hall	Pascale Crepon	4	17/18
FREN 1102	003/50962	M T Th 11:40am - 12:45pm 609 Hamilton Hall	Eric Matheis	4	13/18
FREN 1102	003/50962	W 11:40am - 12:55pm 501a International Affairs Bldg	Eric Matheis	4	13/18
FREN 1102	004/50963	M T W Th 1:10pm - 2:15pm 316 Hamilton Hall	Eric Matheis	4	12/18
FREN 1102	005/50964	T Th F 2:40pm - 3:55pm 262 Macy Hall	Sarah Sasson	4	8/18
FREN 1102	006/51013	T Th F 1:10pm - 2:25pm 401 Hamilton Hall	Elsa Stephan	4	13/18

Spring 2020: FREN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102	001/12209	T Th F 8:40am - 9:55am Room TBA	Emily Paull	4	7/18
FREN 1102	002/12210	M T W Th 8:50am - 9:55am Room TBA	Kaitlyn Matrassi	4	18/18
FREN 1102	003/12211	M T W Th 10:10am - 11:15am Room TBA	Zachary Desjardins-Mooney	4	8/18
FREN 1102	004/12212	T Th F 10:10am - 11:25am Room TBA	Anna Langewiesche	4	13/18
FREN 1102	005/12215	M T W Th 11:40am - 12:45pm Room TBA	Noah Mintz	4	16/18
FREN 1102	006/12216	M T W Th 1:10pm - 2:15pm Room TBA	Andre Pettman	4	15/18
FREN 1102	007/12259	T Th F 2:40pm - 3:55pm Room TBA	Katherine Manansala	4	12/18
FREN 1102	008/12260	M W Th 4:10pm - 5:25pm Room TBA	Hayet Sellami	4	17/18

FREN 1102 009/12261 M W Th 6:10pm - Alexandre 4 8/18
7:25pm Bournery
Room TBA

FREN UN1105 Accelerated Elementary French. 8 points.

Prerequisites: The instructor's permission

This course covers in one semester the material normally presented in Elementary French I and II. This course is especially recommended for students who already know another Romance language.

Fall 2019: FREN UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1105	001/50992	M T W Th 9:00am - 11:00am 507 Philosophy Hall	Pascale Hubert-Leibler	8	9/18

FREN UN2101 INTERMEDIATE FRENCH I. 4 points.

This course will further your awareness and understanding of the French language, culture and literature, provide a comprehensive review of fundamental grammar points while introducing more advanced ones, as well as improve your mastery of oral, reading, and writing skills. By the end of the course, you will be able to read short to medium-length literary and non-literary texts, and analyze and comment on varied documents and topics, both orally and in writing.

Fall 2019: FREN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101	001/50966	M T W Th 1:10pm - 2:00pm 261 Macy Hall	Gabriela Badea	4	14/18
FREN 2101	002/50967	T Th F 8:40am - 9:55am 401 Hamilton Hall	Nadrah Mohammed	4	8/18
FREN 2101	003/50968	M T W Th 10:10am - 11:00am 424 Kent Hall	Jeanne Devautour	4	11/18
FREN 2101	004/50969	M T W Th 12:10pm - 1:00pm 522b Kent Hall	Laurence Marie	4	18/18
FREN 2101	005/50970	T W Th 8:40am - 9:55am 613 Hamilton Hall	Samuel Skippon	4	3/18
FREN 2101	006/50971	T Th F 1:10pm - 2:25pm 413 Hamilton Hall	Sophie Queuniet	4	6/18
FREN 2101	007/50972	M T W Th 2:10pm - 3:00pm 112 Knox Hall	Gabriela Badea	4	8/18
FREN 2101	008/51010	M W Th 6:10pm - 7:25pm 413 Hamilton Hall	Christopher Wood	4	15/18
FREN 2101	009/51011	M W Th 4:10pm - 5:25pm 402 Hamilton Hall	Molly Lindberg	4	14/18

Spring 2020: FREN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101	003/12276	T Th F 11:40am - 12:55pm Room TBA	Vincent Aurora	4	5/18

FREN 2101 004/12279 T Th F 1:10pm - 2:25pm
Room TBA Vincent Aurora 4 9/18

FREN 2101 005/12348 M T W Th 1:10pm - 2:00pm
Room TBA Pascale Hubert-Leibler 4 18/18

FREN UN2102 Intermediate Course II. 4 points.

Enrollment limited to 20.

Prerequisites: FREN UN2121 Intermediate Conversation is a suggested, not required, corequisite
Prepares students for advanced French language and culture. Develops skills in speaking, reading, and writing French. Emphasizes cross-cultural awareness through the study of short stories, films, and passages from novels. Fosters the ability to write about and discuss a variety of topics using relatively complex structures.

Fall 2019: FREN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/50993	T Th F 8:40am - 9:55am 316 Hamilton Hall	Alexandra Borer	4	10/18
FREN 2102	002/50994	T Th F 10:10am - 11:25am 316 Hamilton Hall	Alexandra Borer	4	15/18
FREN 2102	003/50995	M T W Th 12:10pm - 1:00pm 261 Macy Hall	Lukas Tsipsios	4	16/18
FREN 2102	004/50996	M T W Th 1:10pm - 2:00pm 318 Hamilton Hall	Benjamin Bellahnid	4	15/18
FREN 2102	005/51012	T Th F 2:40pm - 3:55pm 313 Pupin Laboratories	Heidi Holst-Knudsen	4	13/18

Spring 2020: FREN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/12366	T W Th 8:30am - 9:45am Room TBA	Samuel Skippon	4	3/18
FREN 2102	002/12379	M T W Th 9:10am - 10:00am Room TBA		4	18/18
FREN 2102	003/12509	T Th F 10:10am - 11:25am Room TBA	Nadrah Mohammed	4	10/18
FREN 2102	004/12510	T Th F 11:40am - 12:55pm Room TBA	Molly Lindberg	4	13/18
FREN 2102	005/12511	M T W Th 12:10pm - 1:00pm Room TBA	Gabriela Badea	4	18/18
FREN 2102	006/12512	M T W Th 1:10pm - 2:00pm Room TBA	Gabriela Badea	4	18/18
FREN 2102	007/12524	T Th F 1:10pm - 2:25pm Room TBA	Joo Kyung Lee	4	9/18
FREN 2102	008/12525	T Th F 2:40pm - 3:55pm Room TBA	Heidi Holst-Knudsen	4	5/18

FREN 2102 009/12526 M W Th 6:10pm - Lukas 4 9/18
7:25pm Tsipsios
Room TBA

FREN UN2121 INTERMED CONVERSATN FRENCH I. 2 *points.*

We will be working on pronunciation, vocabulary acquisition, listening comprehension, and oral expression. Activities will include listening comprehension exercises, skits, debates, and oral presentations, as well as discussions of films, songs, short films, plays, news, articles, short stories or other short written documents. Although *grammar* will not be the focus of the course, some exercises will occasionally aim at *reviewing* particular points. **The themes and topics covered will be chosen according to students' interests.**

Fall 2019: FREN UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2121 001/50976		M W 10:10am - 11:25am 502 Northwest Corner	Gabriela Badea	2	7/15
FREN 2121 002/50977		M W 2:40pm - 3:55pm 201d Philosophy Hall	Christopher Wood	2	3/15

Spring 2020: FREN UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2121 001/12537		T Th 10:10am - 11:25am Room TBA	Elsa Stephan	2	11/15
FREN 2121 002/12538		M W 1:10pm - 2:25pm Room TBA	David Haziza	2	6/15

FREN UN2122 INTERMED CONVERSATN FRENCH II. 2 *points.*

We will be working on pronunciation, vocabulary, listening comprehension, and oral expression. Activities will include listening comprehension exercises, skits, debates, and oral presentations, as well as discussions of films, songs, short films, news, articles, short stories or other short written documents. Although grammar will not be the focus of the course, some exercises will occasionally aim at reviewing particular points.

Fall 2019: FREN UN2122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2122 001/50937		M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Marie-Helene Koffi-Tessio	2	4/15
FREN 2122 002/50938		M W 4:10pm - 5:25pm 652 Schermerhorn Hall	Alexandre Bournery	2	7/15

Spring 2020: FREN UN2122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2122 001/12540		T Th 11:40am - 12:55pm Room TBA	Noni Carter	2	9/15

FREN 2122 002/12542 T Th 1:10pm - Noni Carter 2 11/15
2:25pm
Room TBA

FREN UN2106 RAPID READING AND TRANSLATION. 3 *points.*

The course focuses on reading comprehension and translation into English and includes a grammar and vocabulary overview. It also addresses the differences between English and French syntax and raises questions of idiomatic versus literal translations.

Fall 2019: FREN UN2106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106 001/50919		M W 4:10pm - 5:25pm 201d Philosophy Hall	Christopher Wood	3	8/18

Spring 2020: FREN UN2106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106 001/12529		M W 4:10pm - 5:25pm Room TBA	Christopher Wood	3	15/15

FREN UN3131 Third-Year Conversation I. 2 *points.*

Prerequisites: completion of the language requirement in French or the equivalent.

Conversation on contemporary French subjects based on readings in current popular French periodicals.

Fall 2019: FREN UN3131

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3131 001/50942		T Th 10:10am - 11:25am 301m Fayerweather	Sophie Queuniet	2	10/15
FREN 3131 002/50943		M W 10:10am - 11:25am 408 Hamilton Hall	Lukas Tsipsios	2	5/18
FREN 3131 003/50944		M W 2:40pm - 3:55pm 502 Northwest Corner	Eric Matheis	2	12/15

FREN UN3240 French Language, Society, and Culture through Film. 3 *points.*

Prerequisites: FREN UN2102

French socio-political issues and language through the prism of film. Especially designed for non-majors wishing to further develop their French language skills and learn about French culture. Each module includes assignments targeting the four language competencies: reading, writing, speaking and oral comprehension, as well as cultural understanding.

Fall 2019: FREN UN3240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3240 001/50953		T Th 4:10pm - 5:25pm 313 Pupin Laboratories	Heidi Holst-Knudsen	3	12/26

Spring 2020: FREN UN3240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3240	001/12875	T Th 4:10pm - 5:25pm Room TBA	Heidi Holst-Knudsen	3	22/18

FREN UN3241 French Language and Culture through Theater and Performance. 3 points.

The course is taught in French and focuses on learning the French language via the study of theatre (through plays, scenes, theories, lecture/workshops by guests, as well as performing a series of activities). The course offers students the opportunity to have a better grasp of the variety of French theatres within the culture; and to perform the language through the body and mind. Its goal is to both introduce students to theatre and to explore how it challenges us physically and emotionally, as well as in intellectual, moral, and aesthetic ways. No previous acting experience is necessary but a desire to “get up and move” and possibly even go see plays as a class project is encouraged.

Spring 2020: FREN UN3241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3241	001/12876	M W 11:40am - 12:55pm Room TBA	Pascale Crepon	3	17/20

FREN UN3405 Third Year Grammar and Composition. 3 points.

Enrollment limited to 15.

Prerequisites: *FREN UN3405* must be taken before *FREN UN3333/4* unless the student has an AP score of 5 or the director of undergraduate studies' permission.

The goal of *FREN UN3405* is to help students improve their grammar and perfect their writing and reading skills, especially as a preparation for taking literature or civilization courses, or spending a semester in a francophone country. Through the study of two full-length works of literature and a number of short texts representative of different genres, periods, and styles, they will become more aware of stylistic nuances, and will be introduced to the vocabulary and methods of literary analysis. Working on the advanced grammar points covered in this course will further strengthen their mastery of French syntax. They will also be practicing writing through a variety of exercises, including pastiches and creative pieces, as well as typically French forms of academic writing such as “résumé,” “explication de texte,” and “dissertation”.

Fall 2019: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/50955	T Th 10:10am - 11:25am 407 Hamilton Hall	Samuel Skippon	3	10/15
FREN 3405	002/50956	M W 11:40am - 12:55pm 501 International Affairs Bldg	Pascale Crepon	3	9/18
FREN 3405	003/50957	T Th 1:10pm - 2:25pm 522b Kent Hall	Laurence Marie	3	11/15

Spring 2020: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/12877	T Th 8:40am - 9:55am Room TBA	Alexandra Borer	3	12/15
FREN 3405	002/12878	T Th 2:40pm - 3:55pm Room TBA	Vincent Aurora	3	15/15
FREN 3405	003/12879	M W 11:40am - 12:55pm Room TBA	Aline Rogg	3	4/15

LITERATURE AND CULTURE

FREN UN3333 Introduction to Literary Study I. 3 points.

Enrollment limited to 20.

Prerequisites: *FREN UN3405* Advanced Grammar and Composition or an AP score of 5 or the instructor's permission. Reading and discussion of major works from the Middle Ages to 1750.

Fall 2019: FREN UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/50945	M W 2:40pm - 3:55pm 413 Hamilton Hall	Benjamin Olivennes	3	8/20

Spring 2020: FREN UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/16606	M W 11:40am - 12:55pm Room TBA	Laurence Marie	3	11/18

FREN UN3334 Introduction to Literary Studies II. 3 points.

Enrollment limited to 20.

Prerequisites: *FREN UN3405* Advanced Grammar and Composition or an AP score of 5 or the instructor's permission. Reading and discussion of major works from 1750 to the present.

Fall 2019: FREN UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3334	001/50954	T Th 11:40am - 12:55pm 602 Northwest Corner	David Haziza	3	10/20

Spring 2020: FREN UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3334	001/17129	T Th 10:10am - 11:25am Room TBA	Jeanne Devautour	3	9/18

FREN UN3420 Introduction To French and Francophone Studies I. 3 points.

Prerequisites: *FREN UN3405* Advanced Grammar and Composition or an AP score of 5 or the director of undergraduate studies' permission.

Examines conceptions of culture and civilization in France from the Enlightenment to the Exposition Coloniale of 1931,

with an emphasis on the historical development and ideological foundations of French colonialism. Authors and texts include: the *Encyclopédie*; the *Déclaration des droits de l'homme et du citoyen*; the *Code noir*; Diderot; Chateaubriand; Tocqueville; Claire de Duras; Renan; Gobineau; Gauguin; Drumont.

Fall 2019: FREN UN3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3420	001/50946	T Th 2:40pm - 3:55pm 424 Kent Hall	Sophia Mo	3	11/20

FREN UN3421 Introduction To French and Francophone Studies II. 3 points.

Prerequisites: *FREN UN3405* Advanced Grammar and Composition or an AP score of 5 or the director of undergraduate studies' permission.

Universalism vs. exceptionalism, tradition vs. modernity, integration and exclusion, racial, gender, regional, and national identities are considered in this introduction to the contemporary French-speaking world in Europe, the Americas, and Africa. Authors include: Aimé Césaire, Léopold Sedar Senghor, Frantz Fanon, Maryse Condé.

Spring 2020: FREN UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3421	001/16198	T Th 10:10am - 11:25am Room TBA	Tommaso Manfredini	3	15/20

FREN UN3503 Enlightenment/Counter-Enlightenment. 3 points.

Prerequisites: completion of FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission. Taking modern definitions and critiques of Enlightenment as its starting point, this course will look at how the Enlightenment defined itself as a philosophical, cultural and literary movement, practiced self-criticism from within, and responded to dissension and critique from without. Authors will include Adorno, Horkheimer, Foucault and Israel for the modern critical context, and Voltaire, Diderot, Buffon, Rousseau, Sade and Kant for the eighteenth century material. The course will be given in French, but non-majors may write papers in English. This course fulfills the French Major requirement for a course on literature before 1800.

FREN UN3726 Sex, Class and Shame in 20th-21st Century French Literature. 3 points.

Prerequisites: Prerequisites: completion of FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission.

The second half of the twentieth century in France saw a sudden explosion of literary works examining, with unprecedented explicitness, sexuality and social class and the relations between them. This course will provide an introduction to the literature of sexual and social abjection, beginning with Genet and Violette Leduc and including works by Annie Ernaux, Christine Angot, Virginie Despentes, and Edouard Louis. We will also consider

relevant sociological writings by Bourdieu, Eribon, and Goffman. Readings and discussion will be in French.

FREN W3515 Writing the Self Workshop. 3 points.

Corequisites: *FREN W3333-FREN W3334* or equivalent, or the director of undergraduate studies' permission.

In this course, we will read works spanning the history of French literature from the Renaissance to the present in which the problem of writing the self is posed. We will also engage in various writing exercises (pastiche, translation, personal narrative) and discuss the works on the syllabus in conjunction with our own attempts to write the self. Authors will include Montaigne, Rousseau, Roland, Sand, Colette, Barthes, Modiano, and NDiaye. This course fulfills the pre-1800 requirement.

FREN UN3517 Montaigne, Descartes, Pascal. 3 points.

Prerequisites: FREN UN3333-UN3334 or the director of undergraduate studies' or the instructor's permission.

A study of Montaigne's *Essais* and their rewriting by Descartes and Pascal, with a focus on the nature of intellectual and aesthetic innovation in a humanist context.

FREN W3520 The Avant-Gardes in France. From Baudelaire to Situationism.. 0 points.

Not offered during 2019-20 academic year.

In this course, we will study the main movements of 19th and 20th-century literary history: symbolism, modernism, dada, surrealism, existentialism, Nouveau Roman, situationism... We will pay particular attention to the emergence of the notion of avant-garde and to its theoretical implications. Although centered on literature, the course will also consider some musical and visual pieces (paintings, collages, sculptures, photographs, short films, etc.).

FREN UN3529 French Theater in Performance. 3 points.

Enrollment limited to 15. Not offered during 2019-20 academic year.

Prerequisites: Advanced coursework in French (*FREN UN3405*, *UN3333*, *UN3334* or the equivalent).

This course will combine reading, interpretation and performance of a small selection of short French plays from the eighteenth and nineteenth centuries, in preparation for a public performance at Columbia University's Maison Française at the end of the semester.

FREN W3544 French Lyric Poetry. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *FREN W3333-FREN W3334* or the director of undergraduate studies' or the instructor's permission.

A study of lyric poetry from the Middle-Ages to the Nineteenth Century, with a focus on the changing uses of poetic form. Authors include Charles d'Orléans, Christine de Pizan, Voiture, Musset, Banville, Hugo.

FREN UN3600 France, Past and Present. An Introduction to French Civilization.. 3 points.

Prerequisites: FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission.

Based on readings of short historical sources, the course will provide an overview of French political and cultural history since 1700.

Spring 2020: FREN UN3600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3600	001/16375	M W 2:40pm - 3:55pm Room TBA	Benjamin Olivennes	3	10/20

FREN W3603 Sexual Enlightenment. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *FREN W3333-FREN W3334* or the instructor's permission.

This course explores the relationship between sex and knowledge in literary and philosophical works of the French Enlightenment. Authors include Montesquieu, Cr billon, Buffon, Condillac, Diderot, Bernardin de Saint-Pierre, Laclos and Sade. The course fulfills the pre-1800 requirement for the French major.

FREN UN3616 Paris, capitale du 19e siecle. 3 points.

Prerequisites: completion of FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission.

In this course we will consider literary representations of Paris in French literature of the 19th century. The city that was in many ways the cultural capital not only of France, but of all of Europe, played a decisive role in the development of literary modernity. Reading authors such as Flaubert, Baudelaire, Balzac, Hugo, Rimbaud, Stendhal, we will pay particular attention to the the portrayal of the city of Paris's role in the upheavals of modernization.

FREN W3640 Poesie Francophone d'Afrique et des Antilles 1890-1970. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *FREN W3333-FREN W3334* or the director of undergraduate studies' or the instructor's permission.

This class is devoted to an understudied aspect of Francophone literature, namely the wide corpus of poetry written in French in Africa and the Caribbean, until (and including) decolonization. We will close-read poems, insisting on the basic tools required to do so and on the history of poetic forms (e.g. what are the differences between *vers libre*, *verset*, *po  me en prose*?), and we will explore notions such as exoticism, automatism, avant-garde or anthology. The ultimate goal is to reflect on the practice of writing and reading poetry in the context of a structural imbalance between center and periphery. The course is taught in French and the readings will be in French.

FREN W3666 Moliere. 3 points.

Prerequisites: completion of *FREN W3333* or *W3334* and *W3405*, or the director of undergraduate studies' permission.

Study of Moli  re's major plays, including *Tartuffe*, *Dom Juan*, and *Le Misanthrope*, focusing on key concepts such as naturalness and convention, value and exchange, and the relationship between ethics and comedy. Special attention will be paid to the connections between critical approaches of the text and the various ways in which the plays can be staged.

FREN W3714 1914-2014 : un siecle de litteratures en francais. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: completion of *FREN W3333* or *W3334* and *W3405*, or the director of undergraduate studies' permission.

This class is intended as a survey course on French literatures in the past 100 years. It will consider all major moments and movements of literature in French in the 20th century (surrealism, existentialism, negritude, Nouveau Roman...) until and including some of the most remarkable literary creations of the early 21st century. The course is taught in French and the readings will be in French.

FREN W3672 Surrealism. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *FREN W3333-FREN W3334* or the director of undergraduate studies' or the instructor's permission.

Study of one of the main movements of 20th-century literary history, and art history in general. We will pay particular attention to the evolution of surrealism and to its theoretical implications on such key notions as: the notion of author, of avant-garde, of automatism, of image or of work of art. Although centered on literature, the course will also consider some visual pieces (paintings, collages, sculptures, photographs, short films...).

FREN W3766 Transcribing/Writing Tales in Africa. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: *FREN W3333-FREN W3334* or the director of undergraduate studies' or the instructor's permission. The students are required to be able to read and discuss tales in French.

Transcribing, adapting, rewriting, reinventing in the French language African oral tales is an important literary genre in African francophone literature. The works of authors such as Amadou Hamp  t   B   from Mali, Bernard Dadi   from C  te d'Ivoire and Birago Diop from Senegal are among the classics of that genre. The course is a study of a certain number of "tales" written with talent and humor by B  , Dadi   and Diop; they are from the following books: *Il n'y a pas de petite querelle* (B  ), *Le pagne noir* (Dadi  ), *Les contes d'Amadou Koumba*, and *Les nouveaux contes d'Amadou Koumba* (Diop). This course is intended primarily for undergraduate students interested in French and in Francophone Studies majors, concentrators, and those who speak French and want to study an important aspect of literature in French.

FREN W3726 Sex, Class and Shame in 20th-21th Century French Literature. 3 points.

Prerequisites: Prerequisites: completion of FREN W3333 or W3334 and W3405, or the director of undergraduate studies' permission.

The second half of the twentieth century in France saw a sudden explosion of literary works examining, with unprecedented explicitness, sexuality and social class and the relations between them. This course will provide an introduction to the literature of sexual and social abjection, beginning with Genet and Violette Leduc and including works by Annie Ernaux, Christine Angot, Virginie Despentes, and Edouard Louis. We will also consider relevant sociological writings by Bourdieu, Eribon, and Goffman. Readings and discussion will be in French.

CLFR UN3830 French Film. 3 points.

A study of landmarks of French cinema from its origins to the 1970s. We will pay particular attention to the relation between cinema and social and political events in France. We will study films by Jean Vigo, Jean Renoir, Rene Clair, Alain Resnais, Francois Truffaut and Jean-Luc Godard. In English.

SENIOR SEMINAR AND SENIOR THESIS

FREN UN3995 Senior Seminar. 3 points.

Prerequisites: completion of either *FREN UN3333-FREN UN3334* or *FREN UN3420-FREN UN3421*, and *FREN UN3405*, or the director of undergraduate studies' or the instructor's permission.

Required of all French and French & Francophone Studies majors. Usually taken by majors during the fall term of their senior year. Critical discussion of a few major literary works along with some classic commentaries on those works. Students critically assess and practice diverse methods of literary analysis.

Fall 2019: FREN UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3995	001/50978	T 4:10pm - 6:00pm 401 Hamilton Hall	Antoine Compagnon	3	14/20

FREN UN3996 Senior Tutorial in French Literature. 3 points.

Prerequisites: the director of undergraduate studies' permission. Required for majors wishing to be considered for departmental honors. This course may also be taken at Reid Hall.

Recommended for seniors majoring or concentrating in French and open to other qualified students. Preparation of a senior essay. In consultation with a staff member designated by the director of undergraduate studies, the student develops a topic within the areas of French language, literature, or intellectual history.

Fall 2019: FREN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/50979		Thomas Dodman	3	2/18

Spring 2020: FREN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/12882		Thomas Dodman	3	2/20

FREN GU4301 French Literature of the 17th Century. 3 points.

A one-semester survey of seventeenth-century French literature, with an emphasis on the relationship between literature and the major cultural, philosophical, and religious developments of the period.

Spring 2020: FREN GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 4301	001/12908	M 2:10pm - 4:00pm Room TBA	Pierre Force	3	16/20

GERMANIC LANGUAGES

Departmental Office: 414 Hamilton; 212-854-3202
<https://germanic.columbia.edu/>

Director of Undergraduate Studies: Prof. Dorothea von Mücke, 410 Hamilton; 212-854-1891; dev1@columbia.edu (tw2284@columbia.edu)

Language Instruction: Jutta Schmiere-Heller, 403A Hamilton; 212-854-4824; js2331@columbia.edu (rak23@columbia.edu)

The Department of Germanic Languages and Literatures is considered one of the very best in the country. Many of the faculty specialize in the study of German literature and culture from 1700 to the present. German majors acquire proficiency in examining literary, philosophical, and historical texts in the original, as well as critical understanding of modern German culture and society. Particular attention is given to German-speaking traditions within larger European and global contexts. Courses taught in translation build on Columbia's Core Curriculum, thereby allowing students to enroll in upper-level seminars before completing the language requirement.

All classes are taught as part of a living culture. Students have ample opportunities to study abroad, to work with visiting scholars, and to take part in the cultural programs at Deutsches Haus. In addition, the department encourages internships with German firms, museums, and government offices. This hands-on experience immerses students in both language and culture, preparing them for graduate study and professional careers.

Upon graduation, German majors compete successfully for Fulbright or DAAD scholarships for research in Germany or Austria beyond the B.A. degree. Our graduating seniors are highly qualified to pursue graduate studies in the humanities and social sciences, as well as professional careers. Former majors and concentrators have gone on to careers in teaching, law, journalism, banking and consulting, international affairs, and communications.

German literature and culture courses are taught as seminars integrating philosophical and social questions. Topics include romanticism, revolution, and national identity; German intellectual history; minority literatures; Weimar cinema; German-Jewish culture and modernity; the Holocaust and memory;

and the history and culture of Berlin. Classes are small, with enrollment ranging from 5 to 15 students.

The department regularly offers courses in German literature and culture in English for students who do not study the German language. The department also participates in Columbia's excellent program in comparative literature and society.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP German Language exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3000-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in German. Courses taught in English may not be used for language AP credit. The department grants 0 credits for a score of 4 on the AP German Language exam, but the foreign language requirement is satisfied.

THE YIDDISH STUDIES PROGRAM

The Yiddish Studies Program at Columbia University, the global leader in Yiddish scholarship and teaching, focuses on the experiences and cultural efflorescence of Ashkenazic Jewry over a thousand years and five continents. It is a perfect exemplar of Columbia's interests in global and transnational study, weaving together language, literature, and culture in a way that echoes the best of Columbia's justly famed humanities programs.

The program in Yiddish studies offers both the undergraduate Major and Concentration, in addition to graduate studies leading to the Ph.D. In both the undergraduate and graduate program, emphasis is placed not merely on acquiring linguistic proficiency and textual study, but also viewing Yiddish literature in a larger cultural and interdisciplinary context. The graduate program, the only degree-granting Yiddish Studies Program in the United States, is considered one of the world's most important, with its graduates holding many of the major university positions in the field.

Students of Yiddish have ample opportunities to enhance their studies through a number of fellowships. The Naomi Fellowship (<https://www.iijscolumbia.edu/naomi-fellowship/#https://www.iijscolumbiaedu/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 (<https://germanic.columbia.edu/programs/yiddish/fellowships/>) 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 (p.), 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 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 Language Course, I-GERM UN1102 Elementary German Language Course, II, students are able to provide information about themselves, their interests, and daily activities. They can participate in simple conversations, read edited texts, and understand the main ideas of authentic texts. By the end of GERM UN1102 Elementary German Language Course, II, students are able to write descriptions, comparisons, and creative stories, and to discuss general information about the German-speaking countries.

The intermediate German sequence, GERM UN2101 Intermediate German I-GERM UN2102 Intermediate German II, increases the emphasis on reading and written communication skills, expands grammatical mastery, and focuses on German culture and literary texts. Students read short stories, a German drama, and increasingly complex texts. Regular exposure to video, recordings, the World Wide Web, and art exhibits heightens the cultural dimensions of the third and fourth semesters. Students create portfolios comprised of written and spoken work.

Upon completion of the second-year sequence, students are prepared to enter advanced courses in German language, culture, and literature at Columbia and/or at the Berlin Consortium for German Studies in Berlin. Advanced-level courses focus on more sophisticated use of the language structure and composition (GERM UN3001 Advanced German, I-GERM UN3002 *Advanced German II: Vienna*); on specific cultural areas; and on literary, historical, and philosophical areas in literature-oriented courses (GERM UN3333 Introduction To German Literature [In 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 Language Course, I
GERM UN1102	Elementary German Language Course, 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 Language Course, I-GERM UN1102 Elementary German Language Course, II may take GERM UN1125 Accelerated Elementary German I & II as preparation for GERM UN2101 Intermediate German I.

UNIVERSITY STUDY IN BERLIN

The Berlin Consortium for German Studies provides students with a study abroad program, administered by Columbia, which includes students from the other consortium member schools (Princeton, Yale, University of Pennsylvania, Johns Hopkins, and the University of Chicago). Under the guidance of a senior faculty member, the program offers a home stay with a German family, intensive language instruction, and study in regular German university courses at the Freie Universität Berlin.

For additional information on the Berlin Consortium, see the *Study Abroad—Sponsored Programs* section in this Bulletin, visit the Office of Global Programs (<http://www.ogp.columbia.edu/>), or consult the program's office in 606 Kent Hall; 212-854-2559; berlin@columbia.edu.

DEUTSCHES HAUS

Deutsches Haus, 420 West 116th Street, provides a center for German cultural activities on the Columbia campus. It sponsors lectures, film series, and informal gatherings that enrich the academic programs of the department. Frequent events throughout the fall and spring terms offer students opportunities to practice their language skills.

GRADING

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

DEPARTMENTAL HONORS

Normally no more than 10% of graduating majors receive departmental honors in a given academic year. For the requirements for departmental honors, see the director of undergraduate studies.

PROFESSORS

Mark Anderson
Stefan Andriopoulos
Claudia Breger
Jeremy Dauber
Andreas Huyssen (emeritus)
Harro Müller (emeritus)
Dorothea von Mücke
Oliver Simons (Chair)

SENIOR LECTURERS

Wijnie de Groot (Dutch)
Jutta Schmiere-Heller

LECTURERS

Agnieszka Legutko (Yiddish)
Silja Weber

MAJOR IN GERMAN LITERATURE AND CULTURAL HISTORY

The goal of the major is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to facilitate a critical understanding of modern German-speaking cultures and societies. Students should plan their program of study with the director of undergraduate studies as early as possible. Competence in a second foreign language is strongly recommended, especially for those students planning to attend graduate school.

The major in German literature and cultural history requires a minimum of 30 points, distributed as follows:

GERM UN3001 Advanced German, I (can be waived and replaced by another 3000 level class upon consultation with the DUS)

or GERM UN3002 Advanced German II: Vienna

GERM UN3333 Introduction To German Literature [In German]

Select two of the following survey courses in German literature and culture (at least one of these must focus on pre-20th-century cultural history):

GERM UN3442 Survey of 18th Century German Lit: Enlightenment, Sturm und Drang [In German]

GERM UN3443 Romanticism, Revolution, Realism [In German]

GERM UN3444 SURVEY OF GERMAN LIT:20C

GERM UN3445 German Literature After 1945 [In German]

One course in German intellectual history

GERM UN3991 Senior Seminar

The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature–German in consultation with the Director of Undergraduate Studies.

Senior Thesis

A senior thesis is not required for the major. Students interested in a senior thesis or research project may do so through independent study with a faculty member over one or two semesters.

MAJOR IN YIDDISH STUDIES

The program is designed as a combination of language and content courses. First- and second-year Yiddish language courses emphasize spoken and written communication, and provide a basic introduction to Eastern European Jewish culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After second-year Yiddish language courses are completed, students should feel sufficiently comfortable to begin to work with Yiddish literature in the original. Upper-level undergraduate/graduate courses are designed to accommodate students with a range of Yiddish language experience, and intensive language summer study abroad, such as the Naomi Prawer Kadar International Yiddish Summer Program (the Yiddish Studies program at Columbia offers the fully-subsidized Naomi Fellowship (<http://www.iijis.columbia.edu/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 such as Profs. David Roskies and Barbara Mann.

Thanks to the consortial arrangements with other universities in the New York area (Barnard, NYU, Yale, Penn, etc.) students both in Columbia College and General Studies, can take courses at these institutions for degree credit, which allows for student exposure to experts in twentieth-century Soviet Yiddish literature, Yiddish women's writing, Yiddish literature in Israel, and much more (Profs. Gennady 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.

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 Introduction To German Literature
[In German]

At least one of the period survey courses in German literature and culture

GERM UN3442 Survey of 18th Century German
Lit: Enlightenment, Sturm und
Drang [In German]

GERM UN3443 Romanticism, Revolution, Realism
[In German]

GERM UN3444 SURVEY OF GERMAN LIT:20C

GERM UN3445 German Literature After 1945 [In
German]

GERM UN3991 Senior Seminar

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

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 Introduction To German Literature
[In German]

At least one of the period survey courses in German Literature and Culture

GERM UN3442 Survey of 18th Century German
Lit: Enlightenment, Sturm und
Drang [In German]

GERM UN3443 Romanticism, Revolution, Realism
[In German]

GERM UN3444 SURVEY OF GERMAN LIT:20C

GERM UN3445 German Literature After 1945 [In
German]

GERM UN3991 Senior Seminar

Two courses to be chosen from the 3000- or 4000-level (taught in German or English) offerings in German and Comparative Literature German in consultation with the Director of Undergraduate Studies

COMPARATIVE LITERATURE-GERMAN

CLGR GU4250 Aesthetics and the Philosophy of History [In English]. 3 points.

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. For instance, Winckelmann provides an entry into the debate on the ancients versus the moderns by making a claim for both the historical, cultural specificity of a particular kind of art, and by advertising the art of Greek antiquity as a model to be imitated by the modern artist. Lessing's Laocoon counters Winckelmann's idealizing approach to Greek art with a media specific reflection. According to Lessing, the fact that the Laocoon priest from the classical sculpture doesn't scream has nothing to do with the nobility of the Greek soul but all with the fact that a screaming mouth hewn in stone would be ugly. Herder's piece on sculpture offers yet another take on this debate, one that refines and radicalizes an aesthetics based on the careful examination of the different senses, especially touch and feeling versus sight.—The second set of texts in this class deals with key enlightenment concepts of a philosophical anthropology informing the then emerging philosophy of history. Two literary texts will serve to mark key epochal units: Goethe's Prometheus, which will be used in the introductory meeting, will be examined in view of its basic humanist program, Kleist's "Earthquake in Chili" will serve as a base for the discussion of what would be considered the "end" of the Enlightenment: be that the collapse of a belief in progress or the critique of the beautiful and the sublime. The last unit of the class focuses on Hegel's sweeping supra-individualist approach to the philosophy of history and Nietzsche's fierce critique of Hegel. Readings are apportioned such that students can be expected to fully familiarize themselves with the arguments of these texts and inhabit them.

COMPARATIVE LITERATURE-YIDDISH

CLYD UN3500 Readings In Jewish Literature: Humor In Jewish Literature [In English]. 3 points.

Through an analysis of far-flung examples of comic Jewish literature created by Jews over three centuries and three continents, this course will attempt to answer two questions. First, are there continuities in Jewish literary style and rhetorical strategy, and if so, what are they? And second, can Jewish literature help us to understand the tensions between universality and

particularity inherent in comic literature more generally? Works and authors read will include Yiddish folktales, Jewish jokes, Sholem Aleichem, Franz Kafka, Philip Roth, Woody Allen, and selections from American television and film, including the Marx Brothers, Mel Brooks, Woody Allen, Jerry Seinfeld, and Larry David.

CLYD GU4250 Memory and Trauma in Yiddish Literature (in English). 3 points.

Trauma has become a defining aspect of the modern Jewish experience, while the recently emerged memory studies shed a new light on how we remember the past, and understand memory. As Cathy Caruth observes in *Trauma: Explorations of Memory* (1995), "The traumatized, we might say, carry an impossible history within them, or they become themselves the symptom of a history that they cannot entirely possess." This course examines how memory, especially memory of trauma, is explored in Yiddish literature, film, and beyond. It focuses predominantly on the works relating to the Holocaust and its impact on the first, second, and third generations, but it also engages with other kinds of memory and other kinds of trauma (pogroms, Chmielnitsky massacres, loss, death, etc.). It approaches the questions of memory and trauma from the perspective of gender, body, and identity, as well as postmemory. The course aims for students to discuss and critically engage with the works listed on the syllabus, in order to develop the skills of analytical, and abstract thinking, as well as the ability to express that critical thinking in writing. Texts will be offered in English translation, no knowledge of Yiddish required.

Fall 2019: CLYD GU4250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLYD 4250	001/18031	W 4:10pm - 6:00pm 405 Kent Hall	Agnieszka Legutko	3	13/30

DUTCH

DTCH UN1101 Elementary Dutch I. 4 points.

Fundamentals of grammar, reading, speaking, and comprehension of the spoken language. During the spring term supplementary reading is selected according to students' needs.

Fall 2019: DTCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1101	001/54503	M W 6:10pm - 8:00pm 253 International Affairs Bldg	Wijnie de Groot	4	22/21

DTCH UN1102 Elementary Dutch II. 4 points.

Fundamentals of grammar, reading, speaking, and comprehension of the spoken language. During the spring term supplementary reading is selected according to students' needs.

Spring 2020: DTCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DTCH 1102	001/14032	M W 6:10pm - 8:00pm Room TBA	Wijnie de Groot	4	17/22
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DTCH UN1201 Intermediate Dutch I. 4 points.

Prerequisites: *DTCH W1101-W1102* or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature.

DTCH UN1202 Intermediate Dutch II. 4 points.

Prerequisites: *DTCH W1101-W1102* or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature.

DTCH UN2101 Intermediate Dutch I. 4 points.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature.

Fall 2019: DTCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2101	001/54534	M W 4:10pm - 6:00pm 352c International Affairs Bldg	Wijnie de Groot	4	11/18

DTCH UN2102 Intermediate Dutch II. 4 points.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature.

Spring 2020: DTCH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2102	001/14034	M W 4:10pm - 6:00pm 352c International Affairs Bldg	Wijnie de Groot	4	7/18

DTCH UN3101 Advanced Dutch I. 3 points.

Fall 2019: DTCH UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3101	001/54536	M W 1:15pm - 2:30pm 352b International Affairs Bldg	Wijnie de Groot	3	9/18

DTCH UN3102 Advanced Dutch II. 3 points.

see department for details

Spring 2020: DTCH UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3102	001/14035	M W 1:15pm - 2:30pm Room TBA	Wijnie de Groot	3	0/18

DTCH UN3994 Special Reading Course. 1 point.

See department for course description

Spring 2020: DTCH UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3994	001/14038	T 10:00am - 11:30am 352c International Affairs Bldg	Wijnie de Groot	1	0/18

FINNISH**FINN UN1101 Elementary Finnish I. 4 points.**

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context.

Fall 2019: FINN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1101	001/54528	T Th 4:10pm - 6:00pm 352c International Affairs Bldg	Heli Sirvioe	4	6/18

FINN UN1102 Elementary Finnish II. 4 points.

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context.

Spring 2020: FINN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1102	001/14021	T Th 4:10pm - 6:00pm Room TBA	Heli Sirvioe	4	0/18

FINN UN2101 Intermediate Course I. 4 points.

Prerequisites: FINN UN1101-UN1102 or the instructor's permission.

Continued practice in aural comprehension, reading, speaking, and writing; review and refinement of grammatical structures; vocabulary building. Readings include Finnish fiction and nonfiction.

Fall 2019: FINN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 2101	001/54505	T Th 2:10pm - 4:00pm 1 Deutsches Haus	Heli Sirvioe	4	1/15

FINN UN2102 Intermediate Finnish II. 4 points.

Prerequisites: FINN UN1101-UN1102 or the instructor's permission.

Continued practice in aural comprehension, reading, speaking, and writing; review and refinement of grammatical structures; vocabulary building. Readings include Finnish fiction and nonfiction.

Spring 2020: FINN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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FINN 2102	001/14022	T Th 2:10pm - 4:00pm Room TBA	Heli Sirvioe	4	0/18
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GERMAN**GERM UN1101 Elementary German Language Course, I. 4 points.**

Upon completion of the course, students understand, speak, read, and write German at a level enabling them to communicate with native speakers about their background, family, daily activities, student life, work, and living quarters. Daily assignments and laboratory work.

Fall 2019: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/54518	T Th F 8:40am - 9:55am 436 Horace Mann Hall	Varol Kahveci	4	14/15
GERM 1101	002/54519	M W Th 10:10am - 11:25am 423 Kent Hall	Cosima Mattner	4	11/15
GERM 1101	003/54520	M W Th 11:40am - 12:55pm 424 Pupin Laboratories	Xiran Lu	4	10/15
GERM 1101	004/54521	M W 6:10pm - 8:00pm 408a Philosophy Hall	Skye Savage	4	9/15
GERM 1101	005/08402	T Th 6:10pm - 8:00pm 302 Milbank Hall	Foteini Samartzi	4	6/15
GERM 1101	006/18235	M W 6:10pm - 8:00pm 404 Hamilton Hall	Hazel Rhodes	4	8/15

Spring 2020: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	002/12177	M W Th 10:10am - 11:25am Room TBA	Skye Savage	4	13/15
GERM 1101	003/12178	T Th 6:10pm - 8:00pm Room TBA	Xiran Lu	4	15/15
GERM 1101	004/12179	M W 6:10pm - 8:00pm Room TBA	Varol Kahveci	4	13/15

GERM UN1102 Elementary German Language Course, II. 4 points.

Prerequisites: GERM UN1101 or the equivalent.

Students expand their communication skills to include travel, storytelling, personal well-being, basic economics, and recent historical events. Daily assignments and laboratory work.

Fall 2019: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/54506	T Th F 8:40am - 9:55am 318 Hamilton Hall	Christopher Hoffman	4	7/15

GERM 1102 003/54508 T Th 6:10pm - 8:00pm Laura Tedford 4 7/15
318 Hamilton Hall

Spring 2020: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/12180	T Th F 8:40am - 9:55am Room TBA	Christopher Hoffman	4	9/15
GERM 1102	002/12181	M T Th 10:10am - 11:25am Room TBA	Cosima Mattner	4	13/15
GERM 1102	003/12182	M W Th 11:40am - 12:55pm Room TBA	Laura Tedford	4	7/15
GERM 1102	004/00110	T Th 6:10pm - 8:00pm Room TBA	Foteini Samartzi	4	5/15
GERM 1102	005/16396	M W 6:10pm - 8:00pm Room TBA	Hazel Rhodes	4	13/15

GERM UN1125 Accelerated Elementary German I & II. 8 points.

Equivalent to *GERM V1101-V1102*.

This intensive semester provides all of elementary German enabling students to understand, speak, read, and write in German. Topics range from family and studies to current events. Conducted entirely in German, requirements include oral and written exams, essays, German-culture projects, and a final exam.

Fall 2019: GERM UN1125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1125	001/54544	M T W Th 12:10pm - 2:00pm 613 Hamilton Hall	Jutta Schmiers-Heller	8	8/15

Spring 2020: GERM UN1125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1125	001/12185	M T W Th 12:10pm - 2:00pm Room TBA	Silja Weber	8	10/15

GERM UN2101 Intermediate German I. 4 points.

Prerequisites: GERM UN1102 or the equivalent.

Complete grammar review through regular exercises. Wide range of texts are used for close and rapid reading and writing exercises. Practice in conversation aims at enlarging the vocabulary necessary for daily communication.

Fall 2019: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	001/54509	M W F 10:10am - 11:25am 613 Hamilton Hall	Isabelle Egger	4	8/15
GERM 2101	002/54510	M W Th 11:40am - 12:55pm 224 Pupin Laboratories	Thomas Preston	4	10/15
GERM 2101	004/10588	M T Th 1:10pm - 2:25pm	Nathaniel Wagner	4	9/15

GERM 2101 005/13530 T Th 6:10pm - 8:00pm Alexander Holt 4 8/18
315 Hamilton Hall

Spring 2020: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	001/12187	M W Th 10:10am - 11:25am Room TBA	Nathaniel Wagner	4	4/15
GERM 2101	002/12188	M W 6:10pm - 8:00pm Room TBA	Isabelle Egger	4	7/15

GERM UN2102 Intermediate German II. 4 points.

Prerequisites: GERM UN2101 or the equivalent.

Language study based on texts concerning culture and literature. Assignments include compositions in German and exercises of grammatical forms, both related to the texts. Class discussions in German provide oral and aural practice.

Fall 2019: GERM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	001/54523	M T Th 1:10pm - 2:25pm 313 Pupin Laboratories	Michael Watzka	4	6/15
GERM 2102	002/54524	T Th 6:10pm - 8:00pm 401 Hamilton Hall	Simona Vaidean	4	13/15

Spring 2020: GERM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	002/12190	M T Th 11:40am - 12:55pm Room TBA	Simona Vaidean	4	11/15
GERM 2102	003/12191	M W Th 1:10pm - 2:25pm Room TBA	Thomas Preston	4	13/15
GERM 2102	004/00112	T Th 6:10pm - 8:00pm Room TBA	Irene Motyl	4	8/15

GERM UN2125 Accelerated Intermediate German I, II. 8 points.

Prerequisites: GERM UN1102 Elementary II

Accelerated language study as preparation for Study Abroad in Berlin.

Spring 2020: GERM UN2125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2125	001/12200	M T W Th 12:10pm - 2:00pm Room TBA	Jutta Schmiers-Heller	8	5/20

GERM UN3001 Advanced German, I. 3 points.

Prerequisites: GERM UN2102 or the Director of the German Language Program's permission.

Designed to follow up the language skills acquired in first- and second-year language courses (or the equivalent thereof), this course gives students greater proficiency in speaking, reading, and

writing German, while focusing on topics from German society today through German newspapers and periodicals.

Fall 2019: GERM UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3001	001/54545	M W 11:40am - 12:55pm 253 Engineering Terrace	Silja Weber	3	14/15

GERM UN3333 Introduction To German Literature [In German]. 3 points.

Prerequisites: GERM UN2102 or the equivalent.

Examines short literary texts and various methodological approaches to interpreting such texts in order to establish a basic familiarity with the study of German literature and culture.

Fall 2019: GERM UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3333	001/54539	M W 11:40am - 12:55pm 406 Hamilton Hall	Stefan Andriopoulos	3	12/25

GERM UN3442 Survey of 18th Century German Lit: Enlightenment, Sturm und Drang [In German]. 3 points.

Prerequisites: GERMUN3333

We will be studying the Enlightenment, Storm and Stress and the Culture of Sensibility and German Classicism in light of this period's reading cultures. (Goethe, Gessner, Schiller, Kant, Lichtenstein, Bürger, Lenz, Karsch, Klopstock, Hölderlin, Kleist). Readings and discussions in German.

GERM UN3445 German Literature After 1945 [In German]. 3 points.

Prerequisites: *GERM W3333* or the director of undergraduate studies' or the instructor's permission.

A survey of major literary texts of postwar Germany, including the so-called "rubble" literature, Group 47, GDR, New Subjectivity, minority voices and Holocaust memory. Works by Celan, Sachs, Dürrenmatt, Böll, Bachmann, Th. Bernhard, Wolf, P. Schneider, Schlink, Sebald.

GERM UN3780 Berlin/Istanbul: Migration, Culture, Values (GER). 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An intensive seminar analyzing questions of migration, identity, (self-) representation, and values with regard to the Turkish minority living in Germany today. Starting with a historical description of the „guest worker“ program that brought hundreds of thousands of Turkish nationals to Germany in the 1960s and 1970s, the course will focus on the experiences and cultural production of the second and third generations of Turkish Germans, whose presence has profoundly transformed German society and culture. Primary materials include diaries, autobiographies, legal and historical documents, but the course will also analyze poetry, novels, theater plays and films. In German.

Fall 2019: GERM UN3780

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3780	001/54554	T 12:10pm - 2:00pm 601b Fairchild Life Sciences Bldg	Claudia Breger	3	6/25

GERM UN3991 Senior Seminar. 3 points.

Prerequisites: one of the Introduction to German Literature courses and one upper-level literature course, or the instructor's permission.

Required of all German majors in their senior year. Lectures and readings in German. This course explores the manifold relations between the history of the radio and radio plays throughout the 20th century. It will trace the history and theory of radio plays including Hans Flesch, Bertolt Brecht, Friedrich Wolf, Günter Eich, Ingeborg Bachmann, and Peter Handke, among others.

Discussions will be based on the close readings of the scripts and the analysis of the actual radio plays which will be made available as audio files.

Spring 2020: GERM UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3991	001/14447	T 2:10pm - 4:00pm Room TBA	Dorothea von Muecke	3	9/12

GERM GU4000 Foreign Language Pedagogy. 3 points.

Registration is by permission of foreign language departments only. Designed to offer training in foreign language pedagogy to teaching assistants (TAs) in the foreign language departments.

Fall 2019: GERM GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4000	001/54558	Th 4:10pm - 6:00pm 404 Hamilton Hall	Silja Weber	3	8/20

GERM GU4221 20th- and 21st-century German Theater and Performance Histories (in German). 3 points.

This course introduces students to the rich histories of modern and contemporary German-language theater and performance. The turn of the 20th century marks the emergence of modernist production styles beyond classical text-based theater, and the beginnings of the “performative turns” that were to shape avant-garde, postmodern and contemporary practices, as well as cultural theory beyond the institution of theater as such. The course familiarizes students with the analytic lens of performance studies, and deploys it to study theater and performance as part of larger cultural histories from the German Kaiserreich to the “Berlin Republic.” Both within the institutional space of the theater and beyond, 20th and 21st-century performance practices allow us to trace changing concepts of art and activism, norms and collective identities. From a comparative media studies angle, the course further underlines how theater and performance have functioned at the crossroads of different media, from the literary text (the prime enemy of much 20th-century theater and performance

theory) to film and video, competitors which have become integral elements of live theater culture in the 21st century. In addition to a range of readings (theory, drama/ performance texts, reviews, etc.), we will incorporate audiovisual materials as much as possible (performance documentation where available plus related film materials).

This course is taught in German.

GERM GR8121 Proseminar: Bildungsroman [In German]. 3 points.

Proseminar for Graduate Students only.

Spring 2020: GERM GR8121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 8121	001/12346	M 12:10pm - 2:00pm Room TBA	Dorothea von Muecke	3	4/12

GERM V1201 Intermediate German Language Course, I. 4 points.

Prerequisites: *GERM V1102* or the equivalent.

Corequisites: Recommended: *GERM W1521*.

Prepares students for advanced German language and literature courses. Topics emphasize contemporary German life and cross-cultural awareness. Daily assignments, video material, and laboratory work.

SWEDISH

SWED UN1101 Elementary Swedish I. 4 points.

The goal of this course is to introduce students to the Swedish language as it is spoken in Sweden today. The class will also introduce important aspects of contemporary Swedish culture, historical figures and events, and Swedish traditions. Upon the completion of the course, students who have attended class regularly have submitted all assignments and taken all tests and quizzes should be able to: provide basic information in Swedish about themselves, families, interests, food, likes and dislikes, daily activities; understand and participate in a simple conversation on everyday topics (e.g. occupation, school, meeting people, food, shopping, hobbies, etc.); read edited texts on familiar topics, understand the main ideas and identify the underlying themes; pick out important information from a variety of authentic texts (e.g. menus, signs, schedules, websites, as well as linguistically simple literary texts such as songs and rhymes); fill in forms requesting information, write letters, notes, postcards, or messages providing simple information; provide basic information about Sweden and the rest of the Nordic countries (e.g. languages spoken, capitals, etc); use and understand a range of essential vocabulary related to everyday life (e.g. days of the week, colors, numbers, months, seasons, telling time, foods, names of stores, family, common objects, transportation, basic adjectives etc.) pronounce Swedish well enough and produce Swedish with enough grammatical accuracy to be comprehensible to a Swedish speaker with experience in speaking with non-natives. use and understand basic vocabulary related to important aspects of contemporary Swedish culture and Swedish traditions (e.g.

Christmas traditions, St. Lucia, etc.). Methodology The class will be taught in a communicative way. It will be conducted primarily, but not exclusively in Swedish. In-class activities and homework assignments will focus on developing speaking, reading, writing, listening skills, and a basic understanding of Swedish culture through interaction. Authentic materials will be used whenever possible.

Fall 2019: SWED UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1101	001/54514	M W 10:10am - 12:00pm 1 Deutsches Haus	Nina Ernst	4	10/20

SWED UN1102 Elementary Swedish II. 4 points.

This course is a continuation of the introductory Swedish 101 course. It will introduce you to the Swedish language as it is used in Sweden today. You will also learn about aspects of contemporary Swedish culture, main events and figures in Sweden's history, and Swedish traditions. Upon the completion of the course, students who have attended class regularly, have submitted all assignments and taken all tests and quizzes should be able to: talk about themselves, families, interests, likes and dislikes, daily activities, education, professional interests and future plans in some detail; understand and participate in a simple conversation on everyday topics such as educational choices, subjects, plans for the weekend and the holidays, places to live, transportation, etc read and fully comprehend edited texts on familiar topics understand the main ideas and identify the underlying themes in original texts such as literary fiction, film, and newspaper articles write short essays on a familiar topic using the relevant vocabulary understand and utilize the information in a variety of "authentic texts" (e.g. menus, signs, train schedules, websites) carry out simple linguistic tasks that require speaking on the phone (e.g. setting up an appointment, asking questions about an announcement, talking to a friend) fill in forms requesting information, write letters, e-mails, notes, post cards, or messages providing simple information; provide basic information about Sweden including: Sweden's geography, its political system and political parties, educational system, etc. discuss and debate familiar topics recognize significant figures from Sweden's history and literary history use and understand basic vocabulary related to important aspects of contemporary Swedish culture and Swedish traditions and contemporary lifestyles in Sweden. pronounce Swedish well enough and produce Swedish with enough grammatical accuracy to be comprehensible to a Swedish speaker with experience in speaking with non-natives. Methodology The class will be taught in a communicative way. It will be conducted primarily, but not exclusively in Swedish. In-class activities and homework assignments will focus on developing speaking, reading, writing, listening skills and a basic understanding of Swedish culture through interaction. Authentic materials will be used whenever possible.

Spring 2020: SWED UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SWED 001/14023 M W 10:10am - Nina Ernst 4 4/18
1102 12:00pm
1 Deutsches Haus

SWED UN2101 Intermediate Swedish I. 3 points.

The goal of this course is to further develop the speaking, reading, writing, and listening skills you have acquired in the first year Swedish courses and broaden your knowledge about the Swedish culture and history. Topics emphasize contemporary Swedish life and cross-cultural awareness. In addition to the main text, newspaper articles, shorter literary texts, film, and internet resources will be used. Class will be conducted almost exclusively in Swedish. To succeed in this course, you must actively participate. You will be expected to attend class regularly, prepare for class daily, and speak as much Swedish as possible. Methodology The class will be taught in a communicative way. It will be conducted primarily, but not exclusively in Swedish. In-class activities and homework assignments will focus on improving and developing speaking, reading, writing, listening skills, and deepening the students' understanding of Swedish culture through interaction and exposure to a broad range of authentic materials.

Fall 2019: SWED UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 2101	001/54515	M W 12:10pm - 2:00pm 1 Deutsches Haus	Nina Ernst	3	8/18

SWED UN2102 Intermediate Swedish II. 4 points.

The goal of this course is to further develop your speaking, reading, writing, and listening skills and broaden your knowledge about the Swedish culture, history and literature. Topics emphasize contemporary Swedish life and cross-cultural awareness. Topics to be covered include Sweden's regions, the party and political system, major historical and cultural figures, and the Swedish welfare state. In addition to the main text we will use a selection of short stories, newspaper articles, films and audio resources available on the internet. Class will be conducted almost exclusively in Swedish. To succeed in this course, you must actively participate. You will be expected to attend class regularly, prepare for class daily, and speak as much Swedish as possible. Methodology The class will be taught in a communicative way. It will be conducted primarily in Swedish. In-class activities and homework assignments will focus on improving and developing speaking, reading, writing, listening skills, and deepening the students' understanding of Swedish culture through interaction and exposure to a broad range of authentic materials.

Spring 2020: SWED UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 2102	001/14027	M W 12:10pm - 2:00pm 1 Deutsches Haus	Nina Ernst	4	6/18

YIDDISH

YIDD UN1101 Elementary Yiddish I. 4 points.

This course offers an introduction to the language that has been spoken by the Ashkenazi Jews for more than a millennium, and

an opportunity to discover a fabulous world of Yiddish literature, language and culture in a fun way. Using games, new media, and music, we will learn how to speak, read, listen and write in a language that is considered one of the richest languages in the world (in some aspects of vocabulary). We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO or Yiddish farm, and so on. We will also have Yiddish-speaking guests and do a few digital projects. At the end of the two-semester course, you will be able to converse in Yiddish on a variety of everyday topics and read most Yiddish literary and non-literary texts. Welcome to Yiddishland!

Fall 2019: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/54530	M W 2:10pm - 4:00pm 401 Hamilton Hall	Agnieszka Legutko	4	9/18

Spring 2020: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/13791	M W 6:10pm - 8:00pm Room TBA	Noa Tsoushu	4	15/18

YIDD UN1102 Elementary Yiddish II. 4 points.

This course offers an introduction to the language that has been spoken by the Ashkenazi Jews for more than a millennium, and an opportunity to discover a fabulous world of Yiddish literature, language and culture in a fun way. Using games, new media, and music, we will learn how to speak, read, listen and write in a language that is considered one of the richest languages in the world (in some aspects of vocabulary). We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO or Yiddish farm, and so on. We will also have Yiddish-speaking guests and do a few digital projects. At the end of the two-semester course, you will be able to converse in Yiddish on a variety of everyday topics and read most Yiddish literary and non-literary texts. Welcome to Yiddishland!

Fall 2019: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/54546	T Th 2:10pm - 4:00pm 404 Hamilton Hall	David Braun	4	6/18

Spring 2020: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/13788	M W 2:10pm - 4:00pm Room TBA	Agnieszka Legutko	4	8/18

YIDD UN2101 Intermediate Yiddish I. 4 points.

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!

Fall 2019: YIDD UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 2101	001/54538	M W 10:10am - 12:00pm 411 Hamilton Hall	Agnieszka Legutko	4	7/18

Spring 2020: YIDD UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 2101	001/13797	T Th 2:10pm - 4:00pm Room TBA	Agnieszka Legutko	4	1/18

YIDD UN2102 Intermediate Yiddish II. 4 points.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission.

This year-long course is a continuation of Elementary Yiddish II. As part of the New Media in Jewish Studies Collaborative, this class will be using new media in order to explore and research the fabulous world of Yiddish literature, language, and culture, and to engage in project-oriented activities that will result in creating lasting multi-media online presentations. In addition to expanding the command of the language that has been spoken by the Ashkenazi Jews for more than a millennium, i.e. focusing on developing speaking, reading, writing and listening skills, and on the acquisition of more advanced grammatical concepts, students will also get some video and film editing training, and tutorials on archival research. The class will continue to read works of Yiddish literature in the original and will venture outside of the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, YIVO, Yiddish Farm, and so on. And we will also have the Yiddish native-speaker guest series. Welcome back to Yiddishland!

Spring 2020: YIDD UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 2102	001/13794	M W 10:10am - 12:00pm Room TBA	Agnieszka Legutko	4	4/18

YIDD UN3334 Advanced Yiddish. 3 points.

May be repeated for credit.

Prerequisites: YIDD UN2101- YIDD UN2102 or the instructor's permission.

Reading of contemporary authors. Stress on word usage and idiomatic expression, discussion.

YIDD GU4101 Introduction To Yiddish Studies. 3 points.

The study of Ashkenazic Jewish culture from its beginnings to the present day. Research tools; written and oral sources; trends in scholarship; scope of the field.

OF RELATED INTEREST

German (Barnard)

GERM BC3012	Telenovelas
GERM BC3224	Germany's Traveling Cultures

HISTORY

Departmental Office: 413 Fayerweather; 212-854-4646

<http://www.history.columbia.edu>

Director of Undergraduate Studies: Prof. Neslihan Şenocak , 324 Fayerweather; nsenocak@columbia.edu

Undergraduate Administrator: Kimberly Solomon; kms2307@columbia.edu

The history curriculum covers most areas of the world and most periods of history. It encourages students to develop historical understanding in the widest sense of the word: a thorough empirical grasp along with the kind of analytical skills that come with a genuinely historical sensibility. This is done through two types of courses: lectures and seminars. Lectures range from broad surveys of the history of a place or period to more thematically oriented courses. Seminars offer students the opportunity to work more closely with historical sources in smaller groups and to do more sophisticated written work. Because history courses usually have no prerequisites, there are no preordained sequences to follow. It is advisable, however, that students take a relevant lecture course in preparation for a seminar. Majors wishing to follow a more intensive program are advised to enroll in a historiography course and to undertake a senior thesis project. Historically, majors have pursued careers in a very wide range of areas including medicine, law, mass media, Wall Street, and academia.

ADVANCED PLACEMENT

Students may receive 3 credits toward the overall degree requirements for a score of 5 on the AP European History exam or the AP United States History exam. No points count toward or fulfill any requirements of the history major or concentration.

ADVISING

During their junior and senior years, majors and concentrators are advised by the faculty members of the Undergraduate Education Committee (UNDED). UNDED advisers also review and sign Plan of Study (POS) forms for majors and concentrators at

least once per year. POS forms track students' progress toward completing all major and concentration requirements. New history majors and concentrators may see any member of UNDED. For the most up-to-date information on UNDED members, please see the undergraduate advising page of the departmental website (<http://www.history.columbia.edu>).

Majors and concentrators can also receive pure academic interest advising (non-requirement advising) from any faculty member and affiliated faculty member of the department.

First-years and sophomores considering a history major or concentration can seek advising from UNDED or any other faculty member.

For questions about requirements, courses, or the general program, majors and concentrators can also contact the undergraduate administrator.

DEPARTMENTAL HONORS

To be eligible for departmental honors, the student must have a GPA of at least 3.6 in courses for the major, an ambitious curriculum, and an outstanding senior thesis. Honors are awarded on the basis of a truly outstanding senior thesis. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

COURSE NUMBERING

Courses are numbered by *type*:

UN 1xxx - Introductory Survey Lectures

UN 2xxx - Undergraduate Lectures

UN 3xxx - Undergraduate Seminars

GU 4xxx - Joint Undergraduate/Graduate Seminars

and *field* (with some exceptions):

x000-x059: Ancient

x060-x099: Medieval

x100-x199: Early modern Europe

x200-x299: East Central Europe

x300-x399: Modern Western Europe

x400-x599: United States

x600-x659: Jewish

x660-x699: Latin America

x700-x759: Middle East

x760-x799: Africa

x800-x859: South Asia

x860-x899: East Asia

x900-x999: Research, historiography, and transnational

SEMINARS

Seminars are integral to the undergraduate major in history. In these courses, students develop research and writing skills under the close supervision of a faculty member. Enrollment is normally limited to approximately 15 students. In order to maintain the small size of the courses, admission to most seminars is by instructor's permission or application.

In conjunction with the Barnard History Department and other departments in the University (particularly East Asian Languages and Cultures), the History Department offers about 25 seminars each semester that majors may use to meet their seminar requirements. While there are sufficient seminars offered to meet the needs of majors seeking to fulfill the two-seminar requirement, given the enrollment limits, students may not always be able to enroll in a particular seminar. Students should discuss with UNDED their various options for completing the seminar requirement.

The History Department has developed an on-line application system for some seminars. The department regularly provides declared majors and concentrators with information on upcoming application periods, which typically occur midway through the preceding semester. Students majoring in other fields, or students who have not yet declared a major, must inform themselves of the application procedures and deadlines by checking the undergraduate seminar page of the departmental website (<http://www.history.columbia.edu>).

PROFESSORS

Charles Armstrong

Volker Berghahn (*emeritus*)

Richard Billows

Elizabeth Blackmar

Casey Blake

Christopher Brown

Richard Bulliet (*emeritus*)

Elisheva Carlebach

Mark Carnes (Barnard)

Zeynep Çelik

George Chauncey

John Coatsworth (Provost)

Matthew Connelly

Victoria de Grazia

Mamadou Diouf (Middle Eastern, South Asian, and African Studies)

Catherine Evtuhov

Barbara Fields

Eric Foner (*emeritus*)

Carol Gluck

Martha Howell

Robert Hymes (East Asian Language and Cultures)

Kenneth Jackson

Karl Jacoby

Matthew Jones

Ira Katznelson (Political Science)

Joel Kaye (Barnard)

Alice Kessler-Harris (*emerita*)

Rashid Khalidi

Dorothy Ko (Barnard)

Adam Kosto

William Leach (*emeritus*)

Gregory Mann

Mark Mazower

Robert McCaughey (Barnard)

Stephanie McCurry
 Jose Moya (Barnard)
 Mae Ngai
 Susan Pedersen
 Pablo Piccato
 Rosalind Rosenberg (Barnard)
 David Rosner (Mailman School of Public Health)
 David Rothman (Physicians and Surgeons)
 Simon Schama (University Professor)
 Seth Schwartz
 Herbert Sloan (Barnard, *emeritus*)
 Pamela Smith
 Robert Somerville (Religion)
 Michael Stanislawski
 Anders Stephanson
 Lisa Tiersten (Barnard)
 Adam Tooze
 Deborah Valenze (Barnard)
 Marc Van de Mieroop
 Richard Wortman (*emeritus*)
 Madeleine Zelin (East Asian Languages and Cultures)

ASSOCIATE PROFESSORS

Gergely Baics (Barnard)
 Lisbeth Kim Brandt (East Asian Languages and Cultures)
 Paul Chamberlin
 Amy Chazkel
 Charly Coleman
 Marwa Elshakry
 Frank Guridy
 Hilary Hallett
 Natasha Lightfoot
 Malgorzata Mazurek
 Nara Milanich
 Lien-Hang Nguyen
 Gregory Pflugfelder (East Asian Languages and Cultures)
 Caterina Pizzigoni
 Anupama Rao (Barnard)
 Camille Robcis
 Samuel Roberts
 Neslihan Senocak
 Rhiannon Stephens
 Gray Tuttle (East Asian Languages and Cultures)
 Carl Wennerlind (Barnard)

ASSISTANT PROFESSORS

Hannah Farber
 Andrew Lipman (Barnard)
 Gulnar Kendirbai (Visiting)
 A. Tunç Şen
 Alma Steingart
 Sailakshmi Ramgopal

LECTURERS IN DISCIPLINE

Victoria Phillips

ON LEAVE

Fall 2019: Armstrong, Carnes (Barnard), de Grazia, Howell, Piccato, Schwartz, Smith, Stephanson, Stephens, Tooze

Spring 2020: Armstrong, Baics, Gluck, Jackson, Piccato, Pizzigoni, Schwartz, Smith, Stephanson, Stephens, Tooze, Valenze

GUIDELINES FOR ALL HISTORY MAJORS AND CONCENTRATORS

For detailed information about the history major or concentration, as well as the policies and procedures of the department, please refer to the *History at Columbia Undergraduate Handbook*, available for download on the departmental website (<http://www.history.columbia.edu/undergraduate/handbook/>).

MAJOR IN HISTORY

Students must complete a minimum of *nine* courses in the department, of which *four* or more must be in an area of specialization chosen by the student and approved by a member of UNDED. Students must also fulfill a breadth requirement by taking three courses outside of their specialization. Two of the courses taken in the major must be seminars (including one seminar in the chosen specialization).

The requirements of the undergraduate program encourage students to do two things:

1. Develop a deeper knowledge of the history of a particular time and/or place. Students are required to complete a specialization by taking a number of courses in a single field of history of their own choosing. The field should be defined, in consultation with a member of UNDED, according to geographical, chronological, and/or thematic criteria. For example, a student might choose to specialize in 20th C. U.S. History, Medieval European History, Ancient Greek and Roman History, or Modern East Asian History. The specialization does not appear on the student's transcript, but provides an organizing principle for the program the student assembles in consultation with UNDED.
2. Gain a sense of the full scope of history as a discipline by taking a broad range of courses. Students must fulfill a breadth requirement by taking courses outside their own specialization -- at least one course removed in time and two removed in space.
 - a. Time: majors and concentrators must take at least one course removed in time from their specialization:
 - Students specializing in the modern period must take at least one course in the pre-modern period; students specializing in the pre-modern period must take at least one course in the modern period.

- If the course proposed is in the same regional field as a student's specialization, special care must be taken to ensure that it is as far removed as possible; please consult with UNDED to make sure a given course counts for the chronological breadth requirement.

b. Space: majors must take at least two additional courses in regional fields not their own:

- These two "removed in space" courses must also cover **two different** regions.
- For example, students specializing in some part of Europe must take two courses in Africa, East or South Asia, Latin America/Caribbean, Middle East, and/or the U.S.
- Some courses cover multiple geographic regions. If a course includes one of the regions within a student's specialization, that course cannot count towards the breadth requirement unless it is specifically approved by the Director of Undergraduate Studies. For example, if a student is specializing in 20th C. U.S. history and takes the class *World War II in Global Perspective*, the class is too close to the specialization and may not count as a regional breadth course.

All courses in the Barnard History Department as well as select courses in East Asian Languages and Cultures; Middle Eastern, South Asian, and African Studies; and other departments count toward the major. Eligible inter-departmental courses may include:

- African Civilizations (AFCV UN1020) (when taught by Professor Gregory Mann, Professor Rhiannon Stephens, or PhD students in the Columbia University Department of History; the course does NOT count for History when taught by anyone else)
- Primary Texts of Latin American Civilization (LACV UN1020) (when taught by Professor Pablo Piccato, Professor Caterina Pizzigoni, or PhD students in the Columbia University Department of History; the course does NOT count for History when taught by anyone else)
- Introduction to East Asian Civilizations: China (ASCE UN1359), Introduction to East Asian Civilizations: Japan (ASCE UN1361), Introduction to East Asian Civilizations: Korea (ASCE UN1363) or other ASCE UN1xxx courses (when taught by Professors Charles Armstrong, Carol Gluck, Robert Hymes, Dorothy Ko, Eugenia Lean, Feng Li, David Lurie, Jungwon Kim, Paul Kreitman, Gregory Pflugfelder, Gray Tuttle, or Madeleine Zelin, and NOT when they are taught by anyone else)
- Please see the Courses section on the departmental website (<http://www.history.columbia.edu/>) to see which of these might count in a given semester. Any courses not listed or linked on the departmental website, however historical in approach or content, do not count toward the history major or concentration, except with explicit written approval of the UNDED chair.

- If you suspect a History course has escaped being listed at the above link and want to confirm whether or not it counts for History students, please contact the Undergraduate Administrator.

Thematic Specializations

Suitably focused thematic and cross-regional specializations are permitted and the breadth requirements for students interested in these topics are set in consultation with a member of UNDED. Classes are offered in fields including, but not limited to:

- Ancient history
- Medieval history
- Early modern European history
- Modern European history
- United States history
- Latin American and Caribbean history
- Middle Eastern history
- East Asian history
- South Asian history

Additionally, classes are offered in thematic and cross-regional fields which include, but are not limited to:

- Intellectual history
- Jewish history
- Women's history
- International history
- History of science

These fields are only examples. Students should work with a member of UNDED to craft a suitably focused specialization on the theme or field that interests them.

Thesis Requirements

Majors may elect to write a senior thesis, though this is not a graduation requirement. Only senior thesis writers are eligible to be considered for departmental honors. The senior thesis option is not available to concentrators.

The yearlong HIST UN3838-HIST UN3839 Senior Thesis Seminar carries 8 points, 4 of which typically count as a seminar in the specialization. For the most up-to-date information on the field designations for history courses, please see the Courses section of the departmental website (<http://www.history.columbia.edu/>).

CONCENTRATION IN HISTORY

Effective February 2018, students must complete a minimum of *six* courses in history. At least *three* of the six courses must be in an area of specialization, *one* far removed in time, and *one* on a geographic region far removed in space. There is no seminar requirement for the concentration.

FALL 2019 HISTORY COURSES

HIST UN1010 The Ancient Greeks 800-146 B.C.E.. 4 points.

A review of the history of the Greek world from the beginnings of Greek archaic culture around 800 B.C., through the classical and hellenistic periods to the definitive Roman conquest in 146 B.C., with concentration on political history, but attention also to social and cultural developments. *Field(s): ANC*

Fall 2019: HIST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1010	001/36466	T Th 10:10am - 11:25am 203 Mathematics Building	Richard Billows	4	61/110

HIST UN1002 Ancient History of Mesopotamia and Asia Minor. 4 points.

A survey of the political and cultural history of Mesopotamia, Anatolia, and Iran from prehistory to the disappearance of the cuneiform documentation, with special emphasis on Mesopotamia. *Groups(s): A*

Fall 2019: HIST UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1002	001/36479	T Th 4:10pm - 5:25pm 233 Seeley W. Mudd Building	Marc Van De Microop	4	26/75

HIST UN1768 European Intellectual History. 4 points.

This course provides an introduction to some of the major landmarks in European cultural and intellectual history, from the aftermath of the French Revolution to the 1970s. We will pay special attention to the relationship between texts (literature, anthropology, political theory, psychoanalysis, art, and film) and the various contexts in which they were produced. Among other themes, we will discuss the cultural impact of the Enlightenment, the French Revolution, industrialism, colonialism, modernism, the Russian Revolution, the two world wars, decolonization, feminism and gay liberation movements, structuralism and poststructuralism. In conjunction, we will examine how modern ideologies (liberalism, conservatism, Marxism, imperialism, fascism, totalitarianism, neoliberalism) were developed and challenged over the course of the last two centuries.

Participation in weekly discussion sections staffed by TAs is mandatory. The discussion sections are 50 minutes per session. Students must register for the general discussion ("DISC") section, and will be assigned to a specific time and TA instructor once the course begins.

Fall 2019: HIST UN1768

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1768	001/10232	M W 2:40pm - 3:55pm 313 Fayerweather	Camille Robcis	4	36/75

HIST UN1786 History of the City in Latin America. 4 points.

This course covers the historical development of cities in Latin America. Readings, lectures, and discussion sections will examine the concentration of people in commercial and political centers from the beginnings of European colonization in the fifteenth century to the present day and will introduce contrasting approaches to the study of urban culture, politics, society, and the built environment. Central themes include the reciprocal relationships between growing urban areas and the countryside; changing power dynamics in modern Latin America, especially as they impacted the lives of cities' nonelite majority populations; the legalities and politics of urban space; planned versus unplanned cities and the rise of informal economies; the way changing legal and political rights regimes have affected urban life; and the constant tension between tradition and progress through which urban society was formed. There are no prerequisites for this course. Attendance at weekly Discussion Sections required.

Fall 2019: HIST UN1786

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1786	001/36520	M W 10:10am - 11:25am 313 Fayerweather	Amy Chazkel	4	36/75

HIST UN2112 The Scientific Revolution in Western Europe: 1500-1750. 4 points.

Introduction to the cultural, social, and intellectual history of the upheavals of astronomy, anatomy, mathematics, alchemy from the Renaissance to the Enlightenment. *Field(s): EME*

Fall 2019: HIST UN2112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2112	001/36481	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Matthew Jones	4	12/40

HIST UN2377 INTERNATIONAL & GLOBAL HISTORY SINCE WWII. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

In this course students will explore contemporary international and global history, focusing on how states have cooperated and competed in the Cold War, decolonization, and regional crises. But lectures will also analyze how non-governmental organizations, cross-border migration, new means of communication, and global markets are transforming the international system as a whole. Group(s): B, C, D Field(s): INTL

Fall 2019: HIST UN2377

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2377	001/36468	M W 10:10am - 11:25am Davis International House	Matthew Connelly	4	114/175

HIST UN2432 The United States In the Era of Civil War and Reconstruction. 4 points.

The coming of the Civil War and its impact on the organization of American society afterwards.

Fall 2019: HIST UN2432

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2432	001/36482	T Th 11:40am - 12:55pm 301 Pupin Laboratories	Stephanie McCurry	4	64/110

HIST UN2478 U.S. Intellectual History, 1865 To the Present. 3 points.

This course examines major themes in U.S. intellectual history since the Civil War. Among other topics, we will examine the public role of intellectuals; the modern liberal-progressive tradition and its radical and conservative critics; the uneasy status of religion in a secular culture; cultural radicalism and feminism; critiques of corporate capitalism and consumer culture; the response of intellectuals to hot and cold wars, the Great Depression, and the upheavals of the 1960s. *Field(s): US*

Fall 2019: HIST UN2478

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2478	001/36470	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Casey Blake	3	52/110

HIST UN2523 History of Health Inequality in the Modern United States. 4 points.

Through assigned readings and a group research project, students will gain familiarity with a range of historical and social science problems at the intersection of ethnic/racial/sexual formations, technological networks, and health politics since the turn of the twentieth century. Topics to be examined will include, but will not be limited to, black women's health organization and care; HIV/AIDS politics, policy, and community response; "benign neglect"; urban renewal and gentrification; medical abuses and the legacy of Tuskegee; tuberculosis control; and environmental justice. There are no required qualifications for enrollment, although students will find the material more accessible if they have had previous coursework experience in United States history, pre-health professional (pre-med, pre-nursing, or pre-public health), African-American Studies, Women and Gender Studies, Ethnic Studies, or American Studies.

Fall 2019: HIST UN2523

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2523	001/36483	M W 8:40am - 9:55am 503 Hamilton Hall	Samuel Roberts	4	23/54

HIST UN2533 US Lesbian and Gay History. 4 points.

This course explores the social, cultural, and political history of lesbians, gay men, and other socially constituted sexual and gender minorities, primarily in the twentieth century. Since

the production and regulation of queer life has always been intimately linked to the production and policing of "normal" sexuality and gender, we will also pay attention to the shifting boundaries of normative sexuality, especially heterosexuality, as well as other developments in American history that shaped gay life, such as the Second World War, Cold War, urbanization, and the minority rights revolution. Themes include the emergence of homosexuality and heterosexuality as categories of experience and identity; the changing relationship between homosexuality and transgenderism; the development of diverse lesbian and gay subcultures and their representation in popular culture; the sources of antigay hostility; religion and sexual science; generational change and everyday life; AIDS; and gay, antigay, feminist, and queer movements.

Fall 2019: HIST UN2533

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2533	001/36472	M W 11:40am - 12:55pm 301 Pupin Laboratories	George Chauncey	4	81/110

HIST UN2580 THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course examines the history of the relationship between the United States and the countries of East Asia in the 19th and 20th centuries. The first half of the course will examine the factors that drove the United States to acquire territorial possessions in Asia, to vie for a seat at the imperial table at China's expense, and to eventual confrontation with Japan over mastery in the Pacific from the turn of the century leading to the Second World War. The second half of the course will explore the impact of U.S. policy toward East Asia during the Cold War when Washington's policy of containment, which included nation-building, development schemes, and waging war, came up against East Asia's struggles for decolonization, revolution, and modernization. Not only will this course focus on state-to-state relations, it will also address a multitude of Chinese, Japanese, Korean, and Vietnamese perspectives on the United States and American culture through translated text, oral history, fiction, and memoir.

Participation in weekly discussion sections, which will begin no later than the third week of classes, is mandatory.

Fall 2019: HIST UN2580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2580	001/36486	T Th 10:10am - 11:25am 209 Havemeyer Hall	Lien-Hang Nguyen	4	104/110

HIST UN2587 Sport & Society in the Americas. 4 points.

This course explores the ways organized sport constitutes and disrupts dominant understandings of nation, race, gender, and sexuality throughout the Americas. Working from the notion that sport is "more than a game," the class will examine the social,

cultural and political impact of sports in a variety of American contexts in the past and present. While our primary geographic focus will be the United States, Brazil, and the Caribbean, the thrust of the course encourages students to consider sports in local, national, and transnational contexts. The guiding questions of the course are: What is the relationship between sport and society? How does sport inform political struggles within and across national borders? How does sport reinforce and/or challenge social hierarchies? Can sport provide visions of alternative conceptions of the self and community? Throughout the semester, we will examine such topics as: the continuing political struggles surrounding mega-events such as the Olympics and World Cup, the role of professional baseball in the rise and fall of Jim Crow segregation, the contradictory impact of high school football in Texas, the centrality of tennis to the women's movement in the United States, and the role of sports in the growth of the city of Los Angeles. Course materials include works by historians, sociologists, social theorists, and journalists who have also been key contributors to the burgeoning field of sports studies.

Fall 2019: HIST UN2587

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2587	001/36488	T Th 10:10am - 11:25am 402 Chandler	Frank Guridy	4	64/110

HIST UN2618 The Modern Caribbean. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course examines the social, cultural, and political history of the islands of the Caribbean Sea and the coastal regions of Central and South America that collectively form the Caribbean region, from Amerindian settlement, through the era of European imperialism and African enslavement, to the period of socialist revolution and independence. The course will examine historical trajectories of colonialism, slavery, and labor regimes; post-emancipation experiences and migration; radical insurgencies and anti-colonial movements; and intersections of race, culture, and neocolonialism. It will also investigate the production of national, creole, and transborder identities. Formerly listed as "The Caribbean in the 19th and 20th centuries". *Field(s): LAC*

Fall 2019: HIST UN2618

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2618	001/36490	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Natasha Lightfoot	4	102/110

HIST UN2628 History of the State of Israel, 1948-Present. 3 points.

The political, cultural, and social history of the State of Israel from its founding in 1948 to the present. *Group(s): C Field(s): ME*

Fall 2019: HIST UN2628

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 2628	001/36516	T Th 10:10am - 11:25am 825 Seeley W. Mudd Building	Michael Stanislawski	3	28/75
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HIST UN2719 History of the Modern Middle East. 4 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Graduate students must register for HIST G6998 version of this course.

This course will cover the history of the Middle East from the 18th century until the present, examining the region ranging from Morocco to Iran and including the Ottoman Empire. It will focus on transformations in the states of the region, external intervention, and the emergence of modern nation-states, as well as aspects of social, economic, cultural and intellectual history of the region. *Field(s): ME*

Fall 2019: HIST UN2719

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2719	001/36492	T Th 8:40am - 9:55am 417 International Affairs Bldg	Rashid Khalidi	4	196/250

HIST UN2772 West African History. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers a survey of main themes in West African history over the last millenium, with particular emphasis on the period from the mid-15th through the 20th century. Themes include the age of West African empires (Ghana, Mali, Songhay); re-alignments of economic and political energies towards the Atlantic coast; the rise and decline of the trans-Atlantic trade in slaves; the advent and demise of colonial rule; and internal displacement, migrations, and revolutions. In the latter part of the course, we will appraise the continuities and ruptures of the colonial and post-colonial eras. *Group(s): C Field(s): AFR*

Fall 2019: HIST UN2772

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2772	001/36494	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Gregory Mann	3	56/75

HSME UN2810 History of South Asia I: al-Hind to Hindustan. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Graduate students must register for HIST G6998 version of this course.

This survey lecture course will provide students with a broad overview of the history of South Asia as a region - focusing on key political, cultural and social developments over more than two millennia. The readings include both primary sources (in translation) and secondary works. Our key concerns will be the political, cultural and theological encounters of varied

communities, the growth of cities and urban spaces, networks of trade and migrations and the development of both local and cosmopolitan cultures across Southern Asia. The survey will begin with early dynasties of the classical period and then turn to the subsequent formation of various Perso-Turkic polities, including the development and growth of hybrid political cultures such as those of Vijayanagar and the Mughals. The course also touches on Indic spiritual and literary traditions such as Sufi and Bhakti movements. Near the end of our course, we will look forward towards the establishment of European trading companies and accompanying colonial powers.

Fall 2019: HSME UN2810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2810	001/36464	M W 8:40am - 9:55am 313 Fayerweather	Manan Ahmed	3	58/75

HIST UN3011 The Second World War. 4 points.

This course surveys some of the major historiographical debates surrounding the Second World War. It aims to provide student with an international perspective of the conflict that challenges conventional understandings of the war. In particular, we will examine the ideological, imperial, and strategic dimensions of the war in a global context. Students will also design, research, and write a substantial essay of 15-18 pages in length that makes use of both primary and secondary sources.

Fall 2019: HIST UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3011	001/36474	Th 12:10pm - 2:00pm 302 Fayerweather	Paul Chamberlin	4	15/15

HIST UN3019 Rivers, Politics, and Power in the United States. 4 points.

Rivers have played a central role in the creation of the modern United States whether through the trade networks they formed or the rise of the environmental movement in the twentieth century when stinking and burning rivers across the nation made it impossible to ignore the costs of economic progress. This seminar begins by defining rivers as a unique natural and historical process, followed by an exploration of rivers' connections to the rise of capitalism and nationalism, but the course focuses on the history of the twentieth century when rivers become important international borders, cities boomed, and citizens debated how to control rivers and the people who lived along them. While rivers such as the Columbia River have served to concentrate wealth and political power through government-built dams administered by an elite group of bureaucrats, others like many of the flood-prone rivers of the South have limited both economic development and landlord's ability to control people. This seminar is an environmental, political, and social history of rivers in the United States, that uses the two rivers closest to Columbia's campus, the Hudson and Harlem rivers, as case studies for the entire course.

Fall 2019: HIST UN3019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3019	001/13257	Th 10:10am - 12:00pm 311 Fayerweather	Wallace McFarlane	4	11/15

HIST UN3032 Pre-Colonial Mesoamerican Societies and Cultures, ca. 1200 BCE-1600 CE. 4 points.

This course explores the histories, social organizations, and material cultures of the pre-colonial peoples of Central America and Mexico between ca. 1200 BCE and 1600 CE, with a particular focus on the three best-attested societies: the Olmecs, the Maya, and the Aztecs. Through an interdisciplinary examination of textual and archaeological sources, the class will address the extent to which one can highlight a common 'Mesoamerican' worldview as a lens to better understand the societies of this region. (No prerequisites)

Fall 2019: HIST UN3032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3032	001/13285	W 4:10pm - 6:00pm 311 Fayerweather	Adam Matthews	4	11/15

HIST UN3069 History of the American Middle Class . 4 points.

What does it mean to be middle class in America, and what has it meant historically? This course examines the history of middle-class status in America, from the early days of professionalization and corporate bureaucracy, to the progressive era political mobilization, to the mid-century consumerist era, to the present white collar precariat. By looking at cultural habits, social organization, and political engagement, and by examining materials from living room furniture to avocado toast, we'll chart the rise and fall of the most sought-after class denomination in American history.

Fall 2019: HIST UN3069

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3069	001/13286	M 4:10pm - 6:00pm 311 Fayerweather	Joshua Schwartz	4	12/15

HIST UN3335 20th Century New York City History. 4 points.

This course explores critical areas of New York's economic development in the 20th century, with a view to understanding the rise, fall and resurgence of this world capital. Discussions also focus on the social and political significance of these shifts. Assignments include primary sources, secondary readings, film viewings, trips, and archival research. Students use original sources as part of their investigation of New York City industries for a 20-page research paper. An annotated bibliography is also required. Students are asked to give a weekly update on research progress, and share information regarding useful archives and websites.

Fall 2019: HIST UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3335	001/36497	W 6:10pm - 8:00pm 311 Fayerweather	Kenneth Jackson	4	13/15

HIST 3335 002/13381 Th 2:10pm - 4:00pm Kenneth 4 18/18
302 Fayerweather Jackson

EAAS UN3338 Cultural History of Japanese Monsters. 3 points.

Priority is given to EALAC and History majors, as well as to those who have done previous coursework on Japan.

From Godzilla to Pokemon (literally, "pocket monster") toys, Japanese monsters have become a staple commodity of late-capitalist global pop culture. This course seeks to place this phenomenon within a longer historical, as well as a broader cross-cultural, context. Through an examination of texts and images spanning over thirteen centuries of Japanese history, along with comparable productions from other cultures, students will gain an understanding not only of different conceptions and representations of monsters, ghosts, and other supernatural creatures in Japan, but also of the role of the "monstrous" in the cultural imagination more generally. The course draws on various media and genres of representation, ranging from written works, both literary and scholarly, to the visual arts, material culture, drama, and cinema. Readings average 100-150 pages per week. Several film and video screenings are scheduled in addition to the regular class meetings. Seating is limited, with final admission based on a written essay and other information to be submitted to the instructor before the beginning of the semester.

Fall 2019: EAAS UN3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3338	001/44511	T Th 6:10pm - 7:25pm 101 Kent Hall	Gregory Pflugfelder	3	9/13

HIST UN3838 Senior Thesis Seminar. 4 points.

A year-long course for outstanding senior majors who want to conduct research in primary sources on a topic of their choice in any aspect of history, and to write a senior thesis possibly leading toward departmental honors.

Fall 2019: HIST UN3838

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/36498	W 4:10pm - 6:00pm 301m Fayerweather	Elisheva Carlebach	4	12/13
HIST 3838	002/36499	T 2:10pm - 4:00pm 402 Hamilton Hall	George Chauncey	4	7/13
HIST 3838	003/36500	T 2:10pm - 4:00pm 411 Fayerweather	Natasha Lightfoot	4	8/13
HIST 3838	004/36501	W 4:10pm - 6:00pm 501b International Affairs Bldg	Hilary-Anne Hallett	4	11/13

Spring 2020: HIST UN3838

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/12152	W 4:10pm - 6:00pm Room TBA	Elisheva Carlebach	4	8/15
HIST 3838	002/12153	T 2:10pm - 4:00pm Room TBA	George Chauncey	4	6/15
HIST 3838	003/12154	T 2:10pm - 4:00pm Room TBA	Natasha Lightfoot	4	9/15

HIST 3838 004/12156 W 4:10pm - 6:00pm Hilary-Anne 4 8/15
Room TBA Hallett

CSER UN3928 Colonization/Decolonization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission. This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000. Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents.

Fall 2019: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/57875	W 2:10pm - 4:00pm 420 Hamilton Hall	Karl Jacoby	4	19/22

HIST UN3930 The Eastern Mediterranean in the Late Bronze Age. 4 points.

This course presents a comparative study of the histories of Egypt, the Near East, Anatolia and the Aegean world in the period from c. 1500-1100 BC, when several of the states provide a rich set of textual and archaeological data. It will focus on the region as a system with numerous participants whose histories will be studied in an international context. The course is a seminar: students are asked to investigate a topic (e.g., diplomacy, kingship, aspects of the economy, etc.) in several of the states involved and present their research in class and as a paper.

Fall 2019: HIST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3930	001/36502	T 2:10pm - 4:00pm 302 Fayerweather	Marc Van De Mierop	4	6/15

HIST GU4083 Crime and Punishment in the Middle Ages. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

How a society defines crime, and how it deals with the criminals tells us a lot about the moral values, and the political and economic structure of that society, as well as its internal conflicts, superstitions, and fears. Often supposed to be a barbaric community of ignorant unruly men governed by greedy kings and popes, the medieval society in the popular culture is often an inspiration to the grotesque representations of violence and torture. Even an intellectual like Michel Foucault did not hesitate to advance a theory of medieval punishment, albeit a terribly wrong one, as one that focuses on the body and spectacle. This

course is designed to trace the origins of the modern criminal legislation and practices to the Middle Ages, some of which were jury trial, public persecution, and prisons. How did these practices come about, and under which social conditions? The focus of the course will be on violent crimes, such as murder, robbery, assault and suicide, and some particularly medieval crimes like sorcery, blasphemy and sodomy. The geographical scope will be limited to England, Italy and France. The class discussions are expected to take the form of collective brainstorming on how the political powers, social classes, cultural values, and religious beliefs affect the development of criminal legislation and institutions. Whenever possible the weekly readings will feature a fair share of medieval texts, including trial records, criminal laws, a manual for trying witches, and prison poetry. *Field(s): *MED*

HIST GU4121 MARGINS OF HISTORIOGRAPHY: . 4 points.

Prerequisites: Reading knowledge of Turkish and/or French is desirable but not mandatory. Students who cannot read Turkish but are interested in enrolling are still encouraged to contact the course instructors.

This seminar aims to open a window onto historiographic traditions from overlooked contexts, with the argument that they broaden the field from much needed empirical and theoretical perspectives, while at the same time offer new venues to trigger critical thinking. Relying on their respective specialties, Professors Çelik and Şen will familiarize the students with the key works, trends, and names of the rigorous and essential scholarship in Ottoman-Turkish historiography that students of Ottoman-Turkish-Middle East history should be familiar with for their research and teaching. This exposure will also serve well history students in other areas in building comparative frameworks. Weekly discussion topics will range from economic and social history to history of science, urban history, and visual and literary culture, altogether coalescing into a multi-dimensional picture. Each week the instructors will present the major scholarly traditions and introduce key historians by intersecting them with the twentieth-century politico-cultural history. These presentations will be followed by the close discussion of assigned readings (mostly in English and to a limited extent in Turkish and French), with references to relevant historiographical traditions effective at the time on a global scale. Along the way, the students will be exposed to the work of legendary historians, among them Halil İnalcık and Ömer Lütfi Barkan, who examined exhaustive periods of Ottoman history, shifting from economic to social and cultural history and triangulating their arguments from different angles.

Fall 2019: HIST GU4121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4121	001/36527	Th 2:10pm - 4:00pm 402 Hamilton Hall	Zeynep Celik, Tunc Sen	4	16/15

HIST GU4217 Women as Cold War Weapons . 4 points.

Cold War ideological campaigns for the “hearts and minds” abutted “hot war” confrontations between 1945 and 1991, and women engaged with both. This course has three purposes: (i) to

examine the role of women in the United States as a reflection and enactment of Cold War politics; (ii) to provide an understanding of cultural forces in building ideas in foreign markets; (iii) to reframe the understanding of power as a strategy of United States Cold War battles. To this end, the class will open with a history and examination of women and the traditional narratives of the nation at “wars,” and then continue to explore the political power of women, cultural diplomacy, military operations, and conclude with two case studies. This seminar examines the history of government and private sector mechanisms used to export national ideals by and about women in order to enact American foreign policy agendas in the Cold War. To build their knowledge, students will be asked to parse primary materials in the context of secondary readings. They will do class presentations and present at a conference, and will have the opportunity to discuss their interests with leading scholars of the Cold War. The requirements include significant weekly readings, postings, attendance at discussions, a class presentation, and participation in the class conference at the conclusion of the semester.

Fall 2019: HIST GU4217

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4217	001/10358	Th 12:10pm - 2:00pm 311 Fayerweather	Victoria Phillips	4	10/20

HIST GU4426 People of the Old South. 4 points.

No place or period in American history has ignited more passion or brought into being a richer trove of first-rate scholarship than the South during the years before the Civil War. On the other hand, no place or period in American history has generated more misguided scholarship or more propaganda. In this course, students will sample historical literature and primary sources about the Old South, evaluating the interpretations historians have offered and scrutinizing some of the documents on which historians of the Old South have based their conclusions.

Fall 2019: HIST GU4426

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4426	001/36504	T 4:10pm - 6:00pm 311 Fayerweather	Barbara Fields	4	8/15

HIST GU4455 Transnational Migration and Citizenship. 4 points.

This course will read recent scholarship on migration and citizenship (with some nod to classic works); as well as theoretical work by historians and social scientists in the U.S. and Europe on the changing conceptual frameworks that are now shaping the field. The first half of the course will read in the literature of U.S. immigration history. The second half of the course is comparative, with readings in the contexts of empire, colonialism and contemporary refugee and migration issues in the U.S. and Europe.

HIST GU4470 Cold War Power. 4 points.

Cold War “soft power” ideological campaigns for the “hearts and minds of men” abutted “hot war” confrontations between

1945 and 1991 and beyond. This seminar examines the history of government and private sector mechanisms used to export national ideals and ideas about America in order to enact foreign policy agendas in contested regions. The class will open with an examination of power - hard and soft - propaganda, "truth," and "informational" practices - and then continue to explore cultural diplomacy. Primary sources including radio broadcasts, music, agriculture, and architecture are examined in the context of secondary readings about the Cold War. Because New York City became postwar "cultural capital of the world," student trips include the Rockefeller Archives Center, the Museum of Radio and Television, Columbia University's Avery Architectural and Fine Arts archives, and the Oral History Research Center, Rare Book and Manuscript Library. This course has three purposes: (i) to examine the role of culture as a reflection and enactment of Cold War politics; (ii) to provide an understanding of cultural forces in building ideas in foreign markets; (iii) to reframe the understanding of "soft" and "hard" power as a strategy of Cold War battles.

Fall 2019: HIST GU4470

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4470	001/10359	Th 2:10pm - 4:00pm 311 Fayerweather	Victoria Phillips	4	12/25

HIST GU4568 The American Landscape to 1877. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Field(s): US

Fall 2019: HIST GU4568

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4568	001/36475	W 10:10am - 12:00pm 317 Hamilton Hall	Elizabeth Blackmar	4	9/12

HIST GU4588 Substance Abuse Politics in African-American History. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The course's temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semester's principal focus will be on the origins and evolution of the set of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/Harm Reduction International offers a basic, though not entirely comprehensive,

definition of harm reduction in its statement, "What is Harm Reduction?" (<http://www.ihra.net/what-is-harm-reduction>): "Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs." [1] Harm reduction in many U.S. communities of color, however, has come to connote a much wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOzk1NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu.

Fall 2019: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/36506	W 10:10am - 12:00pm 302 Fayerweather	Samuel Roberts	4	15/22

HIST GU4924 Spatial History and Historical GIS. 4 points.

This course introduces students to the emerging methodologies that combine geographic information systems (GIS) with historical thinking. Students will study and evaluate the benefits and limitations of key works in historical GIS, become familiar with basic principles of cartographic design, and learn technical skills to create their own HGIS project.

Fall 2019: HIST GU4924

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4924	001/10352	F 10:10am - 12:00pm 102 Milstein Center	S. Wright Kennedy	4	6/12
HIST 4924	002/18715	F 8:00am - 9:50am Room TBA	S. Wright Kennedy	4	4/12

SPRING 2020 HISTORY COURSES

HIST UN1004 Ancient History of Egypt. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A survey of the history of ancient Egypt from the first appearance of the state to the conquest of the country by Alexander of Macedon, with emphasis of the political history, but also with attention to the cultural, social, and economic developments.

Spring 2020: HIST UN1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 1004 001/12033 T Th 4:10pm - Marc Van 4 315/320
5:25pm De Mieroop
Room TBA

HIST UN1020 The Romans and Their World. 4 points.

This course examines the history of the Roman Empire from the formation of the Roman monarchy in 753 BCE to the collapse of the Western Empire in 476 CE. At the heart of the class is a single question: how did the Roman Empire come to be, and why did it last for so long? We will trace the rise and fall of the Republic, the extension of its power beyond Italy, and the spread of Christianity. Epic poetry, annalistic accounts, coins, papyri, inscriptions, and sculpture will illuminate major figures like Cleopatra, and features of daily life like Roman law and religion. The destructive mechanics by which Rome sustained itself--war, slavery, and environmental degradation--will receive attention, too, with the aim of producing a holistic understanding this empire. Discussion Section Required.

Spring 2020: HIST UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1020	002/20152	T Th 2:40pm - 3:55pm Room TBA	Sailakshmi Ramgopal	4	22/75

HIST UN2051 Europe in the Age of Total War - 1900-1950. 4 points.

This course explores the experience of men and women in Europe during the two world wars using written sources, films, memoirs, and popular cultural artifacts. This course covers the major transformations in European politics, technology, culture, philosophy, economy, art, and music in the first half of the century. Topics include the rush to arms in 1914; treatment of shell shock; the war poets; life on the home front; women's roles; pacifism between the wars; Nazi "blitzkrieg" and total war; terror in everyday life; civilian reactions to aerial bombing and psychology in war; the Holocaust, and postwar reconstruction and the treatment of refugees.

Spring 2020: HIST UN2051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2051	001/12036	T Th 2:40pm - 3:55pm Room TBA	Michal Shapira	4	41/75

HIST UN2222 Nature and Power: Environmental History of North America. 4 points.

Environmental history seeks to expand the customary framework of historical inquiry, challenging students to construct narratives of the past that incorporate not only human beings but also the natural world with which human life is intimately intertwined. As a result, environmental history places at center stage a wide range of previously overlooked historical actors such as plants, animals, and diseases. Moreover, by locating nature within human history, environmental history encourages its practitioners to rethink some of the fundamental categories through which our understanding

of the natural world is expressed: wilderness and civilization, wild and tame, natural and artificial.

For those interested in the study of ethnicity, environmental history casts into particularly sharp relief the ways in which the natural world can serve both to undermine and to reinforce the divisions within human societies. Although all human beings share profound biological similarities, they have nonetheless enjoyed unequal access to natural resources and to healthy environments--differences that have all-too-frequently been justified by depicting such conditions as "natural."

Spring 2020: HIST UN2222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2222	001/12049	T Th 1:10pm - 2:25pm Room TBA	Karl Jacoby	4	44/75

HIST UN2235 The First American Gilded Age, 1870-1919. 4 points.

Pundits and scholars have in recent years dubbed our current era of heightened inequality "the second American Gilded Age."

This course examines the first Gilded Age, named by Mark Twain and Charles Warner Dudley in 1873, with a focus on issues that continue to resonate today: the structures of social inequality, technological innovation and the changing conditions of work, immigration, the power of corporations and banks, the origins of the Jim Crow regime, American policies toward Indian Country, international interventions, ecological degradation, the structure of government (from separation of powers to states' rights and municipal initiatives), political corruption, and grassroots political mobilizations. By comparing and contrasting both institutional change and the experiences of ordinary people in the two eras, the course aims to sharpen our analysis of how debates over political economy and Constitutional rights at the turn of the twentieth century structured possibilities of democracy in the decades that followed. Readings include novels, memoirs, diaries, and legislative hearings as well as historical scholarship.

Spring 2020: HIST UN2235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2235	001/12043	T Th 2:40pm - 3:55pm Room TBA	Elizabeth Blackmar	4	64/75

HIST UN2298 The Soviet Century: Russia and Eurasia 1917-present. 4 points.

The Soviet Union in many ways defined the previous century. An experiment in social engineering that took place in the largest country in the world (1/6th of the globe) from 1917-1991, the world's first socialist state inspired and terrified people around the world. We will explore how the Bolsheviks tried to turn Marxist ideology into social policy, providing education and social mobility on an unprecedented scale while also building one of the most repressive states in world history. This lecture course follows attempts to create a new type of state, a new type of person and how both of these projects evolved over time. We will also see how this system defeated fascism in the largest war in world history,

only to crumble after a period of relative stability. We will watch a number of films, as well as read novels, memoirs and major government publications. In the course of the semester you will take two exams and write one research paper on a topic of your choice. In addition to lectures, there will be a recitation section to discuss these texts and films.

Spring 2020: HIST UN2298

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2298	001/20154	M W 4:10pm - 5:25pm Room TBA	Brandon Schechter	4	10/75

HIST UN2323 Nineteenth-Century Britain. 3 points.

This course covers all aspects of British history – political, imperial, economic, social and cultural – during the century of Britain's greatest global power. Particular attention will be paid to the emergence of liberalism as a political and economic system and as a means of governing personal and social life. Students will read materials from the time, as well as scholarly articles, and will learn to work with some of the rich primary materials available on this period.

Spring 2020: HIST UN2323

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2323	001/16008	M W 4:10pm - 5:25pm Room TBA	Susan Pedersen	3	76/90

HIST UN2336 Everyday Communism. 4 points.

Prerequisites: Coreq discussion section HIST UN2237

This lecture course comparatively and transnationally investigates the twentieth-century communism as a modern civilization with global outreach. It looks at the world spread of communism as an ideology, everyday experience, and form of statehood in the Soviet Union, Europe, Asia (Mao's China), and post-colonial Africa. With the exception of North America and Australia, communist regimes were established on all continents of the world. The course will study this historical process from the October Revolution (1917) to the Chernobyl nuclear disaster (1986), which marked the demise of communist state. The stress is not just on state-building processes or Cold War politics, but primarily on social, gender, cultural and economic policies that shaped lived experiences of communism. We will closely investigate what was particular about communism as civilization: sexuality, materiality, faith, selfhood, cultural identity, collective, or class and property politics. We will explore the ways in which "ordinary people" experienced communism through violence (anti-imperial and anti-fascist warfare; forced industrialization) and as subjects of social policies (gender equality, family programs, employment, urban planning). By close investigation of visual, material and political representations of life under communism, the course demonstrates the variety of human experience outside the "West" and capitalist modernity in an era of anti-imperial politics, Cold War, and decolonization, as well as current environmental crisis.

Spring 2020: HIST UN2336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2336	001/16888	M W 11:40am - 12:55pm Room TBA	Malgorzata Mazurek	4	75/75

HIST UN2540 History of the South. 4 points.

A survey of the history of the American South from the colonial era to the present day, with two purposes: first, to afford students an understanding of the special historical characteristics of the South and of southerners; and second, to explore what the experience of the South may teach about America as a nation.

Spring 2020: HIST UN2540

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2540	001/12055	T Th 11:40am - 12:55pm Room TBA	Barbara Fields	4	52/75

HIST UN2661 LATIN AMERICAN CIVILIZATION II. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores major themes in Latin American history from the independence period (ca 1810) to the present. We will hone in on Latin America's "chronic" problems of social inequality, political polarization, authoritarianism, incomplete democratization, and acrimonious memory politics. The course covers economic, social, and cultural histories, and gives special weight to the transnational aspects of Latin American ideological struggles – from its dependency on Western capital to its unique "inner Cold War" – and the way they influenced the subaltern strata of society. The section discussions are a crucial component of the course and will focus on assigned *historiography*. While the lecture centers on constructing a cogent meta-narrative for Latin America's modern era, in the section we will explore not only the historical "facts," but will instead ask: how do historians know what they know about the past? What sources and analytic methods do they use to write history? And what ethical dilemmas do they confront when narrating politically-sensitive topics?

Spring 2020: HIST UN2661

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2661	001/20155	T Th 4:10pm - 5:25pm Room TBA	Daniel Kressel	3	14/75

HIST UN2881 Vietnam in the World. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines the history of Vietnam in the World and serves as a follow-up to ASCE UN1367: Introduction to East Asian Civilizations, Vietnam (though it is not a prerequisite). This course will explore Vietnam's multifaceted relations with the wider world from the late 19th Century to present day as war – ranging from civil, imperial, global, decolonization, and

superpower interventions – forged the modern imperial polity to the current nation-state.

Spring 2020: HIST UN2881

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2881	001/20157	T Th 10:10am - 11:25am Room TBA		4	5/60

HIST UN2897 Topics in Modern Ukrainian History. 4 points.

Ukraine has had a tumultuous twenty-first century—an ongoing war, two revolutions, economic crises, and political intrigue. The origins of these events are rooted in the country's recent past. This lecture course focuses on Ukrainian history from the early nineteenth century to the present day. Questions to be examined include: What factors influenced the construction and transformation of Ukrainian national identity(ies)? How did an independent Ukrainian state emerge and why are its borders contested today? How does historical memory influence Ukraine's contemporary political and social life? What role does Ukraine play in the broader histories of Central and Eastern Europe?

Spring 2020: HIST UN2897

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2897	001/25192	T Th 4:10pm - 5:25pm Room TBA		4	0/75

HIST UN2953 War and Society since 1945. 4 points.

This course surveys the second half of the most violent century in human history. It examines the intersection of war and human society in the years after 1945 by focusing on two monumental and intertwined historical processes: Decolonization and the Cold War. While the conflict between the United States and the Soviet Union would fail to produce any general wars between two belligerents, this superpower rivalry would help to make the global process of decolonization in the developing a particularly violent affair.

Spring 2020: HIST UN2953

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2953	001/12060	M W 11:40am - 12:55pm Room TBA	Paul Chamberlin	4	75/75

HIST UN2987 Technology and US Politics. 4 points.

The course investigates the relation between politics and technology in the United States during the twentieth century. Following the telegraph, radio, the mainframe computer, the internet, and online platforms, the course asks how have Americans conceptualized the relation between technological developments and democratic ideals starting in the late nineteenth century? Are new technologies forms of control or of liberation? Do they enhance or curtail free speech? Has the public sphere been strengthened or weakened by new communication technologies? What has been the rule of government regulation in the adoption of these technologies? Students will be introduced to

basic ideas and methodologies in the history of technology, while focusing on the relation between politics of technology.

Spring 2020: HIST UN2987

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2987	001/25194	T Th 10:10am - 11:25am Room TBA		4	3/75

HIST UN3012 Uganda in the mission archive: African voices and colonial documents. 4 points.

This course introduces students to researching and writing African colonial history with a specific focus on Uganda. Students will be guided through the missionary sources available at Columbia and we will discuss how African voices can and cannot be found in these archives. At the end of the semester students will have produced an original primary source paper on Ugandan history.

Spring 2020: HIST UN3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3012	001/16853	M 12:10pm - 2:00pm Room TBA	Rhiannon Stephens	4	3/15

HIST UN3027 The History of Philanthropy in the United States from the Gilded Age to Present. 4 points.

This seminar introduces students to readings in the history of philanthropy in the United States from 1890s to the early 21st century. The course examines the role of philanthropy in the development of American society and politics while entering debates about philanthropy's relationship to democracy and inequality. A familiarity with 20th century United States history is recommended.

Spring 2020: HIST UN3027

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3027	001/16006	Th 4:10pm - 6:00pm Room TBA	Micah McElroy	4	15/15

HIST UN3030 Immigration and Citizenship in American History. 4 points.

This course explores the meaning of American citizenship in connection with the country's immigration history. Topics include historic pathways to citizenship for migrants; barriers to citizenship including wealth, race, gender, beliefs and documentation; and critical issues such as colonialism, statelessness, dual nationality, and birthright citizenship. We will ask how have people become citizens and under what authority has that citizenship been granted? What are the historic barriers to citizenship and how have they shifted over time? What major questions remain unanswered by Congress and the Supreme Court regarding the rights of migrants to attain and retain American citizenship?

Spring 2020: HIST UN3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 3030 001/12106 M 12:10pm - Jessica Lee 4 9/15
2:00pm
Room TBA

HIST UN3061 ISLAM AND EUROPE IN THE MIDDLE AGES. 4 points.

This course explores the encounter between Europe, broadly conceived, and the Islamic world in the period from the seventh to the thirteenth centuries. While the Latin Christian military expeditions that began in the late eleventh century known as the Crusades are part of this story, they are not the focus. The course stresses instead the range of diplomatic, commercial, intellectual, artistic, religious, and military interactions established well before the Crusades across a wide geographical expanse, with focal points in Iberia and Southern Italy. Substantial readings in primary sources in translation are supplemented with recent scholarship. [Students will be assigned on average 150-200 pages of reading per week, depending on the difficulty of the primary sources; we will read primary sources every week.]

Spring 2020: HIST UN3061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3061	001/12082	M 10:10am - 12:00pm Room TBA	Adam Kosto	4	8/15

HIST UN3171 Who Counts?: U.S. Census and Politics. 4 points.

The 2020 census is upon us and controversy abounds! On the face of it nothing seems simpler (or, perhaps, duller) than counting the number of inhabitants in the United States. However, if the history of the US census tells us anything, it is that the project is both technically complex and politically salient. This seminar interrogates the history of the US census through a series of controversies that erupted around the census in the twentieth century. We will ask: What can the census tell us about the meaning of democracy in the United States? How has the uses of the census been transformed over time? How has the information asked on the census increased and how does it reflect changing political agendas? How have the categories on the census changed over time? How have activists mobilized around the census to gain political representation?

Spring 2020: HIST UN3171

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3171	001/16881	Th 2:10pm - 4:00pm Room TBA		4	15/15

HIST UN3225 ASIATIC RUS:EMPIRE & STATE. 4 points.

The aim of this course is to provide students with a fresh perspective on the concept of Eurasia originating in imperial Russian intellectual history. The course sets out to highlight the impact of nomadic political cultures on shaping the operation of Russian imperial policies and practices and their legacies, a perspective that is typically not represented in Eurasian and Russian history courses as a major idea of analysis. The course's focus therefore will be on the spread of Russian rule over Eurasia's steppe regions and Turkestan. Among other things, the course

explores how the interplay of the nomadic concepts of sovereignty and territoriality enabled the rise of the Russian empire. Beyond ethnic and cultural history special attention will be devoted to economic and military history, as well as political institutions and diplomacy. We will also look at the ways in which the concept of Eurasia continued to inspire Soviet and post-Soviet politicians and other related groups to construct and reconstruct boundaries between East and West.

Spring 2020: HIST UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3225	001/16856	W 12:10pm - 2:00pm Room TBA	Gulnar Kendirbai	4	9/15

HIST UN3268 The Critique of Curiosity. 4 points.

"All persons desire to know," Aristotle declared in his *Metaphysics*.

But given that not all desires are good ones, the question naturally arises whether curiosity is. In the era of modern science and education, we tend to take this for granted. But for centuries – also well before Aristotle – people have concluded just the opposite. Their reasons have been various: religious, psychological, philosophical, pragmatic. In this junior seminar we will examine select thinkers in the stream of Western thought that has questioned the value of curiosity and, more fundamentally, of knowledge itself.

Spring 2020: HIST UN3268

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3268	001/16002	M 4:10pm - 6:00pm Room TBA	Mark Lilla	4	0/15

HIST UN3277 History of Urban Crime and Policing in Latin America in Global Perspective. 4 points.

This seminar will examine the social construction of criminality and the institutions that developed to impose and enforce the criminal law as reflections of Latin American society throughout the region's history, with a particular emphasis on the rise of police forces as the principal means of day-to-day urban governance. Topics include policing and urban slavery; policing the urban "underworld"; the changing cultural importance of police in urban popular culture; the growth of scientific policing methods, along with modern criminology and eugenics; policing and the enforcement of gender norms in urban public spaces; the role of urban policing in the rise of military governments in the twentieth century; organized crime; transitional justice and the contemporary question of the rule of law; and the transnational movement of ideas about and innovations in policing practice. In our readings and class discussions over the course of the semester, we will trace how professionalized, modern police forces took shape in cities across the region over time. This course actually begins, however, in the colonial period before there was anything that we would recognize as a modern, uniformed, state-run police force. We will thus have a broad perspective from which to analyze critically the role of police in the development of Latin American urban societies—in other words, to see the police in the

contemporary era as contingent on complex historical processes, which we will seek to understand.

Spring 2020: HIST UN3277

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3277	001/12257	T 4:10pm - 6:00pm Room TBA	Amy Chazkel	4	16/15

HIST UN3429 Telling About the South. 4 points.

A remarkable array of Southern historians, novelists, and essayists have done what Shreve McCannon urges Quentin Compson to do in William Faulkner's *Absalom, Absalom!*--tell about the South--producing recognized masterpieces of American literature. Taking as examples certain writers of the 19th and 20th centuries, this course explores the issues they confronted, the relationship between time during which and about they wrote, and the art of the written word as exemplified in their work. *Group(s): D Field(s): US* Limited enrollment. Priority given to senior history majors. After obtaining permission from the professor, please add yourself to the course wait list so the department can register you in the course.

Spring 2020: HIST UN3429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3429	001/12119	Th 4:10pm - 6:00pm Room TBA	Barbara Fields	4	0/15

HIST UN3437 Poisoned Worlds: Corporate Behavior and Public Health. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

In the decades since the publication of *Silent Spring* and the rise of the environmental movement, public awareness of the impact of industrial products on human health has grown enormously. There is growing concern over BPA, lead, PCBs, asbestos, and synthetic materials that make up the world around us. This course will focus on environmental history, industrial and labor history as well as on how twentieth century consumer culture shapes popular and professional understanding of disease. Throughout the term the class will trace the historical transformation of the origins of disease through primary sources such as documents gathered in lawsuits, and medical and public health literature. Students will be asked to evaluate historical debates about the causes of modern epidemics of cancer, heart disease, lead poisoning, asbestos-related illnesses and other chronic conditions. They will also consider where responsibility for these new concerns lies, particularly as they have emerged in law suits. Together, we will explore the rise of modern environmental movement in the last 75 years.

Spring 2020: HIST UN3437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/13602	W 8:10am - 10:00am Room TBA	David Rosner	4	16/15

HIST UN3604 Jews and the City. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Over the course of the nineteenth century, millions of Jews uprooted themselves from their places of birth and moved to cities scattered throughout the world. This mass urbanization not only created new demographic centers of world Jewry, but also fundamentally transformed Jewish political and cultural life.

In this course, we shall analyze primary source material, literary accounts as well as secondary sources as we examine the Jewish encounter with the city, and see how Jewish culture was shaped by and helped to shape urban culture. We shall compare Jewish life in six cities spanning from Eastern Europe to the United States and consider how Jews' concerns molded the urban economy, urban politics, and cosmopolitan culture. We shall also consider the ways in which urbanization changed everyday Jewish life. What impact did it have on Jewish economic and religious life? What role did gender and class play in molding the experiences of Jews in different cities scattered throughout the world?

Spring 2020: HIST UN3604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3604	001/12128	Th 2:10pm - 4:00pm Room TBA	Rebecca Kobrin	4	15/15

HIST UN3645 Spinoza to Sabbatai: Jews in Early Modern Europe. 4 points.

A seminar on the historical, political, and cultural developments in the Jewish communities of early-modern Western Europe (1492-1789) with particular emphasis on the transition from medieval to modern patterns. We will study the resettlement of Jews in Western Europe, Jews in the Reformation-era German lands, Italian Jews during the late Renaissance, the rise of Kabbalah, and the beginnings of the quest for civil Emancipation. *Field(s): JWS/EME*

Spring 2020: HIST UN3645

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3645	001/12148	M 10:10am - 12:00pm Room TBA	Elisheva Carlebach	4	12/12

HIST UN3779 Africa and France. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: reading knowledge of French is highly encouraged. This course endeavors to understand the development of the peculiar and historically conflictual relationship that exists between France, the nation-states that are its former African colonies, and other contemporary African states. It covers the period from the 19th century colonial expansion through the current 'memory wars' in French politics and debates over migration and colonial history in Africa. Historical episodes include French participation in and eventual withdrawal from the Atlantic Slave Trade, emancipation in the French possessions, colonial conquest, African participation in the world wars, the wars of decolonization, and French-African relations in the contexts of immigration and the construction of the European Union. Readings will be drawn extensively from primary accounts

by African and French intellectuals, dissidents, and colonial administrators. However, the course offers *neither* a collective biography of the compelling intellectuals who have emerged from this relationship *nor* a survey of French-African literary or cultural production *nor* a course in international relations. Indeed, the course avoids the common emphasis in francophone studies on literary production and the experiences of elites and the common focus of international relations on states and bureaucrats. The focus throughout the course is on the historical development of fields of political possibility and the emphasis is on sub-Saharan Africa. *Group(s): B, C Field(s): AFR, MEU*

Spring 2020: HIST UN3779

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3779	001/16859	Th 2:10pm - 4:00pm Room TBA	Gregory Mann	4	13/15

HIST UN3838 Senior Thesis Seminar. 4 points.

A year-long course for outstanding senior majors who want to conduct research in primary sources on a topic of their choice in any aspect of history, and to write a senior thesis possibly leading toward departmental honors.

Fall 2019: HIST UN3838

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/36498	W 4:10pm - 6:00pm 301m Fayerweather	Elisheva Carlebach	4	12/13
HIST 3838	002/36499	T 2:10pm - 4:00pm 402 Hamilton Hall	George Chauncey	4	7/13
HIST 3838	003/36500	T 2:10pm - 4:00pm 411 Fayerweather	Natasha Lightfoot	4	8/13
HIST 3838	004/36501	W 4:10pm - 6:00pm 501b International Affairs Bldg	Hilary-Anne Hallett	4	11/13

Spring 2020: HIST UN3838

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/12152	W 4:10pm - 6:00pm Room TBA	Elisheva Carlebach	4	8/15
HIST 3838	002/12153	T 2:10pm - 4:00pm Room TBA	George Chauncey	4	6/15
HIST 3838	003/12154	T 2:10pm - 4:00pm Room TBA	Natasha Lightfoot	4	9/15
HIST 3838	004/12156	W 4:10pm - 6:00pm Room TBA	Hilary-Anne Hallett	4	8/15

HIST UN3931 The Golden Age of Athens. 4 points.

The 5th century BCE, beginning with the Persian Wars, when the Athenians fought off the might of the Persian Empire, and ending with the conclusion of the Peloponnesian War in 404, is generally considered the "Golden Age" of ancient Athens. This is the century when Athenian drama, both tragedy and comedy, thrived; when the Greeks began to develop philosophy at Athens, centered around the so-called "Sophistic movement" and Sokrates; when classical Greek art and architecture approached perfection in the monuments and sculptures of the great Athenian building programs on and around the Akropolis. This seminar will cover the political, military, economic, social, and cultural history of Athens' "Golden Age". Much of the course reading will be drawn

from the ancient Athenian writing themselves, in translation. Everyone will be required to read enough to participate in weekly discussions; and all students will prepare two oral reports on topics to be determined. The course grade will be based on a ca. 20-25 page research paper to be written on an agreed upon topic. *Group(s): A Field(s): *ANC*

Spring 2020: HIST UN3931

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3931	001/12167	W 10:10am - 12:00pm Room TBA	Richard Billows	4	19/18

HIST UN3942 Constitutions and Democracy in the Middle East. 4 points.

Prerequisites: application requirements: SEE UNDERGRAD SEMINAR SECTION OF DEPARTMENT'S WEBSITE. Where the establishment of sustainable democracies is concerned, the Middle East has perhaps the poorest record of all regions of the world since World War II. This is in spite of the fact that two of the first constitutions in the non-Western world were established in this region, in the Ottoman Empire in 1876 and in Iran in 1906. Notwithstanding these and other subsequent democratic and constitutional experiments, Middle Eastern countries have been ruled over the past century by some of the world's last absolute monarchies, as well as a variety of other autocratic, military-dominated and dictatorial regimes. This course, intended primarily for advanced undergraduates, explores this paradox. It will examine the evolution of constitutional thought and practice, and how it was embodied in parliamentary and other democratic systems in the Middle East. It will examine not only the two Ottoman constitutional periods of 1876-78 and 1908-18, and that of Iran from 1905 onwards, but also the various precursors to these experiments, and some of their 20th century sequels in the Arab countries, Turkey and Iran. This will involve detailed study of the actual course of several Middle Eastern countries' democratic experiments, of the obstacles they faced, and of their outcomes. Students are expected to take away a sense of the complexities of the problems faced by would-be Middle Eastern democrats and constitutionalists, and of some of the reasons why the Middle East has appeared to be an exception to a global trend towards democratization in the post-Cold War era.

Spring 2020: HIST UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3942	001/12168	T 10:10am - 12:00pm Room TBA	Rashid Khalidi	4	21/20

HIST GU4218 The Black Sea in History. 4 points.

We are used to thinking of history in national terms, or at least in reference to major civilizations ("Western civilization," "Near Eastern civilization," etc.). In "real life," however, interactions among people, linguistic communities, and cultures frequently cut across political divisions. Water – rivers, streams, seas – is often an invitation to settlement, commerce, and conquest. This course

offers a look (inspired in part by Fernand Braudel's *Mediterranean*) at a body of water – the Black Sea – and the lands around it, in sweeping historical perspective. Focus is on those moments when the various civilizations and empires that originated and flourished around the Black Sea met and intersected in friendship or in enmity. We will look at ancient civilizations, Greek colonization, Byzantine-Slav interactions, the period of Ottoman dominance, Russian-Turkish rivalry, and decolonization and wars in the 19th and 20th centuries. We hope that we will be able to pay particular attention to questions of ecology, language, religion, and cultural interaction throughout.

Spring 2020: HIST GU4218

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4218	001/13607	W 4:10pm - 6:00pm Room TBA	Catherine Evtuhov	4	13/15

HIST GU4223 Personality and Society in 19th-Century Russia. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

A seminar reviewing some of the major works of Russian thought, literature, and memoir literature that trace the emergence of intelligentsia ideologies in 19th- and 20th-century Russia.

Focuses on discussion of specific texts and traces the adoption and influence of certain western doctrines in Russia, such as idealism, positivism, utopian socialism, Marxism, and various 20th-century currents of thought. *Field(s): MEU*

Spring 2020: HIST GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4223	002/34831	M 2:10pm - 4:00pm Room TBA	Richard Wortman	4	0/15

HIST GU4236 Monuments and Memories in 20th Century Europe. 4 points.

In this course we will revisit the history of Europe in the 20th Century as it was remembered. We will also uncover some stories that have been mostly forgotten. We will explore the consequences of remembering and forgetting as they played themselves out in the European continent over the past few generations focusing particular attention on events and approaches in Eastern Europe and the former Soviet Union. Units will cover World War I, the Spanish Civil War, Stalinism, the Nazi occupation, World War II, the Holocaust, and the rise and fall of European state socialism. We will look at efforts in the cultural, legal, and political realms to answer the question: why do societies work to remember the past, and what reasons may many have to forget? Throughout the semester students will develop the skills necessary to research and write a proposal for memorial creation (or removal) and each will author a proposal in consultation with the class and with professionals who have done similar work locally.

Spring 2020: HIST GU4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4236	001/20158	Th 4:10pm - 6:00pm Room TBA	Rhiannon Dowling	4	15/15
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HIST GU4278 Men in Crisis: Europe, 1890-1945. 4 points.

Through readings of gender theory, historical monographs, novels, and visual media, this seminar unfolds a new historical problematic, namely, the “crisis” models of manhood emerging from late European imperialism. Against the background of the crisis of imperial Europe, the war-mongering, militarism, and total and civil wars, the seminar contextualizes the complex gender ideals behind the Nietzschean “Superman,” fallen Warrior of World War I, the Fascist New Man, Fordist Worker, Soviet New Man, Judeo-Bolshevik, the Anti-Fascist Partisan.

Spring 2020: HIST GU4278

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4278	001/20149	W 4:10pm - 6:00pm Room TBA	Victoria De Grazia	4	9/18

HIST GU4518 Research Seminar: Columbia and Slavery. 4 points.

In this course, students will write original, independent papers of around 25 pages, based on research in both primary and secondary sources, on an aspect of the relationship between Columbia College and its colonial predecessor King's College, with the institution of slavery.

Spring 2020: HIST GU4518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4518	001/12175	W 10:10am - 12:00pm Room TBA	Elizabeth Blackmar, Thai Jones	4	15/15

HIST GU4522 Jews, Magic, and Science in Premodern Europe. 4 points.

This seminar explores the historical relationship between Jews, magic, and science in premodern Europe. We will consider magical and scientific beliefs as both separate and intersecting endeavors that provide a window into understanding how Jews viewed, made sense of, and tried to manipulate the world around them. Through close reading of secondary and primary sources on the subject, we will discuss the boundaries between conceptions of natural and supernatural, science and magic, reason and faith.

Spring 2020: HIST GU4522

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4522	001/20159	W 10:10am - 12:00pm Room TBA		4	8/15

HIST GU4532 The American Civil War. 4 points.

Spring 2020: HIST GU4532

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4532	001/12243	W 2:10pm - 4:00pm Room TBA	Stephanie McCurry	4	0/15

HIST GU4699 Medieval Franciscans and their World. 4 points.

This course will offer an examination of the birth and development of the Franciscan Order between 1200-1350. The topics will include Francis of Assisi, the foundation of the three orders of Franciscans, education, poverty, preaching, theology internal strife, antifraternalism, and relations with secular governments and papacy.

Spring 2020: HIST GU4699

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4699	001/20160	M 12:10pm - 2:00pm Room TBA	Neslihan Senocak	4	6/15

HIST GU4773 American Women's History; Society, Politics, & the State, 1968-2008. 4 points.

This course explores the history of women in the United States post 1968. This chronological beginning locates the history of women at the moment of the so-called birth of second wave feminism. But this beginning it seeks to provide of an overview of the broad contours of change effecting women at work, in the family, and as a subject of interest by the American state. Three themes will be of particular interest in this admittedly idiosyncratic survey. The first involves interrogating the era's competing definition of what women's liberation meant and how the idea was used for a variety of political purposes in the ongoing culture wars of the period. The second theme involves exploring instances in which women came together—as during the civil rights movement or the anti-ERA drive—in grassroots political organizing to influence society and the state. And finally, the course examines how core issues defining women's experiences over this half century—issues involving the role and value in the family, workplace justice, and reproductive rights—became fault lines that repeatedly split American society.

Spring 2020: HIST GU4773

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4773	001/25088	T 4:10pm - 6:00pm Room TBA	Hilary-Anne Hallett	4	10/15

HIST GU4811 Encounters with Nature: The History of Environment and Health in South Asia and Beyond. 4 points. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers an understanding of the interdisciplinary field of environmental, health and population history and will discuss historical and policy debates with a cross cutting, comparative relevance: such as the making and subjugation of colonized peoples and natural and disease landscapes under British colonial rule; modernizing states and their interest in development and knowledge and technology building, the movement and migration of populations, and changing place of public health and healing in south Asia. The key aim of the course will be to introduce students to reading and analyzing a range of historical scholarship, and interdisciplinary research on environment, health, medicine and populations in South Asia and to introduce them to an

exploration of primary sources for research; and also to probe the challenges posed by archives and sources in these fields. Some of the overarching questions that shape this course are as follows: How have environmental pasts and medical histories been interpreted, debated and what is their contemporary resonance? What have been the encounters (political, intellectual, legal, social and cultural) between the environment, its changing landscapes and state? How have citizens, indigenous communities, and vernacular healers mediated and shaped these encounters and inserted their claims for sustainability, subsistence or survival? How have these changing landscapes shaped norms about bodies, care and beliefs? The course focuses on South Asia but also urges students to think and make linkages beyond regional geographies in examining interconnected ideas and practices in histories of the environment, medicine and health. Topics will therefore include (and students are invited to add to these perspectives and suggest additional discussion themes): colonial and globalized circuits of medical knowledge, with comparative case studies from Africa and East Asia; and the travel and translation of environmental ideas and of medical practices through growing global networks.

Spring 2020: HIST GU4811

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4811	001/12183	W 2:10pm - 4:00pm Room TBA	Kavita Sivaramakrishnan	4	15/15

HIST GU4935 Science and Art in Early Modern Europe. 4 points.

This course will investigate the relations between science and art in early modern Europe, bringing together scholarly works by historians of science and art historians as well as original sources from the period. We tend to think today of science and art as polarized cultural domains, but in the early modern period the very definitions of the terms, as well as a range of other factors, created conditions for a much different configuration between the two. Organized chronologically, this course will focus on a range of representative moments in that developing configuration, from ca. 1500 to 1800. Topics include the nature of the spaces where artworks and natural specimens met, the circulation of tools, materials and techniques between the laboratory and the artist workshop, common norms and practices of representation, and shared aspirations to objective knowledge. The course is designed as a discussion seminar and is open to undergraduate and graduate students. No prior knowledge of the subject is required, but intense engagement with the material is expected.

Spring 2020: HIST GU4935

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4935	001/25089	F 10:10am - 12:00pm Room TBA	Ardeta Gjokola	4	8/15

HIST GU4984 Hacking the Archive. 4 points.

This is a hands-on, project-driven, Laboratory Seminar that explores the frontiers of historical analysis in the information age. It harnesses the exponential growth in information resulting

from the digitization of older materials and the explosion of "born digital" electronic records.....

Spring 2020: HIST GU4984

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4984	001/15773	W 10:10am - 12:00pm Room TBA	Matthew Connelly	4	15/15

2019-2020 CROSS-LISTED COURSES

PLEASE READ: The passage below lists **all** sections being offered by a Columbia instructor for a given course, including sections which **do not** count for History students. **NOT ALL** sections of the courses listed below count for History majors and concentrators. Particular sections **only** count towards the History degree if the section instructor is a History faculty member or an affiliate with the History Department (<http://history.columbia.edu/faculty/>). For additional information, please review the "Requirements" tab or consult Sia Mensah at sjm2206@columbia.edu. All courses from the Barnard History Department also count towards the History degree.

AFCV UN1020 African Civilizations. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course provides a general introduction to some of the key intellectual debates in Africa by Africans through primary sources, including scholarly works, political tracts, fiction, art, and film. Beginning with an exploration of African notions of spiritual and philosophical uniqueness and ending with contemporary debates on the meaning and historical viability of an African Renaissance, this course explores the meanings of 'Africa' and 'being African.' Field(s): AFR*. NO FIRST YEAR STUDENTS PERMITTED.

Fall 2019: AFCV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFCV 1020	001/13534	T Th 10:10am - 12:00pm 206 Broadway Residence Hall	Elleni Zeleke	4	5/22

Spring 2020: AFCV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFCV 1020	001/11354	T Th 10:10am - 12:00pm Room TBA	Elleni Zeleke	4	22/22

LACV UN1020 Primary Texts of Latin American Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

It focuses on key texts from Latin America in their historical and intellectual context and seeks to understand their structure and the practical purposes they served using close reading and, when possible, translations. The course seeks to establish a counterpoint to the list of canonical texts of Contemporary Civilization. The selections are not intended to be compared directly to those in CC but to raise questions about the different contexts in which ideas are used, the critical exchanges and influences (within and beyond

Latin America) that shaped ideas in the region, and the long-term intellectual, political, and cultural pursuits that have defined Latin American history. The active engagement of students toward these texts is the most important aspect of class work and assignments. NO FIRST YEAR STUDENTS PERMITTED.

Fall 2019: LACV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LACV 1020	001/13533	T Th 2:10pm - 4:00pm A36 Union Theological Seminary	Yung Hua Ng Tam	4	8/22
LACV 1020	002/14928	M W 4:10pm - 6:00pm 111 Carman Hall	Fernando Montero	4	7/22

Spring 2020: LACV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LACV 1020	001/11080	T Th 10:10am - 12:00pm Room TBA	Alejandro Quintero Machler	4	22/22

ASCE UN1361 Introduction to East Asian Civilizations: Japan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371

A survey of important events and individuals, prominent literary and artistic works, and recurring themes in the history of Japan, from prehistory to the 20th century.

Fall 2019: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/44438	M W 4:10pm - 5:25pm 310 Fayerweather	David Lurie	4	74/90

Spring 2020: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/12350	M W 2:40pm - 3:55pm Room TBA	Gregory Pflugfelder	4	90/90

CSER UN1010 Introduction to Comparative Ethnic Studies. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Students MUST register for a Discussion Section.

Introduction to the field of comparative ethnic studies.

Spring 2020: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/11371	M W 4:10pm - 5:25pm Room TBA	Mae Ngai	4	120/120

HSME UN2811 South Asia: Empire and Its Aftermath. 4 points.

Prerequisites: None.

(No prerequisite.) We begin with the rise and fall of the Mughal Empire, and examine why and how the East India Company came to rule India in the eighteenth century. As the term progresses, we will investigate the objectives of British colonial rule in India and we will explore the nature of colonial modernity. The course then turns to a discussion of anti-colonial sentiment, both in the form of outright revolt, and critiques by early nationalists. This is followed by a discussion of Gandhi, his thought and his leadership of the nationalist movement. Finally, the course explores the partition of British India in 1947, examining the long-term consequences of the process of partition for the states of India, Pakistan and Bangladesh. We will focus in particular on the following themes: non-Western state formation; debates about whether British rule impoverished India; the structure and ideology of anti-colonial thought; identity formation and its connection to political, economic and cultural structures. The class relies extensively on primary texts, and aims to expose students to multiple historiographical perspectives for understanding South Asia's past.

Spring 2020: HSME UN2811

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2811	001/16103	T Th 10:10am - 11:25am Room TBA	Anupama Rao	4	86/110

HSAM UN2901 Data: Past, Present, and Future. 3 points.

Lect: 1.5. Lab: 1.5.

Data-empowered algorithms are reshaping our professional, personal, and political realities, for good--and for bad. "Data: Past, Present, and Future" moves from the birth of statistics in the 18th century to the surveillance capitalism of the present day, covering racist eugenics, World War II cryptography, and creepy personalized advertising along the way. Rather than looking at ethics and history as separate from the science and engineering, the course integrates the teaching of algorithms and data manipulation with the political whirlwinds and ethical controversies from which those techniques emerged. We pair the introduction of technical developments with the shifting political and economic powers that encouraged and benefited from new capabilities. We couple primary and secondary readings on the history and ethics of data with computational work done largely with user-friendly Jupyter notebooks in Python.

Spring 2020: HSAM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSAM 2901	001/12059	T Th 10:10am - 11:25am Room TBA	Chris Wiggins, Matthew Jones	3	70/105

HSME UN2915 Africa Before Colonialism: From Prehistory to the Birth of the Atlantic World. 4 points.

This course is an interdisciplinary exploration of the precolonial history of the African continent. It investigates in-depth the political, social, cultural and economic developments of different Africa communities, covering various regions and periods, from

prehistory to the formation of the Indian Ocean and Atlantic worlds. Its focus is the intersection of politics, economics, culture and society. Using world history and Africa's location in the production of history as key analytical frames, it pays special attention to social, political and cultural changes that shaped the various individual and collective experiences of African peoples and states and the historical discourses associated to them.

Fall 2019: HSME UN2915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2915	001/41063	M W 11:40am - 12:55pm 103 Knox Hall	Mamadou Diouf	4	13/30

HSPB UN2950 Social History of American Public Health. 4 points.

The purpose of this course is to provide students with an historical understanding of the role public health has played in American history. The underlying assumptions are that disease, and the ways we define disease, are simultaneously reflections of social and cultural values, as well as important factors in shaping those values. Also, it is maintained that the environments that we build determine the ways we live and die. The dread infectious and acute diseases in the nineteenth century, the chronic, degenerative conditions of the twentieth and the new, vaguely understood conditions rooted in a changing chemical and human-made environment are emblematic of the societies we created. Among the questions that will be addressed are: How does the health status of Americans reflect and shape our history? How do ideas about health reflect broader attitudes and values in American history and culture? How does the American experience with pain, disability, and disease affect our actions and lives? What are the responsibilities of the state and of the individual in preserving health? How have American institutions--from hospitals to unions to insurance companies--been shaped by changing longevity, experience with disability and death?

Spring 2020: HSPB UN2950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSPB 2950	001/19552	T Th 8:40am - 9:55am Room TBA	James Colgrove	4	78/180

HSCL UN3000 The Persian Empire. 4 points.

This seminar studies the ancient Persian (Achaemenid) Empire which ruled the entire Middle East from the late 6th to the late 4th centuries BCE and was the first multi-ethnic empire in western Asian and Mediterranean history. We will investigate the empire using diverse sources, both textual and material, from the various constituent parts of the empire and study the different ways in which it interacted with its subject populations. This course is a seminar and students will be asked to submit a research paper at the end of the semester. Moreover, in each class meeting one student will present part of the readings.

Grading: participation (25%), class presentation (25%), paper (50%).

Spring 2020: HSCL UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSCL 3000	001/12080	Th 2:10pm - 4:00pm Room TBA	Marc Van De Mieroop, John Ma	4	8/15

HSEA UN3898 The Mongols in History. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of the role of the Mongols in Eurasian history, focusing on the era of the Great Mongol Empire. The roles of Chinggis and Khubilai Khan and the modern fate of the Mongols to be considered.

Spring 2020: HSEA UN3898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/12404	T 10:10am - 12:00pm Room TBA	Morris Rossabi	3	28/25

CSER UN3928 Colonization/Decolonization. 4 points.CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission. This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000. Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents.

Fall 2019: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/57875	W 2:10pm - 4:00pm 420 Hamilton Hall	Karl Jacoby	4	19/22

AMST UN3931 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for section descriptions

Spring 2020: AMST UN3931

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	001/11500	T 2:10pm - 4:00pm 317 Hamilton Hall	Casey Blake	4	0/18
AMST 3931	002/11765	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	0/18
AMST 3931	003/11425	W 2:10pm - 4:00pm 317 Hamilton Hall	Michael Hindus	4	1/18
AMST 3931	004/12255	M 12:10pm - 2:00pm	Mark Lilla	4	0/15

AMST 3931	005/11435	Th 2:10pm - 4:00pm 317 Hamilton Hall	Paul Grimstad	4	20/18
AMST 3931	006/11436	T 12:10pm - 2:00pm 317 Hamilton Hall	Lynne Breslin	4	0/18
AMST 3931	007/11437	Th 10:10pm - 12:00pm 317 Hamilton Hall	Cathleen Price	4	0/15
AMST 3931	008/11438	M 2:10pm - 4:00pm 317 Hamilton Hall	Andrew Delbanco, Roger Lehecka	4	18/18
AMST 3931	009/20174	T 4:10pm - 6:00pm Room TBA	Ross Posnock	4	8/15

HSEA GU4231 Transpacific Empires. 4 points.

This course examines the "transpacific" as a site and a theoretical frame for understanding the role that migration and imperialism have played in the making of the modern world. We will study how different national and imperial formations, their institutions, and their ideologies shaped networks of migration that crossed the Pacific and vice versa. Readings will draw from fields as diverse as North American history, East Asian history, indigenous studies, and ethnic and cultural studies to explore themes including indigeneity, public health and science, borderlands, settler colonialism, diaspora, militarism, and cross-cultural intimacies.

Spring 2020: HSEA GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4231	001/12573	W 4:10pm - 6:00pm Room TBA	James Gerien-Chen	4	14/15

EARL GU4310 Life-Writing in Tibetan Buddhist Literature. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course engages the genre of life writing in Tibetan Buddhist culture, addressing the permeable and fluid nature of this important sphere of Tibetan literature. Through Tibetan biographies, hagiographies, and autobiographies, the class will consider questions about how life-writing overlaps with religious doctrine, philosophy, and history. For comparative purposes, we will read life writing from Western (and Japanese or Chinese) authors, for instance accounts of the lives of Christian saints, raising questions about the cultural relativity of what makes up a life's story.

Spring 2020: EARL GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4310	001/12517	M 12:10pm - 2:00pm Room TBA	Gray Tuttle	4	14/15

CLFR GU4720 History & Literature: Going Micro. 3 points.

This course explores overlaps and interconnections between history and literature. It introduces students to the ways in which literary scholars examine the historical dimension of texts and, conversely, historians grapple with the literary qualities

of their narratives. In spring 2020 the course will focus on the methodological challenges and epistemological effects of working at small scales of analysis: in psychoanalytic case studies; ethnographic fieldwork; microhistorical research; and genre-defying narratives that weave together biography, sociological study, and the author's implication (ethical, political) in the object of study. Course open to graduate students and advanced undergraduate students. All classes and readings in English.

Spring 2020: CLFR GU4720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLFR 4720	001/16197	Th 2:10pm - 4:00pm Room TBA	Thomas Dodman	3	10/25

HSEA GU4725 Tibetan Visual & Material History. 4 points.

Prerequisites: one page applications stating a student's interest and background (if any).

How do Tibetan Buddhists look at religious images? What do pilgrims see when faced with sacred monuments? This seminar will explore the ubiquitous role of images and imagining in the religious traditions of Tibet. Historians of material culture argue that restricting our studies to textual sources limits our ability to understand the past experiences of the majority of people. They have developed methods and theories for "reading" objects to access the past. One of the most important techniques for this approach is the writing of "object biographies," which will play an important role in this course. Readings and viewings will examine the painting, sculpture, architecture, and performing arts of the Tibet, placing them in the context of local religious beliefs, ritual practices, and literary canons. The seminar aims to understand how Tibetan culture produce images and materials and the ways of seeing that invest them with meaning. Classes will address specific modes of visual representation, the relationships between text and image, the social lives of images, as well as processes of reading and interpretation. Later sections will survey broader visual representations of the Himalaya, both as self-reflections and in the imagination of the western gaze.

HSEA GU4847 Modern Japan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Not offered during 2019-20 academic year.

This course explores the history of Japan between 1800 and the present, with a particular focus on the 20th century. The course draws upon a combination of primary source materials (political documents, memoirs, oral histories, journalism, fiction, film) and scholarly writings in order to gain insight into the complex and tumultuous process by which Japan became an industrialized society, a modern nation-state, and a world power.

HSEA GU4880 History of Modern China I. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

China's transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change.

Fall 2019: HSEA GU4880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HSEA 4880 001/44472	T Th 4:10pm - 5:25pm 413 Kent Hall	Madeleine Zelin	3	41/60
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HSEA GU4881 History of Modern China II. 3 points.

The social and cultural history of Chinese religion from the earliest dynasties to the present day, examined through reading of primary Chinese religious documents (in translation) as well as the work of historians and anthropologists. Topics include: Ancestor worship and its changing place in Chinese religion; the rise of clerics and salvationist religion; state power, clerical power, and lay power; Neo-Confucianism as secular religion; and the modern "popular religious" synthesis.

HSEA GU4882 History of Modern China II. 3 points.

China's transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change.

Spring 2020: HSEA GU4882

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4882	001/12405	T Th 10:10am - 11:25am Room TBA	Jian Ming Chang	3	47/35

HSEA GU4888 WOMEN & GENDER IN KOREAN. 4 points.

While the rise of women's history and feminist theory in the 1960s and 1970s fostered more general reevaluations of social and cultural history in the West, such progressions have been far more modest in Korean history. To introduce one of the larger challenges in current Korean historiography, this course explores the experiences, consciousness and representations of women Korea at home and abroad from premodern times to the present. Historical studies of women and gender in Korea will be analyzed in conjunction with theories of Western women's history to encourage new methods of rethinking "patriarchy" within the Korean context. By tracing the lives of women from various socio-cultural aspects and examining the multiple interactions between the state, local community, family and individual, women's places in the family and in society, their relationships with one another and men, and the evolution of ideas about gender and sexuality throughout Korea's complicated past will be reexamined through concrete topics with historical specificity and as many primary sources as possible. With understanding dynamics of women's lives in Korean society, this class will build an important bridge to understand the construction of New Women in early twentieth-century Korea, when women from all walks of life had to accommodate their "old-style" predecessors and transform themselves to new women, as well as the lives of contemporary Korean women. This will be very much a reading-and-discussion course. Lectures will review the readings in historical perspective and supplement them. The period to be studied ranges from the pre-modern time up to the turn of twentieth century, with special attention to the early modern period.

Spring 2020: HSEA GU4888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HSEA 4888 001/12406 T 6:10pm - 8:00pm Jungwon 4 15/15
Room TBA Kim

HISTORY AND PHILOSOPHY OF SCIENCE

The University offers a number of courses in the history and philosophy of science, although it does not, at this time, offer a major or concentration to undergraduates in Columbia College or General Studies. The course listings bring together a variety of courses from different disciplines, which should be of interest to anyone wishing to pursue work in the history and philosophy of science. The list is not intended to be all inclusive; students interested in the history and philosophy of science should speak to members of the committee.

INTERDEPARTMENTAL COMMITTEE ON HISTORY AND PHILOSOPHY OF SCIENCE

David Albert
Philosophy
706 Philosophy; 212-854-3519

Walter Bock (*emeritus*)
Biology
1106 Schermerhorn; 212-854-4487

Marwa Elshakry
History
512 Fayerweather; 212-851-5914

Karl Jacoby
History
424 Hamilton; 212-854-3248

Richard John
History
201E Pulitzer; 212-854-0547

Matthew Jones
History
514 Fayerweather; 212-854-2421

Joel Kaye
History
422B Lehman; 212-854-4350

Philip Kitcher
Philosophy
717 Philosophy; 212-854-4884

Eugenia Lean
History
925 International Affairs Building; 212-854-1742

Christia Mercer
Philosophy
707 Philosophy; 212-854-3190

Alondra Nelson
Sociology
607 Knox; 212-851-7081

Samuel Roberts
History/Sociomedical Sciences
322 Fayerweather; 212-854-2430

David Rosner
History/Sociomedical Sciences
420 Fayerweather; 212-854-4272

David Rothman
History/Sociomedical Sciences
622 West 168th Street; 212-305-4096

George Saliba (*emeritus*)
Middle Eastern, South Asian, and African Studies
312 Knox; 212-854-4166

Pamela Smith
History
605 Fayerweather; 212-854-7662

FALL 2019

HIST UN2112 The Scientific Revolution in Western Europe: 1500-1750. 4 points.

Introduction to the cultural, social, and intellectual history of the upheavals of astronomy, anatomy, mathematics, alchemy from the Renaissance to the Enlightenment. *Field(s): EME*

Fall 2019: HIST UN2112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2112	001/36481	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Matthew Jones	4	12/40

HIST UN2523 History of Health Inequality in the Modern United States. 4 points.

Through assigned readings and a group research project, students will gain familiarity with a range of historical and social science problems at the intersection of ethnic/racial/sexual formations, technological networks, and health politics since the turn of the twentieth century. Topics to be examined will include, but will not be limited to, black women's health organization and care; HIV/AIDS politics, policy, and community response; "benign neglect"; urban renewal and gentrification; medical abuses and the legacy of Tuskegee; tuberculosis control; and environmental justice. There are no required qualifications for enrollment, although students will find the material more accessible if they have had previous coursework experience in United States history, pre-health professional (pre-med, pre-nursing, or pre-public health), African-American Studies, Women and Gender Studies, Ethnic Studies, or American Studies.

Fall 2019: HIST UN2523

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2523	001/36483	M W 8:40am - 9:55am 503 Hamilton Hall	Samuel Roberts	4	23/54

HIST GU4588 Substance Abuse Politics in African-American History. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The course's temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semester's principal focus will be on the origins and evolution of the set of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/Harm Reduction International offers a basic, though not entirely comprehensive, definition of harm reduction in its statement, "What is Harm Reduction?" (<http://www.ihra.net/what-is-harm-reduction>): "Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs." [1] Harm reduction in many U.S. communities of color, however, has come to connote a much wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOZkl1NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu.

Fall 2019: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/36506	W 10:10am - 12:00pm 302 Fayerweather	Samuel Roberts	4	15/22

SPRING 2020**HSAM UN2901 Data: Past, Present, and Future. 3 points.**

Lect: 1.5. Lab: 1.5.

Data-empowered algorithms are reshaping our professional, personal, and political realities, for good--and for bad. "Data: Past, Present, and Future" moves from the birth of statistics in the 18th century to the surveillance capitalism of the present day, covering racist eugenics, World War II cryptography, and creepy personalized advertising along the way. Rather than looking at ethics and history as separate from the science and engineering, the course integrates the teaching of algorithms and data manipulation with the political whirlwinds and ethical controversies from which those techniques emerged. We pair the introduction of technical developments with the shifting political and economic powers that encouraged and benefited from new capabilities. We couple primary and secondary readings on the history and ethics of data with computational work done largely with user-friendly Jupyter notebooks in Python.

Spring 2020: HSAM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSAM 2901	001/12059	T Th 10:10am - 11:25am Room TBA	Chris Wiggins, Matthew Jones	3	70/105

HIST GU4588 Substance Abuse Politics in African-American History. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The course's temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semester's principal focus will be on the origins and evolution of the set of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/Harm Reduction International offers a basic, though not entirely comprehensive, definition of harm reduction in its statement, "What is Harm Reduction?" (<http://www.ihra.net/what-is-harm-reduction>): "Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs." [1] Harm reduction in many U.S. communities of color, however, has come to connote a much

wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOzkl1NHnJlQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu.

Fall 2019: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/36506	W 10:10am - 12:00pm 302 Fayerweather	Samuel Roberts	4	15/22

CPLS GU4320 Marginalization in Medicine: A Practical Understanding of the Social Implications of Race . 4 points.

There is a significant correlation between race and health in the United States. People of color and those from underserved populations have higher mortality rates and a greater burden of chronic disease than their white counterparts. Differences in health outcomes have been attributed to biological factors as race has been naturalized. In this class we will explore the history of the idea of “race” in the context of changing biomedical knowledge formations. We will then focus on the impact that social determinants like poverty, structural violence, racism and geography have on health. Ultimately, this course will address the social implications of race on health both within the classroom and beyond. In addition to the seminar, there will also be a significant service component. Students will be expected to volunteer at a community organization for a minimum of 3 hours a week. This volunteer work will open an avenue for students to go beyond the walls of their classrooms while learning from and positively impacting their community.

Spring 2020: CPLS GU4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4320	001/20082	W 10:10am - 12:00pm Room TBA	Samuel Roberts	4	0/25

HIST UN3437 Poisoned Worlds: Corporate Behavior and Public Health. 4 points.

Priority given to majors and concentrators, seniors, and juniors.

In the decades since the publication of Silent Spring and the rise of the environmental movement, public awareness of the impact of industrial products on human health has grown enormously. There is growing concern over BPA, lead, PCBs, asbestos, and synthetic materials that make up the world around us. This course will focus on environmental history, industrial and labor history as well as on how twentieth century consumer culture shapes popular

and professional understanding of disease. Throughout the term the class will trace the historical transformation of the origins of disease through primary sources such as documents gathered in lawsuits, and medical and public health literature. Students will be asked to evaluate historical debates about the causes of modern epidemics of cancer, heart disease, lead poisoning, asbestos-related illnesses and other chronic conditions. They will also consider where responsibility for these new concerns lies, particularly as they have emerged in law suits. Together, we will explore the rise of modern environmental movement in the last 75 years.

Spring 2020: HIST UN3437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/13602	W 8:10am - 10:00am Room TBA	David Rosner	4	16/15

INSM UN3921 Nobility and Civility II. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common human values and issues evident in these texts while also recognizing key cultural differences

Spring 2020: INSM UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/11106	W 2:10pm - 4:00pm H1-1 Heyman Center For Humanities	Rachel Chung	4	24/22

HIST GU4031 Transforming Texts: Textual Analysis, Literary Modeling, and Visualization . 4 points.

Designed for graduate and advanced undergraduate students in the social sciences, humanities, and computer science, this hybrid course is situated at the crossroads of historical exploration and computer sciences. Students will be exposed to digital literacy tools and computational skills through the lens of the Making and Knowing Project. The edition will draw on collaboration with and research done by the Making and Knowing Project <http://www.makingandknowing.org/> on an anonymous 16th-century French compilation of artistic and technical recipes (BnF Ms. Fr. 640). Students will work from the encoded English translation of the manuscript, prepared by the Spring 2017 course “*HIST GR8975 What is a Book in the 21st Century? Working with Historical Texts in a Digital Environment.*” This course will also utilize the concepts and prototypes developed by computer science students in the Spring 2018 “*COMS W4172: 3D User Interfaces and Augmented Reality (AR).*” The skills students will learn over the course of the semester are widely applicable to other types of

Digital Humanities projects, and indeed, in many fields outside of traditional academic study.

For the final project, students will collaborate to investigate linguistic features of Ms. Fr. 640 using natural language processing and text mining techniques. These projects will shed light on topics of interest within the manuscript and uncover connections within the textual data. By using the tools prototypes in a Spring 2018 *COMS W4172* course, and working alongside computer science students, the groups will learn to adapt and recode data sets, and to view them into a variety of visualizations.

OF RELATED INTEREST

Biological Sciences

BIOL UN3208	Introduction to Evolutionary Biology
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Center for the Study of Ethnicity and Race

CSER W3222	Nature and Power: Environmental History of the US
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Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM C3940	Science Across Cultures
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History

HIST UN2523	History of Health Inequality in the Modern United States
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HSPB UN2950	Social History of American Public Health
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HIST GU4584	Drug Policy and Race
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History (Barnard)

HIST BC2180	Merchants, Pirates, and Slaves in the Making of Atlantic Capitalism
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HIST BC2305	Bodies and Machines
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HIST BC2388	Introduction to History of Science since 1800
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HIST BC3119	Capitalism and Enlightenment
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HIST BC3324	Vienna and the Birth of the Modern
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Philosophy

PHIL UN2101	The History of Philosophy I: Presocratics to Augustine
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PHIL UN2201	History of Philosophy II: Aquinas to Kant
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PHIL UN3251	Kant
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Women's Studies (Barnard)

WMST BC3509	Gender, Knowledge and Science in Modern European History
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HUMAN RIGHTS

Program Office: Institute for the Study of Human Rights; 475 Riverside Drive (Interchurch Center), 3rd floor; 646-745-8577; uhrp@columbia.edu

Departmental Website: <http://humanrightscolumbia.org/education/undergraduate> (<http://humanrightscolumbia.org/education/undergraduate/>)

Director of Undergraduate Studies: Prof. Inga Winkler, 475 Riverside Drive (Interchurch Center), 308C; 646-745-8524. Office hours: Tuesday: 10:00am - 12:00pm and by appointment.

Human rights are central to contemporary understandings of justice and equality and have crucial bearing on the ability to assess and respond to emerging technological, economic, social, cultural, and political issues.

The Undergraduate Human Rights Program at the Institute for the Study of Human Rights engages students in this dynamic and evolving field and enhances their knowledge, skills, and commitment to human rights. The program offers a major and a concentration in human rights, provides students the opportunity to deepen their knowledge and explore their interests in human rights outside the classroom, and works to strengthen and support the undergraduate human rights community on campus. More information on academic and extracurricular events, opportunities, and resources for undergraduate human rights students is available on the program's website. For an advising appointment, please e-mail [humanrightsed](mailto:humanrightsed@humanrightsed@columbia.edu) (humanrightsed@columbia.edu)@columbia.edu (humanrightsed@columbia.edu).

DEPARTMENTAL HONORS

To be eligible for departmental honors, a student must satisfy all the requirements for the major, maintain a 3.6 GPA in the major, maintain an overall GPA of 3.6, and complete a thesis of sufficiently high quality to merit honors. A thesis is required for all students who wish to be considered for honors, but does not guarantee honors. Students who graduate in October, February, or May of a given academic year are eligible for honors consideration in May. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

Students interested in writing a thesis for honors consideration complete a two semester course sequence during their final year of study. In the fall, students take HRTS UN3994 Human Rights Senior Seminar: Research Methods, which introduces students to various research methods and guides them through the proposal development process. In the spring, students take HRTS UN3996 Human Rights Thesis Seminar. This course will consist of group sessions, where students will present their work and participate in discussions, as well as individual meetings with their thesis supervisor, who is also the course instructor.

Students are encouraged to write a thesis, but they should not do so solely to be eligible for honors consideration. Rather, students should consider enrolling in the thesis seminar in order to demonstrate their capacity to produce a work of original research and develop more specialized knowledge of a human rights issue.

GUIDELINES FOR ALL HUMAN RIGHTS MAJORS, CONCENTRATORS, AND SPECIAL CONCENTRATORS

Student should also consult the general academic policies of their school.

Planning Forms

Major and concentration planning forms are available on the ISHR undergraduate program website. Prior to each semester, students should submit an online course advising form (<http://www.humanrightscolumbia.org/education/courseadvising/>). Students may also e-mail uhrp@columbia.edu to set up an advising appointment.

Grades

No course with a grade of D or lower is credited towards the major or concentration.

One course, with the exception of the three core courses required for the major, can be taken for Pass/D/Fail. The student must receive a grade of P for the course to count towards the requirements of the major. All other courses must be taken for a letter grade.

All seminar courses must be taken for a letter grade.

Transfer Credit/Study Abroad Credit

Human rights majors may transfer a maximum of three courses from other institutions. Human rights concentrators may transfer a maximum of two courses from other institutions. This includes study abroad credit. No more than one Advanced Placement course can be counted for the major or concentration. The application of transferred courses to the major or concentration must be approved by the Director of Undergraduate Studies or the undergraduate adviser.

Students wishing to count transfer courses toward the major or concentration should email uhrp@columbia.edu (<http://bulletin.columbia.edu/columbia-college/departments-instruction/human-rights/uhrp@columbia.edu>) with their Transfer Credit Report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

Double-Counting

Students may double count major or concentration courses toward the fulfillment of degree requirements in accordance with the academic policies of their school.

Normally, courses for one program of study (i.e. major, concentration, special concentration, etc.) may not be used to satisfy the course requirements for another program of study. Students should consult the academic policies of their school for specific information.

MAJOR IN HUMAN RIGHTS

The major in human rights requires 10 courses for a minimum of 31 points as follows. One of the distributional or specialization courses must be a seminar.

Core Courses

HRTS UN3001	Introduction to Human Rights
HRTS UN3190	International 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 (<http://www.humanrightscolumbia.org/education/undergraduate/undergraduate-courses/>) 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 (<http://www.college.columbia.edu/academics/programs/>) on the bulletin are approved for the specialization requirement if a free-standing major is offered. Courses approved for that major are generally approved for the human rights specialization. However, language acquisition and studio courses may not be taken to fulfill the specialization requirement. Students are encouraged to take any core and/or methodology courses required by a program when fulfilling their specialization requirement. Students are also encouraged to take courses within their chosen specialization that focus on human rights issues, but the specialization requirement can be fulfilled by taking any four courses within the same discipline. For example, if a student's specialization is Political Science, he or she can fulfill the specialization requirement by taking any four POLS courses.

CONCENTRATION IN HUMAN RIGHTS

The concentration in human rights requires 8 courses for a minimum of 24 points as follows:

HRTS UN3001 Introduction to Human Rights

Seven additional human rights courses, one of which must be a seminar.

Please see the ISHR undergraduate course list (<http://www.humanrightscolumbia.org/education/undergraduate/undergraduate-courses/>) for the current list of courses that fulfill the concentration requirements.

HRTS UN3001 Introduction to Human Rights. 3 points.

Evolution of the theory and content of human rights; the ideology and impact of human rights movements; national and international human rights law and institutions; their application with attention to universality within states, including the U.S., and internationally.

Fall 2019: HRTS UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3001	001/57007	M W 2:40pm - 3:55pm 207 Mathematics Building	Andrew Nathan	3	132/150

HRTS UN3190 International Human Rights Law. 3 points.

This course will introduce students to the international law of human rights, and give a basic orientation to fundamental issues and controversies. The course has two principal focal points: first, the "nuts and bolts" of how international law functions in the field of human rights, and second, the value and limitations of legal approaches to a variety of human rights issues. Throughout the course, both theoretical and practical questions will be addressed, including who bears legal duties and who can assert legal claims, how these duties might be enforced, and accountability and remedy for violations. Attention will be given to how international law is made, what sorts of assumptions underlie various legal mechanisms, and how the law works in a variety of contexts.

Fall 2019: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/56979	T 6:10pm - 8:00pm 607 Hamilton Hall	Belinda Cooper	3	22/22

Spring 2020: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/11967	Th 2:10pm - 4:00pm Room TBA	Dinah Po Kempner	3	16/22

HRTS UN3995 Human Rights Senior Seminar. 4 points.

The senior seminar is a capstone course required for the human rights major. The seminar provides students the opportunity to discuss human rights from a variety of disciplinary perspectives and to explore various theoretical approaches and research methodologies. Students undertake individual research projects while collectively examining human rights through directed readings and discussion.

Fall 2019: HRTS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/56988	W 12:10pm - 2:00pm 301m Fayerweather	Peter Rosenblum	4	12/20

Spring 2020: HRTS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/11550	T 12:10pm - 2:00pm Room TBA	Peter Rosenblum	4	13/20

HRTS UN3996 Human Rights Thesis Seminar. 3 points.

Priority given to human rights majors/concentrators.

Prerequisites: HRTS UN3995 Human Rights Senior Seminar. Additional information available at: <http://humanrightscolumbia.org/education/undergraduate/> (<http://humanrightscolumbia.org/education/undergraduate/>) This course is designed for human rights students who wish to write a honors-eligible thesis. The course will consist of group sessions, during which time students will present their work and participate in discussions, and individual meetings with the thesis supervisor. The course instructor is the thesis supervisor for each student.

Spring 2020: HRTS UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3996	001/11551	W 12:10pm - 2:00pm Room TBA	Inga Winkler	3	5/20

HRTS GU4215 NGOs and the Human Rights Movement: Strategies, Successes and Challenges. 3 points.

This class takes a social movement perspective to analyze and understand the international human rights movement. The course will address the evolution of the international human rights movement and focus on the NGOs that drive the movement on the international, regional and domestic levels. Sessions will highlight the experiences of major human rights NGOs and will address topics including strategy development, institutional representation, research methodologies, partnerships, networks, venues of engagement, campaigning, fundraising and, perhaps most importantly, the fraught and complex debates about adaptation to changing global circumstances, starting with the pre-Cold War period and including some of the most up-to-date issues and questions going on in this field today.

Fall 2019: HRTS GU4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4215	001/56990	Th 4:10pm - 6:00pm 507 Philosophy Hall	Louis Bickford	3	17/22

HRTS GU4230 Refugees, Forced Migration, and Displacement. 3 points.

Refugees, forced migration, and displacement: these subjects top the headlines of the world's newspapers, not to mention our social media feeds. Over a million refugees have reached

Europe's shores in recent years, and conflicts in the Middle East and elsewhere continue to force people to flee their homes. In the aftermath of the financial crisis and 9/11, politicians in the Global North have focused on borders: who crosses them and how. Walls are being erected. Referendums are being held. We are consumed with thorny questions about who gets to join our political communities. Today there are over 65 million refugees, displaced persons, and stateless persons in the world, represented at last summer's Olympics by their own team for first the time, a testament to their increasing visibility on the world stage. Global forced displacement recently hit a historical high. And while numbers are increasing, solutions are still elusive. The modern refugee regime, the collection of laws and institutions designed to address the problems faced by refugees, has developed slowly over the course of the last 100 years, first in response to specific crises. That regime has been shaped by a changing geopolitical landscape. At the end of the Cold War, institutions in the field expanded their mandates and preferred solutions to the "problem" of refugees changed. And yet today many scholars and policy makers argue the regime is not fit for purpose. They point to the European refugee crisis as the latest case in point. Why? What went wrong and where? Can it be fixed? This course will largely focus on the issues of forced migration, displacement and refugees related to conflict, although this subject is inevitably intertwined with larger debates about citizenship and humanitarianism. Taking an interdisciplinary perspective, this course will address both scholarly and policy debates. Utilizing human rights scholarship, it will draw on work in history that charts the evolution of institutions; legal scholarship that outlines international and domestic laws; work in political science that seeks to understand responses in a comparative perspective, and anthropological studies that address how refugees understand these institutions and their experiences of exile and belonging. These topics are not only the purview of those in the academy, however. Investigative journalists have most recently provided trenchant coverage of the world's refugees, especially the current European crisis, where many have reported from the shores of the Mediterranean Sea. Policy makers scramble to keep up with a crisis literally in motion. We will read their communiqués as well. While we will only begin to skim the surface of these issues, in this course you should expect to gain the following expertise: 1) Knowledge of the modern refugee regime and its origins 2) An analysis of actors and institutions who are tasked with responding to refugee crises and how their roles have changed 3) An understanding of a few critical historical case studies, both in the United States and abroad 4) Critical analysis of the current refugee crisis in Europe and the Middle East 5) Knowledge of the asylum process in the US and in comparative perspective 6) An understanding of the debates about conducting research with vulnerable populations such as refugees and displaced persons

Fall 2019: HRTS GU4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4230	001/56984	T 4:10pm - 6:00pm 607 Hamilton Hall	Lara Nettelfield	3	20/22

HRTS GU4270 Social Media and Human Rights: Actors, Advocacy and Analytics. 3 points.

PRIORITY:HRSMA. GRAD & UNDERGRAD(3&4YR) ON 1ST DAY OF TERM

This course examines how changes in information and communications technology have, over the past two decades, fundamentally transformed the practices of civil society actors engaged with human rights issues. New communications tools such as Twitter, blogs, and Facebook have changed the ways that organizations communicate with their followers and seek to influence public debate. The increasing accessibility of analytic tools for researching and visualizing changing patterns of human rights abuse has empowered groups to better understand and respond more forcefully to these issues. Indeed, the use of social media as a communications tool has made it a data source for those monitoring and analyzing patterns of activity, in ways that draw increasingly on the techniques of big data analysis.

Spring 2020: HRTS GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4270	001/11553	M 6:10pm - 8:00pm Room TBA	Ted Perlmutter	3	11/22

HRTS GU4500 SOCIO-ECONOMIC RIGHTS. 3 points.

Socio-economic rights have emerged from the margins into the mainstream of human rights. We will explore conceptual issues through the lens of specific rights which will help us ground these principles and ideas in concrete cases. We will discuss developments on socio-economic rights and examine their relevance in the United States as well as selected other countries, particularly those with progressive legislation, policies and jurisprudence.

Fall 2019: HRTS GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4500	001/10461	T 2:10pm - 4:00pm 401 Chandler	Inga Winkler	3	14/22

HRTS GU4600 Human Rights in the Anthropocene. 3 points.

In August 2016, a working group of the International Geological Congress voted to acknowledge a new geological epoch, following 11,700 years of the Holocene, and that it would be called The Anthropocene. The announcement indicated a new era in the earth's chronology marked by the consequences of human activity on the planet's ecosystems. Closely related to discussions of sustainability, investigations into the Anthropocene tend to focus on environmental and ecological issues while ignoring its social justice dimensions. This course will investigate how Human Rights has and will be impacted by the Anthropocene, with special attention paid to the human dimensions and consequences of anthropogenic change. Do new and troubling revelations about anthropogenic mistreatment of the earth and its resources modify or amplify the kinds of responsibilities that govern activity between individuals and communities? How do we scale the human response from the urban, to the periurban, to the rural? How must the study of Human Rights evolve to address violence

and mistreatment associated not just among humans but also amid human habitats? What sorts of juridical changes must occur to recognize and respond to new manifestations of social injustice that relate directly to consequences of anthropogenic changes to the Earth system? Topics will include discussions of the Environmental Justice movement, agribusiness, access to (and allocation of) natural resources, population growth; its global impact, advocacy for stronger and more accountability through environmental legal change, biodiversity in urban environments, and the growing category of environmental refugees.

Spring 2020: HRTS GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4600	001/11555	Th 10:10am - 12:00pm Room TBA	Noah Chasin	3	14/22

HRTS GU4650 Children's Rights Advocacy. 3 points.

This course is designed to introduce contemporary children's rights issues and help students develop practical advocacy skills to protect and promote the rights of children. Students will explore case studies of advocacy campaigns addressing issues including juvenile justice, child labor, child marriage, the use of child soldiers, corporal punishment, migration and child refugees, female genital mutilation, and LGBT issues affecting children. Over the course of the semester, students will become familiar with international children's rights standards, as well as a variety of advocacy strategies and avenues, including use of the media, litigation, and advocacy with UN, legislative bodies, and the private sector. Written assignments will focus on practical advocacy tools, including advocacy letters, op-eds, submissions to UN mechanisms or treaty bodies, and the development of an overarching advocacy strategy, including the identification of goals and objectives, and appropriate advocacy targets and tactics.

Fall 2019: HRTS GU4650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4650	001/56980	F 2:10pm - 4:00pm 311 Fayerweather	Michael Bochenek, Jo Becker	3	14/22

HRTS GU4810 Religion and Human Rights. 3 points.

Priority given to human rights studies M.A. students. Open to 3rd and 4th year undergraduates on first day of term with the instructor's permission.

The resurgence of religion over the past three decades has had a transformative influence globally and within nations. Religious nationalism, fundamentalism, and communalism have arisen to forcefully compete with secular democracy. With the fall of the Soviet bloc and the bilateralism of the Cold War, ethnic particularism, often of a religious character, has emerged as the locus of identity for people on all continents. These rapid changes engendered by a new, often commanding, role for religion challenge the very concept of individual and universal human rights. They raise difficult theoretical and painfully practical questions as to the preservation of individual human rights, and the relationship of democracy to religion. At the same time, recent

currents such as economic globalization, the triumph of the free market, and the communications revolution promote individual autonomy, a cornerstone of human rights. There can be no doubt that religion will occupy an increasingly salient role in the social and political life of nations during the course of the 21st century. The relevance of religion to human rights in our time cannot be undervalued. The course examines the relationship of religion to human rights from several standpoints, including religion's role in abetting intolerance, religious minorities as victims of human rights violations, and religion as a framer of human rights ideals which inspire action.

Spring 2020: HRTS GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4810	001/11556	Th 6:10pm - 8:00pm Room TBA	Joseph Chuman	3	9/22

HRTS GU4900 UN HUMAN RIGHTS BODIES: IMPACT – REFORM – ADVOCACY. 4 points.

The course is part of the program's offerings in experiential learning. Students will engage in an applied research project with an NGO partner focused on the role of UN Special Rapporteurs and the strategies they employ. Students will become familiar with the intricacies of the UN human rights system, while also taking a bird's-eye view on the system, its challenges and the need for reform. The course seeks to combine critical reflection with practical application, including through the perspectives of practitioners and guest speakers who discuss their strategies for advocacy.

HRTS GU4915 Human Rights and Urban Public Space. 3 points.

Priority for 3rd & 4th yr CC/GS HUMR studs & to HRSMA studs

The course will explore the often-contested terrain of urban contexts, looking at cities from architectural, sociological, historical, and political positions. What do rights have to do with the city? Can the ancient idea of a "right to the city" tell us something fundamental about both rights and cities? Our notion of citizenship is based in the understanding of a city as a community, and yet today why do millions of people live in cities without citizenship? The course will be organized thematically in order to discuss such issues as the consequences of cities' developments in relation to their peripheries beginning with the normative idea of urban boundaries deriving from fortifying walls, debates around the public sphere, nomadic architecture and urbanism, informal settlements such as slums and shantytowns, surveillance and control in urban centers, refugees and the places they live, catastrophes natural and man-made and reconstruction, and sovereign areas within cities the United Nations, War Crimes Tribunals. At the heart of our inquiry will be an investigation of the ways in which rights within urban contexts are either granted or withheld.

Fall 2019: HRTS GU4915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HRTS 4915 001/56981 W 10:10am - Noah 3 21/22
12:00pm Chasin
707 Hamilton Hall

HRTS GU4930 International Humanitarian Law and Human Rights. 4 points.

This seminar will cover various issues, debates, and concepts in the international law of armed conflict (known as international humanitarian law), particularly as it relates to the protection of non-combatants (civilians and prisoners of war). In doing so, we will examine how international humanitarian law and human rights law intersect. Both sets of legal norms are designed to protect the lives, well-being, and dignity of individuals. However, the condition of armed conflict provides a much wider set of options for governments and individuals to engage in violent, deadly action against others, including killing, forcibly detaining, and destroying the property of those designated as combatants. At the same time, the means of waging war are not unlimited, but rather are tightly regulated by both treaty and customary law. This course will examine how these regulations operate in theory and practice, focusing on the principles of distinction, proportionality, and military necessity.

Spring 2020: HRTS GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4930 001/11559		W 10:10am - 12:00pm Room TBA	Bruce Cronin	4	12/22

HRTS GU4950 Human Rights and Human Wrongs. 3 points. MAIL INSTR FOR PERM.PRIORITY:3&4YR HUMAN RIGHT & HRSMA

Prerequisites: the instructor's permission. Please e-mail the instructor at bc14@columbia.edu.

This course will examine the tension between two contradictory trends in world politics. On the one hand, we have emerged from a century that has seen some of the most brutal practices ever perpetrated by states against their populations in the form of genocide, systematic torture, mass murder and ethnic cleansing. Many of these abuses occurred after the Holocaust, even though the mantra "never again" was viewed by many as a pledge never to allow a repeat of these practices. Events in the new century suggest that these trends will not end anytime soon. At the same time, since the middle of the twentieth century, for the first time in human history there has been a growing global consensus that all individuals are entitled to at least some level of protection from abuse by their governments. This concept of human rights has been institutionalized through international law, diplomacy, international discourse, transnational activism, and the foreign policies of many states. Over the past two decades, international organizations, non-governmental organizations, and international tribunals have gone further than any institutions in human history to try to stem state abuses. This seminar will try to make sense of these contradictions.

Fall 2019: HRTS GU4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HRTS 4950 001/56986 T 10:10am - Bruce 3 15/22
12:00pm Cronin
302 Fayerweather

HRTS GU4400 Sexual Orientation, Gender Identity, and Human Rights. 3 points.

PRIORITY:HRSMA. GRAD & UNDERGRAD (3&4YR) ON
1ST DAY OF TERM

Debates over the rights of lesbian, gay, bisexual and transgender people have never been more visible in the international arena. Advocates are beginning to have some success in putting sexual orientation and gender identity on the agenda for inclusion in human rights instruments. But in many local and regional contexts, state-sanctioned homophobia is on the rise, from the official anti-gay stance of Russia featured during the Sochi Winter Games to the passage of Mississippi's anti-gay bill and Uganda's anti-homosexuality act. This course examines these trends in relation to strategies pursued by grassroots activists and NGOs and the legal issues they raise, including marriage and family rights, discrimination, violence, torture, sex classification, and asylum. We will also focus on current debates about the relation between sexual rights and gender justice, tensions between universalist constructions of gay/trans identity and local formations of sexual and gender non-conformity, and legacies of colonialism.

Fall 2019: HRTS GU4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4400 001/57009		Th 6:10pm - 8:00pm 613 Hamilton Hall	Paisley Currah	3	7/22

HRTS GU4880 Human Rights in the United States. 3 points.

The United States sees itself as a country founded on the norms of equality under the law and inalienable rights but the modern reality is quite different. Police brutality in Ferguson, Executive Orders banning Muslims, protests at the Dakota Pipeline, the water crisis in Flint, Michigan, raids by Immigration and Customs Enforcement, high levels of domestic violence, wage stagnation, and the lack of a right to health care, all point to a human rights crisis at home. Some scholars have even argued that, for the majority of its citizens, the United States has the standards of a "third world" country.

In which areas are the most violations of human rights occurring and why? How have long term trends, including historical legacies, contributed to the current state of affairs? This survey course will provide an overview of contemporary human rights issues in the United States and will analyze them through the theoretical lenses of scholarship in the fields of comparative politics (including social movements) and law and society. It will outline the different actors in the human rights landscape, and focus on the various forms and strategies of mobilization around human rights issues with an eye to what has helped increase the enjoyment of rights.

Spring 2020: HRTS GU4880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HRTS 4880 001/11557 T 4:10pm - 6:00pm Lara 3 8/22
Room TBA Nettelfield

HRTS GU4340 Human Rights Accountability & Remedies. 3 points.

Not offered during 2019-20 academic year.

Effective remedies for violations of human rights is a core tenet of human rights law. Yet in practice, victims are rarely able to rely on formal accountability mechanisms to deliver remedies. This course examines how advocates combine political, legal and reputational accountability strategies to hold violators accountable where formal enforcement mechanisms are unavailable. The course will look beyond the international criminal legal system, and instead draw on case studies from contexts where the accountability gap is particularly stark: transnational actors who lack direct accountability relationships with rights-holders, including in international development, peacekeeping and corporate activities.

By delving into practical and tactical considerations, students will build an understanding of how various strategies work together to build a successful campaign for accountability that results in remedies for victims. Students will engage in simulated exercises in media advocacy, political lobbying, engaging with the UN human rights system, and public campaigning. Students will learn how to build empowering narratives that shape public opinion, center victims in their work, and nurture transnational partnerships to overcome power differentials. Through discussions grounded in both theory and practice, students will also critically interrogate the practice of human rights advocacy.

HRTS UN3994 Human Rights Senior Seminar: Research Methods. 4 points.

This course aims to introduce students to human rights research methods, while providing them with practical research tools. The course will be tailored to students' interests, disciplinary backgrounds and research areas. The specific topics students will research and the methods they will employ will determine the substantive focus of readings.

During the course we will ask the following questions: 'what is human rights research?', 'how do you carry out research in an interdisciplinary field?', 'what distinguishes academic research from applied research and advocacy'? While answering these questions, you will become familiar with the literature on human rights methodologies, and you will engage in analysis and critical assessment of important human rights research literature.

In addition, the course gives a practical approach to research methodology. You will learn about a diverse set of methodologies, such as interviewing and focus groups, archival research, ethnographic and participant observation, interviewing focus groups, conducting online research; interpretive and non-empirical methods and basic quantitative methodologies to be employed in the study of human rights. As you learn about different methodological approaches, you will develop your own research project.

Scholars and practitioners in the field of human rights research will present their work and engage in discussions with students about their own research, challenges, successes and publication venues.

NB: This course is geared towards students who commit to writing a senior thesis. It is part of a two-course sequence: HRTS UN3994 Section 001 Human Rights Senior Seminar: Research Methods in the fall and HRTS UN3996 Human Rights Thesis Seminar in the spring. Students who do not intend to write a thesis should enroll in HRTS UN3995 section 001 Human Rights Senior Seminar, which is a one-semester course taught each semester focused on writing a seminar paper.

Fall 2019: HRTS UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3994	001/57008	W 12:10pm - 2:00pm 302 Fayerweather	Maria Kowalski	4	5/20

HRTS GU4185 Human Rights and Global Economic Justice. 3 points.

The world economy is a patchwork of competing and complementary interests among and between governments, corporations, and civil society. These stakeholders at times cooperate and also conflict over issues of global poverty, inequality, and sustainability. What role do human rights play in coordinating the different interests that drive global economic governance? This seminar will introduce students to different structures of global governance for development, trade, labor, finance, the environment, migration, and intellectual property and investigate their relationship with human rights. Students will learn about public, private, and mixed forms of governance, analyze the ethical and strategic perspectives of the various stakeholders and relate them to existing human rights norms. The course will examine the work of multilateral organizations such as the United Nations and the International Financial Institutions, as well as international corporate and non-governmental initiatives.

Spring 2020: HRTS GU4185

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4185	001/11824	M 6:10pm - 8:00pm Room TBA	Rainer Braun	3	20/22

HRTS GU4195 Topics in History, Memory and Transitional Justice. 3 points.

How do societies address their "bad pasts" in order to create "good futures" in the aftermath of conflict, state-sponsored repression, dictatorship, and genocide? Transitional Justice has generated numerous strategic and tactical approaches for redressing often irreparable harms. These include: international criminal tribunals, national or local legal proceedings, truth commissions, restitution, the accurate revision of history, public apologies, the establishment of monuments and museums, and official commemorations.

The aim of this course is to examine and analyze from a historical perspective the characteristics and problems of transitions from non-democratic/dictatorial/totalitarian/criminal political regimes

to the beginnings of democracy and civil society. We shall focus on concepts and comparative cases, and current and past transitional justice-related questions, including historical reconciliation. We will study, among others, the experience of Germany at and after the Nuremberg proceedings, transitional justice in Africa, post-Soviet efforts at coming to terms with its Communist past, the ICTY/ICTR/ICC, amnesty and amnesia, and the legacy and memory of genocide and mass political repression. Students will gain a substantive framework for understanding the questions and challenges related to transitional justice today.

Spring 2020: HRTS GU4195

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4195	001/11552	M 2:10pm - 4:00pm Room TBA		3	18/22

OF RELATED INTEREST

Please see the ISHR undergraduate course list (<http://humanrightscolumbia.org/education/undergraduate/undergraduate-courses/>) for additional courses approved for the human rights major and concentration.

ITALIAN

Departmental Office: 502 Hamilton; 212-854-2308
<http://italian.columbia.edu/>

Director of Undergraduate Studies: Assoc. Prof. Pier Mattia Tommasino, 513 Hamilton; 212-854-0747;
pmt2114@columbia.edu

A major in Italian offers students the opportunity to study Italian literature and culture in an intimate, seminar setting with the close supervision of the department's faculty. In addition, the prerequisite and corequisite sequence of language courses is designed to give students a command of written and spoken Italian.

Majors must complete 30 points and concentrators must complete 24 points. All majors and concentrators are required to take two semesters of Advanced Italian (ITAL UN3335 Advanced Italian-ITAL UN3336 Advanced Italian II: Italian Language & Culture, ITAL UN3337 Advanced Italian Through Cinema, ITAL UN3338 Italiana. Introduction to Italian Culture, the High, the Low, and the In-between, ITAL UN3645 Grand Tour in Italy, or ITAL UN3232 Senza frontiere. *Lingua e cultura italiane dall'Ottocento ad oggi tra emigrazione ...*) as well as one of the following two sequences:

- *Introduction to Italian Literature I and II* (ITAL UN3333-ITAL UN3334) provides an overview of major authors and works in the Italian literary tradition from the Middle Ages to the present;
- *Italian Cultural Studies I and II* (ITAL GU4502-ITAL GU4503) is an interdisciplinary

investigation into Italian culture and society from national unification in 1860 to the present.

In consultation with the director of undergraduate studies, majors select six additional courses (concentrators select four additional courses) from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian culture. Students who have taken courses in Italian Literature, Italian History, and/or Italian Culture while abroad should consult with the Director of Undergraduate Studies to determine if the courses may be applicable to the major.

Highly motivated students have the opportunity to pursue a senior thesis under the guidance of a faculty adviser in an area of Italian literature or culture of their choosing. The senior thesis tutorial, ITAL UN3993 Senior Thesis/Tutorial, will count for 3 points.

Departmental courses taught entirely in English do not have linguistic prerequisites and students from other departments who have interests related to Italian culture are especially welcome to enroll.

Italian language instruction employs a communicative approach that integrates speaking, reading, writing, and listening. Courses make use of materials that help students to learn languages not just as abstract systems of grammar and vocabulary but as living cultures with specific content. Across the levels from elementary to advanced, a wide range of literary, cultural and multimedia materials, including books, film, and opera, supplement the primary course text.

The sequence in elementary and intermediate Italian enables students to fulfill the College's foreign language requirement and thoroughly prepares them for advanced study of language and for literature courses taught in Italian. Specialized language courses allow students to develop their conversational skills.

For highly motivated students, the department offers intensive elementary and intensive intermediate Italian, both of which cover a full year of instruction in one semester. Courses in advanced Italian, although part of the requirements for a major or a concentration in Italian, are open to any qualified student whose main goal is to improve and perfect their competence in the language.

Outside the classroom, the Department of Italian organizes a weekly *Caffè e conversazione* where students at all levels can converse with fellow students and faculty members over Italian espresso and cookies. Students can also attend the *Serata al cinema*, Italian film viewings scheduled in the evening throughout the academic year, in which faculty and graduate students introduce each film and then conclude with a question and answer session. In addition, the student-run *Società Italiana* (culasocieta@gmail.com) organizes events such as pasta-making workshops, movie nights, and costume parties.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Italian Language exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3000-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Italian. Courses taught in English may not be used for language AP credit. The department grants 0 credits for a score of 4 on the AP Italian Language exam, but the foreign language requirement is satisfied.

CASA ITALIANA

A wide range of cultural programs are sponsored by the Italian Academy for Advanced Studies in America (<http://www.italianacademy.columbia.edu/>), located in Casa Italiana. These programs, which include the activities of the *Columbia Seminar on Modern Italian Studies* and the *Italian Academy Film Festival*, enrich the learning experience of the student and offer opportunities to meet distinguished Italian and Italian-American visitors to the University. The Paterno book collection is housed in Butler Library and contains valuable resources on Italian literature and culture.

For inquiries into the department and its undergraduate and graduate degrees offered, please contact 212-854-2308 or italian@columbia.edu.

LANGUAGE RESOURCE CENTER

The Language Resource Center (LRC) provides resources for intensive practice in pronunciation, diction, and aural comprehension of some twenty-five modern languages. LRC exercises are closely coordinated with the classroom's work.

Coordinated tape programs and on-line audio are available and mandatory for students registered in elementary and intermediate Italian language courses. Taped exercises in pronunciation and intonation, as well as tapes of selected literary works, are also available to all students in Italian courses.

ELECTRONIC CLASSROOMS

Language instruction courses meet at least once a week in a multimedia-equipped electronic classroom in order to facilitate exposure to Italian arts such as music, opera, and film, and for other pedagogical uses.

DEPARTMENTAL HONORS

Majors in Italian literature or Italian cultural studies who wish to be considered for departmental honors in Italian must: (1) have at least a 3.6 GPA in their courses for the major; and (2) complete a senior thesis or tutorial and receive a grade of at least A- within the context of the course ITAL UN3993 Senior Thesis/Tutorial. Normally no more than one graduating senior receives departmental honors in a given academic year.

PROFESSORS

Teodolinda Barolini, (*on leave Spring '20*)

Jo Ann Cavallo, Chair
Elizabeth Leake

ASSOCIATE PROFESSOR

Nelson Moe (Barnard)
Pier Mattia Tommasino

ASSISTANT PROFESSOR

Konstantina Zanou (*on leave 2019-20*)

SENIOR LECTURERS

Felice Italo Beneduce
Federica Franze
Maria Luisa Gozzi
Patrizia Palumbo
Carol Rounds (Hungarian)
Barbara Spinelli

LECTURERS

Alessandra Saggin

GUIDELINES FOR ALL ITALIAN MAJORS AND CONCENTRATORS

The courses in the Department of Italian are designed to develop the student's proficiency in all the language skills and to present the literary and cultural traditions of Italy. The program of study is to be planned as early as possible with the director of undergraduate studies. Students are advised to meet with the director of undergraduate studies each semester in order to obtain program approval.

For students with no knowledge of Italian, the required language course sequence is:

ITAL UN1101	Elementary Italian I
- ITAL UN1102	and Elementary Italian II
ITAL UN2101	Intermediate Italian I
- ITAL UN2102	and Intermediate Italian II

For students planning to enroll in Intensive Italian courses, a minimum of three semesters of Italian language instruction is required, such as:

ITAL UN1121	Intensive Elementary Italian
- ITAL UN2101	and Intermediate Italian I
- ITAL UN2102	and Intermediate Italian II
ITAL UN1101	Elementary Italian I
- ITAL UN1102	and Elementary Italian II
- ITAL UN2121	and Intensive Intermediate Italian
ITAL UN1121	Intensive Elementary Italian
- ITAL UN2121	and Intensive Intermediate Italian

And one of the following courses:

ITAL UN3335	Advanced Italian
ITAL UN3336	Advanced Italian II: Italian Language & Culture
ITAL UN3337	Advanced Italian Through Cinema

ITAL UN3338	Italiana. Introduction to Italian Culture, the High, the Low, and the In-between
ITAL UN3339	Learning Italian in Class and Online: A Telecollaboration with Italy.
ITAL UN3232	Senza frontiere. Lingua e cultura italiane dall'Ottocento ad oggi tra emigrazione ...
ITAL UN3645	Grand Tour in Italy

Italian language proficiency equivalent to the elementary and intermediate sequence may be demonstrated by the departmental placement test, offered before the start of every semester; with a score of 4 or 5 on the Advanced Placement Examination; or with a score of 780 or higher on the SAT II Subject Test in Italian.

As noted above, courses given entirely in English do not have linguistic prerequisites; students planning a major in Italian may enroll in such courses before completing the language prerequisite for the major or concentration.

MAJOR IN ITALIAN

Please read *Guidelines for all Italian Majors and Concentrators* above.

Requirements

The major in Italian literature requires a minimum of 30 points in Italian courses numbered above the intermediate level, i.e., above ITAL UN2121, to include the following:

Two semesters of Advanced Italian

ITAL UN3335	Advanced Italian
- ITAL UN3336	and Advanced Italian II: Italian Language & Culture

Two semesters of Italian Literature

ITAL UN3333	Introduction To Italian Literature, I
- ITAL UN3334	and Introduction To Italian Literature, II

- OR -

Two Semesters of Italian Culture

ITAL GU4502	Italian Cultural Studies I: From Unification to World War I
- ITAL GU4503	and Italian Cultural Studies II: From World War I to the Present

Additional Courses

Select at least two other courses from the department's GU4000-level courses.

In consultation with the director of undergraduate studies, the remaining courses may be selected from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian literature or culture.

ITAL UN3993	Senior Thesis/Tutorial (or another course in Italian literature or culture)
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Native speakers and students with superior proficiency (as demonstrated by a departmental exam) may replace the Advanced Italian sequence with six points of Italian literature courses of their choice.

Period Distribution

At least two courses that cover material before 1700 and two courses that cover material after 1700.

CONCENTRATION IN ITALIAN

Please read *Guidelines for all Italian Majors and Concentrators* above.

Requirements

The concentration in Italian literature requires a minimum of 24 points in Italian courses numbered above the intermediate level, i.e., above ITAL UN2121, to include the following:

Two semesters of Advanced Italian

ITAL UN3335	Advanced Italian
- ITAL UN3336	and Advanced Italian II: Italian Language & Culture
or ITAL UN3337	Advanced Italian Through Cinema
or ITAL UN3338	Italiana. Introduction to Italian Culture, the High, the Low, and the In-between

Two semesters of Italian Literature

ITAL UN3333	Introduction To Italian Literature, I
- ITAL UN3334	and Introduction To Italian Literature, II

- OR -

Two Semesters of Italian Culture

ITAL GU4502	Italian Cultural Studies I: From Unification to World War I
- ITAL GU4503	and Italian Cultural Studies II: From World War I to the Present

Additional Courses

Select at least two other courses from the department's GU4000-level courses.

In consultation with the director of undergraduate studies, the remaining courses may be selected from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian literature or culture.

ITALIAN COURSES

ITAL UN1101 Elementary Italian I. 4 points.

Limited enrollment.

Elementary level of Italian.

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Same course as ITAL V1101-V1102.

Fall 2019: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/55084	M T W Th 9:10am - 10:00am 507 Hamilton Hall	Laura DiNardo	4	12/16
ITAL 1101	002/55093	M T W Th 10:10am - 11:00am 507 Hamilton Hall	Giulia Ricca	4	7/16
ITAL 1101	004/55095	M T W Th 12:10pm - 1:00pm 507 Hamilton Hall	Louis Moffa	4	12/16
ITAL 1101	005/55086	M T W Th 1:10pm - 2:00pm 507 Hamilton Hall	Claudia Antonini	4	15/16
ITAL 1101	006/98249	T Th 12:10pm - 2:00pm 304 Hamilton Hall	Federica Franze	4	18/16
ITAL 1101	007/98248	M W 4:10pm - 6:00pm 509 Hamilton Hall	Anna Borgarello	4	9/17
ITAL 1101	008/98247	T Th 4:10pm - 6:00pm 511 Hamilton Hall	Angelica Modabber	4	13/16

Spring 2020: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/12710	M W Th 8:40am - 9:55am Room TBA	Felice Beneduce	4	16/16
ITAL 1101	002/12713	T Th F 10:10am - 11:25am Room TBA	Isabella Livorni	4	10/16
ITAL 1101	003/12716	M W 6:10pm - 8:00pm Room TBA	Alessandra Saggin	4	17/20
ITAL 1101	004/34822	M W 6:10pm - 8:00pm Room TBA	Massimiliano4 Delfino	4	5/16

ITAL UN1102 Elementary Italian II. 4 points.

Limited enrollment.

Prerequisites: *ITAL UN1101* or the equivalent.,*ITAL V1101* or the equivalent.

Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

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Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

Fall 2019: ITAL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/55085	M W Th 8:40am - 9:55am 509 Hamilton Hall	Felice Beneduce	4	11/16
ITAL 1102	002/55096	T Th F 10:10am - 11:25am 509 Hamilton Hall	Isabella Livorni	4	3/16

Spring 2020: ITAL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 1102	001/12720	M T W Th 9:10am - 10:00am Room TBA	Laura DiNardo	4	10/16
ITAL 1102	002/12721	M T W Th 10:10am - 11:00am Room TBA	Giulia Ricca	4	6/16
ITAL 1102	004/12723	M T W Th 12:10pm - 1:00pm Room TBA	Louis Moffa	4	12/16
ITAL 1102	005/12724	M T W Th 1:10pm - 2:00pm Room TBA	Claudia Antonini	4	15/16
ITAL 1102	006/12725	T Th 12:10pm - 2:00pm Room TBA	Federica Franze	4	15/18
ITAL 1102	007/12727	M W 4:10pm - 6:00pm Room TBA	Anna Borgarello	4	13/16
ITAL 1102	008/12728	T Th 4:10pm - 6:00pm Room TBA	Angelica Modabber	4	10/16

ITAL UN1121 Intensive Elementary Italian. 6 points.

Limited enrollment.

An intensive course that covers two semesters of elementary Italian in one, and prepares students to move into Intermediate Italian. Students will develop their Italian communicative competence through listening, (interactive) speaking, reading and (interactive) writing. The Italian language will be used for real-world purposes and in meaningful contexts to promote intercultural understanding. This course is especially recommended for students who already know another Romance language. May be used toward fulfillment of the language requirement.

Fall 2019: ITAL UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/98222	T Th F 12:10pm - 2:00pm 511 Hamilton Hall	Barbara Spinelli	6	8/16

Spring 2020: ITAL UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/19789	T Th F 12:10pm - 2:00pm Room TBA	Barbara Spinelli	6	10/16

ITAL UN2101 Intermediate Italian I. 4 points.

Limited enrollment.

Prerequisites: *ITAL UN1102* or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.,*ITAL V1102* or *W1102*, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged.

Fall 2019: ITAL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2101	001/55097	M W Th 8:40am - 9:55am 511 Hamilton Hall	Alejandro Cuadrado	4	7/16
ITAL 2101	002/55100	M W Th 10:10am - 11:25am 511 Hamilton Hall	Tylar Colleluori	4	5/16
ITAL 2101	003/55098	T Th F 11:40am - 12:55pm 404 Hamilton Hall	Andrew Wyatt	4	7/8
ITAL 2101	004/55099	T Th F 1:10pm - 2:25pm 502 Northwest Corner	Catherine Bloomer	4	5/16
ITAL 2101	005/98216	M W 4:10pm - 6:00pm 507 Hamilton Hall	Luca Naponiello	4	11/16
ITAL 2101	006/98212	T Th 4:10pm - 6:00pm 507 Hamilton Hall	Patrizia Palumbo	4	7/16

Spring 2020: ITAL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2101	001/12732	M W 12:10pm - 2:00pm Room TBA	Alessandra Saggin	4	5/16
ITAL 2101	002/12733	T Th F 10:10am - 11:25am Room TBA	Marco Sartore	4	5/16

ITAL UN2102 Intermediate Italian II. 4 points.

Limited enrollment.

Prerequisites: *ITAL UN1201* or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.,*ITAL V1201* or *W1201*, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged. ITAL UN1202 fulfills the basic foreign language requirement and prepares students for advanced study in Italian language and literature.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged. ITAL V1202 fulfills the basic foreign

language requirement and prepares students for advanced study in Italian language and literature.

Fall 2019: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	001/98180	M W 12:10pm - 2:00pm 511 Hamilton Hall	Alessandra Saggin	4	14/16
ITAL 2102	002/98178	T Th F 10:10am - 11:25am 502 Northwest Corner	Marco Sartore	4	2/16

Spring 2020: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	001/12734	M W Th 8:40am - 9:55am Room TBA	Alejandro Cuadrado	4	5/16
ITAL 2102	002/12735	M W Th 10:10am - 11:25am Room TBA	Tylar Colleluori	4	7/16
ITAL 2102	003/12736	T Th F 11:40am - 12:55pm Room TBA	Andrew Wyatt	4	5/16
ITAL 2102	004/12737	T Th F 1:10pm - 2:25pm Room TBA	Catherine Bloomer	4	6/16
ITAL 2102	005/12739	M W 4:10pm - 6:00pm Room TBA	Luca Naponiello	4	15/16
ITAL 2102	006/12740	T Th 4:10pm - 6:00pm Room TBA	Patrizia Palumbo	4	8/16

ITAL UN2121 Intensive Intermediate Italian. 6 points.

Limited enrollment.

Prerequisites: ITAL UN1102 or the equivalent, with a grade of B+ or higher.

An intensive course that covers two semesters of Intermediate Italian in one, and prepares students for advanced language and literature study. grammar, reading, writing, and conversation. Exploration of literary and cultural materials. This course may be used to fulfill the basic foreign language requirement.

Fall 2019: ITAL UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2121	001/55102	M T Th 12:10pm - 2:00pm 509 Hamilton Hall	Maria Luisa Gozzi	6	7/16

Spring 2020: ITAL UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2121	001/12742	M T Th 12:10pm - 2:00pm Room TBA	Maria Luisa Gozzi	6	10/16

ITAL UN2221 Intermediate Conversation. 2 points.

Prerequisites: *ITAL W1112* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V1201-V/W1202* or *ITAL W1201-W1202*.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. Intensive practice in the spoken language, assigned topics for class discussions, and oral reports.

ITAL UN1222 Intermediate Conversation II. 2 points.

Prerequisites: *ITAL W1221* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V1201-V/W1202* or *ITAL W1201-W1202*.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. Intensive practice in the spoken language, assigned topics for class discussions, and oral reports.

Spring 2020: ITAL UN1222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1222	001/12730	T Th 10:10am - 11:25am Room TBA	Barbara Spinelli	2	4/16

ITAL UN3311 Advanced Conversation. 2 points.

Prerequisites: *ITAL UN2222* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V3335x-V3336y*.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. Practice in the spoken language through assigned topics on contemporary Italian culture.

ITAL UN1312 Advanced Conversation II. 2 points.

Prerequisites: *ITAL UN2102* or sufficient fluency to satisfy the instructor.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. This course is designed for students who have attended four semesters of Italian language, mastered the grammatical structure of the language and are ready to expand and enlarge their language skills. A particular emphasis will be put on oral production, on listening and on reading: in class and at home the students will analyze various kinds of text and genres. In-class time is dedicated to speaking and practicing Italian through a combination of group-based and individual activities, focusing on a wide range of contemporary cultural themes through the use of varied materials such as newspaper articles, advertising material and short film clips. We will focus also on grammatical structures, language functions and activities to expand the vocabulary

Spring 2020: ITAL UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1312	001/12731	T Th 6:10pm - 7:25pm Room TBA	Patrizia Palumbo	2	4/16

ITAL UN3333 Introduction To Italian Literature, I. 3 points.

Prerequisites: Intermediate Italian II *ITAL UN2102* or the equivalent.

UN3334x-UN3333y is the basic course in Italian literature.

UN3333: This course, entirely taught in Italian, introduces you to Medieval and early modern Italian literature. It will give you the opportunity to test your ability as a close-reader and discover unusual and fascinating texts that tell us about the polycentric richness of the Italian peninsula. We will read poems, tales, letters, fiction and non-fiction, travel writings and political pamphlets. The great "Three Crowns" - Dante, Petrarca and Boccaccio - as well as renowned Renaissance authors such as Ludovico Ariosto and Niccolò Machiavelli, will show us the main path to discover Italian masterpieces and understand the European Renaissance. But we will also explore China with Marco Polo and the secrets of the Medieval soul diving into the mystical poems by Jacopone da Todi. We will study parody and laughter through the "poesia giocosa" (parodic poetry) by Cecco Angiolieri and the legacy of Humanism through the letters of Poggio Bracciolini. This first overview will allow you to explore Italian literature from its complex and multicultural beginnings to its diffusion across Europe during the Renaissance.

Fall 2019: ITAL UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3333	001/98159	M W 11:40am - 12:55pm 201a Philosophy Hall	Steven Baker	3	12/18

ITAL UN3334 Introduction To Italian Literature, II. 3 points.

Prerequisites: *ITAL UN2102* or the equivalent.

UN3334-UN3333 is the basic course in Italian literature.

UN3334: Authors and works from the Cinquecento to the present. Taught in Italian.

Spring 2020: ITAL UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3334	001/12743	M W 11:40am - 12:55pm Room TBA	Steven Baker	3	8/25

ITAL UN3335 Advanced Italian. 3 points.

Prerequisites: *ITAL UN2102* or the equivalent. If you did not take *Intermediate Italian at Columbia in the semester preceding the current one*, you must take the placement test, offered by the Italian Department at the beginning of each semester.

Written and oral self-expression in compositions and oral reports on a variety of topics; grammar review. Required for majors and concentrators.

Fall 2019: ITAL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3335	001/98245	T Th 10:10am - 11:25am 313 Hamilton Hall	Federica Franze	3	12/16

Spring 2020: ITAL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 3335	001/12744	M W 10:10am - 11:25am Room TBA	Felice Beneduce	3	10/16
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ITAL UN3336 Advanced Italian II: Italian Language & Culture. 3 points.

Prerequisites: ITAL V3335

Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester theme varies.

Spring 2020: ITAL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3336	001/12745	T Th 10:10am - 11:25am Room TBA	Federica Franze	3	6/16

ITAL UN3337 Advanced Italian Through Cinema. 3 points.

Prerequisites: ITAL UN3335

Students will develop advanced language competence while analyzing and discussing Italian film comedies and their reflection of changing Italian culture and society. Films by Monicelli, Germi, Moretti, Wertmüller, Soldini and others.

Fall 2019: ITAL UN3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3337	001/55092	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Patrizia Palumbo	3	2/16

Spring 2020: ITAL UN3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3337	001/12746	T Th 4:10pm - 5:25pm Room TBA	Maria Luisa Gozzi	3	7/16

ITAL UN3339 Learning Italian in Class and Online: A Telecollaboration with Italy. 3 points.

Prerequisites: (ITAL UN2102) ITAL UN2102 or the equivalent. If you did not take Intermediate Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

The aim of the course is the intensive practice in the spoken and written language, through topics on current cultural issues assigned for in class and online discussions. Students will learn about current events through a varied selection of written and visual texts such as newspaper articles, authentic videos and in-person interviews. There will be an extensive work on vocabulary and grammar review. The course will be integrated by an online section, which will allow students to engage with the language and the topics selected, also outside of class. In particular, during the second half of the semester, we will partner with the students of a Master's program in "Teaching Italian to foreigners" at an Italian University, for an unique online exchange program.

At the end of the course, students will have acquired a deeper knowledge of Italian contemporary life and culture, and improved both their written and oral communication skills, within specific socio-pragmatic areas.

Italian is the language of instruction and the use of English is not permitted in class nor during the online lessons.

ITAL UN3642 Road Trips: Travel in Italian Cinema. 3 points.

Explores the representation of national identity in Italian cinema from the Fascist era to the present. Examines how both geography and history are used to construct an image of Italy and the Italians. Special focus on the cinematic representation of travel and journeys between North and South. Films by major neo-realist directors (Rossellini, De Sica, Visconti) as well as by leading contemporaries (Moretti, Amelio).

ITAL UN3645 Grand Tour in Italy. 3 points.

Prerequisites: Note: Italian is the language of instruction.

Course Description

This course proposes a virtual tour of the country's most famous sites, looking at the ways in which what is local and peculiar, diverse and marginal, contributes its distinctive style and character to the overall unity and uniqueness of Italy. Each week we consider a different aspect of Italy's richness and variety: from the evolution of its language/s and dialects to its humor; its art and landscapes; the music from ancient times to current pop songs; its cinema and web serials, its cuisine, the contributions of migrants, and much more.

The course is highly interdisciplinary and will assist students in the development of their linguistic and cultural skills, while tracing the origins of most mainstream Italian cultural phenomena, and imparting an awareness of modern Italy's multiculturalism.

CLIA GU3660 Mafia Movies: From Sicily to The Sopranos. 3 points.

Examines representations of the mafia in American and Italian film and literature. Special attention to questions of ethnic identity and immigration. Comparison of the different histories and myths of the mafia in the U.S. and Italy. Readings includes novels, historical studies, and film criticism. Limit 35

Spring 2020: CLIA GU3660

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLIA 3660	001/00191	W 6:10pm - 10:00pm Room TBA	Nelson Moe	3	19/20

ITAL UN3993 Senior Thesis/Tutorial. 3 points.

Prerequisites: the faculty adviser's permission.

Senior thesis or tutorial project consisting of independent scholarly work in an area of study of the student's choosing, under the supervision of a member of the faculty.

Fall 2019: ITAL UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	002/98170		Teodolinda Barolini	3	1/10
ITAL 3993	003/98168		Elizabeth Leake	3	0/10

ITAL 3993 004/55090 Jo Ann 3 0/10

Cavallo

ITAL 3993 006/55091 Pier Mattia 3 0/10

Tommasino

Spring 2020: ITAL UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 3993	003/12748		Elizabeth Leake	3	0/5
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ITAL 3993	004/12749		Jo Ann Cavallo	3	0/5
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ITAL 3993	006/12750		Pier Mattia Tommasino	3	0/5
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ITAL GU4019 TOPICS in MICROHISTORY. 3 points.

In the 1970s and 1980s a group of young Italian historians transformed the methods of historical inquiry and narrative. This class explores the origins, the diffusion, as well as the debate around Italian Microhistory across Europe and the United States. In particular, we will focus on “cultural” and “social” Microhistory and its evolution in Italy, France, and the US. We will read masterpieces such as Carlo Ginzburg’s *The Cheese and the Worms*, as well as Nathalie Zemon Davis’s *The Return of Martin Guerre*. Also, we will analyze the current application of microhistorical methods to contemporary global history and the genre of biography. Topics include pre-modern popular culture and literacy, minority and marginality, the Inquisition, individual and collective identities, and the relation between the pre-modern Mediterranean, Europe and the world. *In Italian*.

Spring 2020: ITAL GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 4019	001/25027	W 2:10pm - 4:00pm 501 Hamilton Hall	Pier Mattia Tommasino	3	5/25
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ITAL GU4022 The Qur'an in Europe. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Is the Qur'an translatable? Was the Qur'an translated? Are non Arabic-speaking Muslims allowed to translate the Qur'an? And what about non-Muslims? Did Muslims and non-Muslims collaborate in translating the text of the Qur'an into Latin and European vernaculars? This course focuses on the long history of the diffusion of the Qur'an, the Scripture of the Muslims, and one of the most important texts in the history of humanity. We will focus on reading and translation practices of the Qur'an in Europe and the Mediterranean, from the Middle Ages to the contemporary world. We will explore how European Muslims, such as Iberian *moriscos*, European Jews, as well as Orthodox, Protestants and Catholics read, copied, collected, translated and printed the Qur'an. We will also explore why the Qur'an was confuted, forbidden, burned and even eaten, drunk and worn along eight centuries of the history of Europe. This long excursus, based on a close reading of the Qur'an and on the discussion of the major themes this close reading proposes, will help us to understand the role of Islam and its revelation in the formation of European societies and cultures.

ITAL GU4043 Italian Renaissance Literature and Culture. 3 points.

This course on Italian Renaissance literature and culture will pay special attention to the crossing of boundaries, whether socio-cultural, religious, linguistic, gendered, ethnic, or strictly geographical, in a range of fourteenth- to early seventeenth-century texts in a variety of genres, including travelogue, chivalric epic poetry, comedy, dialogues, and the novella, as well as political, philosophical, and scientific writing. Authors covered include Marco Polo, Leonardo Bruni, Pico della Mirandola, Boiardo, Ariosto, Machiavelli Castiglione, Beolco, Giraldo Cinzio, Tasso, Moderata Fonte, Tarabotti, and Galileo. *In English*.

Fall 2019: ITAL GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4043	001/55081	M 2:10pm - 4:00pm 201a Philosophy Hall	Jo Ann Cavallo	3	5/25

ITAL GU4055 Anthropology of Contemporary Italy: Pluralism, Creativity and Identity. 3 points.

This seminar examines ways in which Italy is understood and represented by Italians and non-Italians. It will analyze the formation of multiple discourses on Italy, how Italian culture and society are imagined, represented and/or distorted. Based on an anthropological perspective, this course will examine ways in which we can understand Italy through the intersections of pluralism, ethnicity, gender, and religion. The course will study how Italy strives for political and economic unity, while there is a concurrent push toward inequality, exclusion, and marginalization. Moreover, the course will analyze the revitalization of nationalism on one hand of regionalism on the other, and will focus on the concepts of territory, identity, and tradition. Short videos that can be watched on computer and alternative readings for those fluent in Italian will be assigned. There are no pre-requisites for this course.

Spring 2020: ITAL GU4055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4055	001/12753	M 2:10pm - 4:00pm Room TBA	Barbara Faedda	3	8/25

ITAL GU4185 The Making of Italy: The Risorgimento in Global Context. 3 points.

Prerequisites: Knowledge of Italian is necessary for this course. This course will examine the history of the Italian Risorgimento by following the major historiographical trends of the recent decades. First, it will approach the Risorgimento through the prism of cultural and intellectual history by investigating a series of topics, such as the discursive patterns of the ‘Risorgimento canon’, the gendered tropes of nationalism, the creation of a new public sphere through operas, festivals and plebiscites, the connection of nationalism with religion, and the relation of empire to nation and liberalism. Second, it will look at the Risorgimento through the eyes of local and regional history by examining local patriotisms, revolutions and civil wars and the division between North and South. Finally, it will offer a new topography of Italian history by

placing the Risorgimento in its Mediterranean and global context and by exploring its international aspects: the global icons that it produced (i.e. Garibaldi, Mazzini); the networks of exiles in other Mediterranean and European countries; the war volunteers; and the connection of Italian patriots with the wave of liberalism and revolution that swept the globe from India to Latin America.

ITAL GU4057 ANTHROPOLOGY OF ITALIAN FOOD, FASHION, & DESIGN. 3 points.

Not offered during 2019-20 academic year.

This colloquium examines the many meanings of food, fashion, designs, trends, and style, especially in Italian culture and tradition; how values and peculiarities are transmitted, preserved, reinvented, and rethought through a *lens* that is internationally known as "Made in Italy"; how the symbolic meanings and ideological interpretations are connected to creation, production, and consumption of goods. Based on an anthropological perspective and framework, this interdisciplinary course will analyze ways in which we can understand the 'Italian style' through the intersections of many different levels: political, economic, aesthetic, symbolic, religious, etc. The course will study how fashion, food, and design can help us understand the ways in which tradition and innovation, creativity and technology, localism and globalization, identity and diversity, power and body, are elaborated and interpreted in contemporary Italian society, in relation to the European context and a globalized world.

Short videos that can be watched on the computer and alternative readings for those fluent in Italian will be assigned.

ITAL GU4086 Castiglione and the Italian Renaissance Court. 3 points.

Focus on Castiglione's Book of the Courtier as educational treatise, philosophical meditation, sociopolitical document, and book of courtly manners; other courtly writings of the period, from Della Casa's Galateo to Ariosto's Satires to Bembo's Asolani. Lectures in English; text in Italian, although comparative literature students who can follow with the help of translations are welcome.

ITAL GU4109 Writing the Self: the Tradition of Autobiography in Italy, 19th-20th Centuries. 3 points.

Against the backdrop of the heated critical debate on the boundaries and limitations of the autobiographical genre, this course addresses the modern and contemporary tradition of autobiographical writings, focusing in particular (but not exclusively) on exploring and positing the potential difference between male and female autobiographers. More specifically, we will question the adequacy of the traditional model of autobiographical selfhood based on the assumption of unified, universal, exemplary and transcendent self to arrive at an understanding of women's autobiography. Topics to be addressed include: the crisis of the subject, "je est un autre", the "man" with a movie camera, strategies of concealment and disclosures. Authors to be studied include: D'Annunzio, Pirandello, Svevo, Fellini, Moretti, Ortese, Ginzburg, Manzini, Cialente, Ramondino. *In Italian*

Spring 2020: ITAL GU4109

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4109	001/12754	M 4:10pm - 6:00pm 501 Hamilton Hall	Elizabeth Leake	3	8/25

ITAL GU4420 The Window On the World: Reassessing Italian Neorealism. 3 points.

Not offered during 2019-20 academic year.

Roberto Rossellini, Vittorio De Sica, Luchino Visconti and other Italian filmmakers challenged modes of film production in vogue in the 1940s and 1950s, both in theoretical and practical terms. This course will analyze both the feature films and the theoretical writings of such directors as those mentioned and others, in order to investigate the modes of representation of reality in the immediate postwar years, their relation to the identity of the newborn Italian Republic, and their significance in post-WWII filmmaking. All readings and lectures in English; Films in Italian or French, with English subtitles.

CLIA GU4021 The Age of Romanticism Across the Adriatic. 3 points.

Prerequisites: Knowledge of Italian desirable but not necessary. This interdisciplinary seminar will study Romanticism as a literary trend, as much as a historical phenomenon and a life attitude. Romanticism is viewed here as the sum of the different answers to the sense of insecurity, social alienation and loneliness, provoked by the changing and frail world of the end of the eighteenth and the beginning of the nineteenth century. We will investigate the Romantic ideology in relation to the trans-Adriatic world of Italy and Greece, an area that entered modernity with the particular lure and burden of antiquity, as well as through revolutionary upheaval. Students will be invited to read authors like Vittorio Alfieri, Ugo Foscolo, Silvio Pellico, Giacomo Leopardi, Alessandro Manzoni, Massimo d'Azeglio, and to reflect on themes such as Nostalgia and Nationalism, the Discovery of the Middle Ages, the Historical Novel, the Invention of Popular Tradition, the Fragmented Self, Autobiographical and Travel Writing, the Brigand Cult, Hellenism, Philhellenism, Orientalism and Balkanism, and others.

ITAL GU4502 Italian Cultural Studies I: From Unification to World War I. 3 points.

An interdisciplinary investigation into Italian culture and society in the years between Unification in 1860 and the outbreak of World War I. Drawing on novels, historical analyses, and other sources including film and political cartoons, the course examines some of the key problems and trends in the cultural and political history of the period. Lectures, discussion and required readings will be in English. Students with a knowledge of Italian are encouraged to read the primary literature in Italian.

Fall 2019: ITAL GU4502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4502	001/08690	T Th 10:10am - 11:25am	Nelson Moe	3	5/25

LI018 Milstein
Center

ITAL GU4503 Italian Cultural Studies II: From World War I to the Present. 3 points.

An interdisciplinary investigation into Italian culture and society in the years between World War I and the present. Drawing on historical analyses, literary texts, letters, film, cartoons, popular music, etc., the course examines some of the key problems and trends in the cultural and political history of the period. Lectures, discussion and required readings will be in English. Students with a knowledge of Italian are encouraged to read the primary literature in Italian.

Spring 2020: ITAL GU4503

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4503	001/00189	T Th 10:10am - 11:25am Room TBA	Nelson Moe	3	5/40

HUNGARIAN COURSES

HNGR UN1101 Elementary Hungarian I. 4 points.

Introduction to the basic structures of the Hungarian language. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours.

Fall 2019: HNGR UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1101	001/98242	T Th 9:45am - 11:35am 352 International Affairs Bldg	Carol Rounds	4	7/20

HNGR UN1102 Elementary Hungarian II. 4 points.

Introduction to the basic structures of the Hungarian language. With the instructor's permission the second term of this course may be taken without the first. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours.

Spring 2020: HNGR UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1102	001/12686	T Th 9:45am - 11:25am Room TBA	Carol Rounds	4	1/18

HNGR UN2101 Intermediate Hungarian I. 4 points.

Prerequisites: *HNGR UN1101-UN1102* or the equivalent. Further develops a student's knowledge of the Hungarian language. With the instructor's permission the second term of this course may be taken without the first. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours.

Fall 2019: HNGR UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HNGR 2101	001/55101	T Th 2:10pm - 4:00pm 518 Hamilton Hall	Carol Rounds	4	1/20
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HNGR UN2102 Intermediate Hungarian II. 4 points.

Prerequisites: *HNGR UN1101-UN1102* or the equivalent. Further develops a student's knowledge of the Hungarian language. With the instructor's permission the second term of this course may be taken without the first. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours.

Spring 2020: HNGR UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 2102	001/12689	T Th 2:10pm - 4:00pm 518 Hamilton Hall	Carol Rounds	4	1/18

HNGR UN3340 Advanced Hungarian Grammar. 3 points.

Prerequisites: *HNGR UN2101* or the equivalent. *Advanced Hungarian Grammar* focuses on the more complex syntactic/semantic constructions of Hungarian in addition to vocabulary enrichment. Readings in literature, oral presentations, translations, and essays serve to enhance the grammatical material.

HNGR UN3341 Advanced Hungarian II. 3 points.

Prerequisites: HNGR UN2101 - HNGR UN2102 and HNGR UN3340, or the equivalent.

This course has an emphasis on rapid and comprehensive reading of academic materials. In addition to weekly readings, oral presentations and written essays serve to improve fluency in all aspects of Hungarian.

HNGR UN3343 Hungarian Descriptive Grammar. 3 points.

This course is designed for those curious about the structure of Hungarian - an unusual language with a complex grammar quite different from English, or, indeed, any Indo-European language. The study of Hungarian, a language of the Finno-Ugric family, offers the opportunity to learn about the phonology of vowel harmony, the syntax of topic-comment discourse, verb agreement with subjects and objects, highly developed case systems and possessive nominal paradigms. In addition to its inflectional profile, Hungarian derivation possibilities are vast, combinatory, and playful. During the semester we will touch upon all the important grammatical aspects of Hungarian and discuss them in relation to general linguistic principles and discourse, and finally, through some text analysis, see them in action. Although the primary discussion will center on Hungarian, we will draw on comparisons to other Finno-Ugric languages, most notably Finnish and Komi; students are encouraged to draw on comparisons with their own languages of interest. No prerequisite. Counts as Core Linguistics.

Spring 2020: HNGR UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/12708	Th 4:10pm - 5:25pm 501 Hamilton Hall	Carol Rounds	3	6/18

HNGR 001/12708 T 4:10pm - 5:25pm Carol 3 6/18
3343 518 Hamilton Hall Rounds

JAZZ STUDIES

The Center for Jazz Studies: Prentiss Hall, 4th floor (632 W. 125th Street); 212-851-9270
<http://www.columbia.edu/cu/cjs> (<http://www.columbia.edu/cu/cjs/>)

Jazz at Columbia:

<https://mpp.music.columbia.edu/louis-armstrong-jazz-performance-program> (<https://mpp.music.columbia.edu/louis-armstrong-jazz-performance-program/>)

Director: Prof. Robert G. O'Meally, 611 Philosophy;
212-851-9270; rgo1@columbia.edu

Director of Jazz Performance: Prof. Christopher Washburne,
619A Dodge; 212-854-9862; cjw5@columbia.edu

Program Administrator: Yulanda Mckenzie, 602 Philosophy;
212-851-9270; ym189@columbia.edu

The special concentration in jazz studies is an interdisciplinary liberal arts course of study that uses jazz music—and the jazz culture from which the music emanated—as a prism through which to study jazz culture during what might be termed the long jazz century, the Sprawling 20's. The curriculum in this new field guides students in developing a firm grounding in the traditions and aesthetic motives of jazz music, viewed through the perspectives of music history and ethnomusicology as well as literary theory and cultural studies.

The program also explores in depth the development of jazz-oriented art works in the music's sister arts—literature, dance, painting, photography, and film. While a U.S. focus is highly appropriate, considering the many ways in which jazz is a definitive music of this nation, students also explore jazz's geographical history beyond these shorelines, including complex, ongoing interactions with Africa, the Caribbean, Europe, and Asia.

The special concentration in jazz studies is designed for music majors as well as for those majoring in other fields. The main difference between music majors and non-music majors is that while music majors take advanced courses in arranging, composition, and transcription, non-music majors are required to take an introduction to music fundamentals.

While there are some fields where the fit with jazz studies is very obvious—music, American studies, African-American studies, English, comparative literature, and history—special concentrators can major in any field whatsoever. Is there a jazz or improvisatory philosophy? What might be its relation to studies of aesthetics or American pragmatism? And what are jazz's implications for the student of law? How does one protect the intellectual property rights of an improvised jazz solo? What about business? What

economic and political forces have shaped jazz? Who buys jazz? What is its audience? What is a jazz painting? A jazz novel? What is jazz poetry? What is jazz dance? What is a jazz film? What are the sources and meanings of art? What work does the music do for the whole community?

Along with problems of musical history, form, and definition, our special courses explore jazz as a culture. Students not only study individual jazz artists but also explore the immeasurably variegated worlds through which such artists moved, and which they helped to shape. As cultural historians-in-training—focused on questions of nationality, race, sexuality, gender, economics, and politics—students explore the extraordinarily complicated terrains of the New Orleans of Bunk Johnson, for example, or the Baltimore of Billie Holiday (born in Philadelphia, reared in Baltimore). They explore such artists' other geographical travels. What did their images, including mistaken conceptions of who they were, tell us about the cultures that mythologized them?

How did these jazz musicians influence not only musicians but other artists of their era and milieu: the poets and novelists, painters and sculptors, photographers and filmmakers, dancers and choreographers who regularly heard them play and often shared with them a sense of common project?

One thinks of Tito Puente, working with singers and dancers at the Palladium; Jackson Pollack dancing to the music as he spun drips of paints on canvasses placed on the studio floor; Langston Hughes writing detailed instructions to the musicians he hoped would accompany performance of his poetry; Romare Bearden's beautifully turned stage and costume designs for Alvin Ailey and Dianne McIntyre, whose improvisatory jazz dance workshop was called Sound in Motion; the drummer Jo Jones in an interview naming as key influences a series of tap dancers he admired; Stanley Crouch, stirring in his high-powered essays in a room where jazz drums stand at the center, the old dream-kit inspiration; Ralph Ellison, who kept in touch with his beginnings as a musician in Oklahoma City through hour-long conversations with his childhood friend, the singer Jimmy Rushing; Toni Morrison reading her magical prose to improvisations by Max Roach and the dancer Bill T. Jones; and the pianist Jason Moran playing at the Studio Museum in Harlem, where he introduced his group as including Beauford Delany, whose paintings hung on the wall near the bandstand—vigorous all and recall across the art forms.

Perhaps above all, the special concentration in jazz studies is designed to prepare students to be well-prepared and flexible improvisers in a universe of change and possibility.

INTERDEPARTMENTAL COMMITTEE ON JAZZ STUDIES

Ann Douglas (English and Comparative Literature)
Brent Hayes Edwards (English and Comparative Literature)
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 Mathiesen
Tony Moreno
Ugonna Okegwa
Adriano Santos
Don Sickler
Leo Traversa
Ben Waltzer

GUIDELINES FOR ALL JAZZ STUDIES SPECIAL CONCENTRATORS

Students interested in a special concentration in jazz studies should speak with the director no later than the fall semester of the sophomore year.

In addition to the requirements of the special concentration, students must complete a major or a full concentration. Students interested in declaring a special concentration in jazz studies will be assigned an adviser. The program of study is to be planned with the adviser as early as possible.

SPECIAL CONCENTRATION IN JAZZ STUDIES

Please read *Guidelines for all Jazz Studies Special Concentrators* above.

The special concentration in jazz studies requires a total of seven courses (22 points minimum), distributed as follows:

Requirements for Non-Music Majors/Concentrators

ENGL GU4612	Jazz and American Culture
MUSI UN2016	Jazz
MUSI UN1002	Fundamentals of Music
Three interdisciplinary courses as approved by the director	
A senior independent study project	

Requirements for Music Majors/Concentrators

ENGL GU4612	Jazz and American Culture
MUSI UN2016	Jazz
MUSI GU4505	Jazz Arranging and Composition

MUSI GU4500	Jazz Transcription and Analysis
MPP UN1541	Columbia University Jazz Ensemble
Private music lessons (strongly recommended but not required)	
Three interdisciplinary courses as approved by the director	
A senior independent study project	

JAZZ GU4900 Jazz and the Literary Imagination. 3 points.

(Lecture). This course will focus on the ways that jazz has been a source of inspiration for a variety of twentieth-century literatures, from the blues poetry of the Harlem Renaissance to contemporary fiction. We will consider in detail the ways that writers have discovered or intuited formal models and political implications in black music. Rather than simply assume that influence only travels in one direction, we will also take up some literary efforts (including autobiography, poetry, historiography, and criticism) by musicians themselves. What are the links between musical form and literary innovation? How can terms of musical analysis (improvisation, rhythm, syncopation, harmony) be applied to the medium of writing? How does music suggest modes of social interaction or political potential to be articulated in language? How does one evaluate the performance of a poem (in an oral recitation or musical setting) in relation to its text? Materials may include writings and recordings by Jacques Attali, James Weldon Johnson, Langston Hughes, Louis Armstrong, Zora Neale Hurston, Sterling Brown, Kurt Schwitters, Ralph Ellison, Amiri Baraka, Ella Fitzgerald, William Melvin Kelley, Edward Kamau Brathwaite, Gayl Jones, Michael Ondaatje, Ed Pavlic, Joseph Jarman, Nathaniel Mackey, and Harryette Mullen, among others. Requirements: weekly response papers, a 5-7 pg. midterm paper and a 9-12 pg. final paper.

JAZZ GU4920 Jazz and Cinema. 3 points.

Because the beginnings of jazz and film both date to the last years of the nineteenth century, the two art forms essentially grew up together. The history of both is inseparable from the technological revolutions of the twentieth century, and at least in the United States, from histories of racial representation. We will explore the racial issues raised by American films along with how filmmakers represent gender, American humor, discourses of art and the popular, and the conventions of narrative. We will pay special attention to how all of this changes dramatically throughout the twentieth and early twenty-first centuries. After establishing what is most American about jazz and cinema, we will move on to documentary films as well as to films from Europe where many of the dominant American myths about jazz are both perpetuated and transformed. The goal of the course is to understand jazz as a music as well as a cultural practice that has been in constant flux during the last 120 years. The representation of the music and its practitioners in cinema is crucial to an understanding of the music at each of its many cultural moments.

OF RELATED INTEREST

African American Studies

AFAS UN3030	African-American Music
AFAS UN3930	Topics in the Black Experience

Dance (Barnard)

DNCE BC1247	Jazz, I: Beginning
- DNCE BC1248	and Jazz, I: Beginning
DNCE BC1445	Tap, I: Beginning
- DNCE BC1446	and Tap, I: Beginning
DNCE BC2248	Jazz, II: Intermediate
- DNCE BC2249	and Jazz, II: Intermediate
DNCE BC2447	Tap, II: Intermediate
- DNCE BC2447	and Tap, II: Intermediate

English and Comparative Literature

ENGL GU4621	Harlem Renaissance
ENGL GU4612	Jazz and American Culture

Music

MPP UN1541	Columbia University Jazz Ensemble
MUSI UN2016	Jazz
MUSI UN2020	Salsa, Soca, and Reggae: Popular Musics of the Caribbean
MUSI GU4500	Jazz Transcription and Analysis
MUSI GU4505	Jazz Arranging and Composition
MUSI GU4507	The New Thing: Jazz 1955-1980
MUSI GU4540	Histories of Post-1960's Jazz

JEWISH STUDIES

Program Office: Institute for Israel and Jewish Studies, 617 Kent Hall; 212-854-2581; <http://www.iijs.columbia.edu/>

Program Director: Prof. Elisheva Carlebach, 505 Fayerweather; 212-854-5294; ec607@columbia.edu

Assistant Director: Dana Kresel, 619 Kent Hall; 212-854-4006; drk2106@columbia.edu

The academic discipline of Jewish studies is an interdisciplinary field centered on the analysis and investigation of Jewish history, religion, language, and literature. The discipline ranges from the study of Jews and Judaism in antiquity to the present day. It explores Judaism not only as a religion, but as a civilization and culture.

A special concentration in Jewish studies is available for undergraduates and allows students to draw upon classes in a wide range of departments across the University, including History; Sociology; Middle Eastern, South Asian, and African Studies; Germanic Languages and Literature; and Religion. The requirements for the special concentration are designed to provide students with the interdisciplinary knowledge necessary to study Jewish civilization both broadly and deeply.

The roots of Judaism lie deeper than one region, gender, language, or culture; and by studying the interconnectedness of these areas, the depth of understanding across a range of spheres and disciplines greatly increases. The special concentration in Jewish studies enhances the current scholarly programs, adding to current Jewish studies courses' vitality as students come to each course with a deeper understanding and background based on their complementary coursework.

Students wishing to complete a special concentration in Jewish studies work with a program adviser to decide upon course selection and sequencing. The program office provides and keeps on record a planning form to track the fulfillment of requirements for the special concentration.

AFFILIATED FACULTY

Beth Berkowitz (Religion, Barnard)
 Clemence Boulouque (Religion)
 Elisheva Carlebach (History)
 Yinon Cohen (Sociology)
 Jeremy Dauber (Germanic Languages)
 Rebecca Kobrin (History)
 Agnieszka Legutko (Germanic Languages)
 Seth Schwartz (History)
 Michael Stanislawski (History)

SPECIAL CONCENTRATION IN JEWISH STUDIES

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

For a special concentration in Jewish studies, students are required to complete a minimum of 21 points. Please note:

- At least one course must be taken from each of three of the focus areas listed below.
- Credits for language courses may constitute at most 10 points, and one year of Hebrew or Yiddish language is strongly recommended.
- A minimum of 18 points must be taken at Columbia or as part of an approved study abroad program (unless equivalent courses are not offered at Columbia, as determined by the faculty adviser).

The focus areas and courses listed below are examples and do not include all the potential courses which may count. Additionally, as new courses are introduced, new focus areas may develop. Some courses may fall under multiple headings. Determination of a course's focus area is at the discretion of the faculty adviser.

Focus Areas

Bible and Rabbinics/Ancient Judaism

RELI V3512	The Bible and Its Interpreters
RELI GU4637	Talmudic Narrative
RELI W4520	Patriarchal and Rabbinic Authority in Antiquity
RELI V3501	Introduction To the Hebrew Bible
RELI V3508	Origins of Judaism
RELI V3561	Classics of Judaism: Ethics of the Fathers
RELI V2510	Jews and Judaism in Antiquity

Medieval Judaism

HIST UN2657	Medieval Jewish Cultures
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HIST W3616	Jews and Christians in the Medieval World
RELI W4510	The Thought of Maimonides
RELI V3870	Inquisitions, New Christians, and Empire
RELI GU4515	Reincarnation and Technology
HIST UN3180	Conversion in Historical Perspective
Modern Judaism	
HIST W3630	American Jewish History
RELI V3571	Judaism, Jewishness, and Modernity
MDES UN3542	Introduction to Israeli Literature
Israeli Society	
MDES UN3541	Zionism: A Cultural Perspective
MDES UN3542	Introduction to Israeli Literature
Gender and Judaism	
HIST W3640	Jewish Women and Family, 1000-1800
RELI V3570	Women and Judaism: Folklore or Religion?
RELI W4504	Reading the Patriarchal and Matriarchal Stories in Genesis
Jewish History and Culture	
MUSI G4125	Jewish Music: Uniqueness and Diversity
RELI V3585	The Sephardic Experience
RELI W4503	Readings from the Sephardic Diaspora
RELI UN2306	Intro to Judaism
RELI W4511	Jewish Ethics
HIST UN2657	Medieval Jewish Cultures
HIST UN3645	Spinoza to Sabbatai: Jews in Early Modern Europe
Jewish Literature	
CLYD UN3500	Readings In Jewish Literature: Humor In Jewish Literature [In English]
YIDD UN3800	Readings in Yiddish Literature: The Family Singer [In English]
RELI V3561	Classics for Judaism: Ethics of the Fathers

Jewish Studies courses are housed in a number of departments throughout the University. For current and past course offerings, please see below.

FALL 2019 COURSES OF INTEREST

Comparative Literature

CLRS GU4037	Poets, Rebels, Exiles: 100 Years of Russian and Russian Jews in America (Comparative Literature)
CLYD GU4250	Memory and Trauma in Yiddish Literature (in English)

Germanics

YIDD UN1101	Elementary Yiddish I
YIDD UN1102	Elementary Yiddish II

YIDD UN2101	Intermediate Yiddish I
History	
HIST BC3651	Jewish Tales from Four Cities: The Immigrant Experience in New York, Buenos Aires, Paris and London
HIST UN2628	History of the State of Israel, 1948-Present
Middle East, South African, and Asian Studies	
MDES UN1501	First Year Modern Hebrew: Elementary I
MDES UN2501	Second Year Modern Hebrew: Intermediate I
MDES UN2517	Hebrew for Heritage Speakers I
MDES GU4501	Readings in Hebrew Texts I
MDES GU4510	Third Year Modern Hebrew I
Latin American and Iberian Cultures	
SPJS UN3303	Jewish Culture in Translation in Medieval Iberia
Music	
MUSI UN2030	Jewish Music of New York
Political Science	
JWST GU4510	Rules and Reasons: Israeli Law vs. Jewish Law
Religion	
RELI GU4807	Divine Human Animal
RELI GR9901	Research in Religion I
RELI UN3901	Guided Reading and Research
RELI GU4524	Theories of the Unconscious and Jewish Thought
Sociology	
SOCI GR6010	ISRAELI SOCIETY: SPEC

SPRING 2020 COURSES OF INTEREST

Film

JWST GU4145	Topics in Israeli Cinema (Jewish Studies)
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Germanic Languages

YIDD UN1101	Elementary Yiddish I (Yiddish)
YIDD UN1102	Elementary Yiddish II
YIDD UN2101	Intermediate Yiddish I
YIDD UN2102	Intermediate Yiddish II
CLYD UN3600	Holocaust Literature: A Survey
YIDD GU4420	READINGS-YIDDISH LITERATURE

History

HIST UN3604	Jews and the City
HIST UN3645	Spinoza to Sabbatai: Jews in Early Modern Europe
HIST UN3838	Senior Thesis Seminar
HIST GU4522	Jews, Magic, and Science in Premodern Europe
HIST GR8625	A Global History of Jewish Migration and the State

Jewish Studies

JWST GU4990 Topics in Jewish Studies

Journalism

Journalist as Historian (J6002)

Middle Eastern, South Asian and African Studies

MDES UN1502 First Year Modern Hebrew: Elementary II

MDES UN2502 Second Year Hebrew: Intermediate II

MDES UN2518 Hebrew for Heritage Speaker II

MDES GU4502 Fourth Year Hebrew: Readings II

MDES GU4511 Third Year Modern Hebrew II

Political Science

POLS GU4848 ISRAELI NATL SEC STRAT POL DEC

Religion

RELI UN1620 Religion and the Movies

RELI UN3501 Introduction To the Hebrew Bible

RELI UN3199 Theory (Women's Studies)

Women's Studies

WMST GU4310 Contemporary American Jewish Women's Literature: 1990 to Present (Women's Studies)

ADDITIONAL COURSES, INCLUDING THOSE NOT CURRENTLY OFFERED

Germanic Languages

YIDD UN2102 Intermediate Yiddish II

YIDD UN3333 Advanced Yiddish

YIDD UN3520

YIDD W3550 Twentieth-Century Yiddish Literature and Film [In English]

History

HIST UN2611 Jews and Judaism in Antiquity

HIST UN2628 History of the State of Israel, 1948-Present

HIST UN2630 American Jewish History

HIST UN2657 Medieval Jewish Cultures

HIST UN3604 Jews and the City

HIST W4610 The Ancient Jews and the Mediterranean

HIST W4611 Jews and Muslims in the Middle Ages

HIST W4635 Ancient Jewish Texts: Leviticus Rabbah

Middle Eastern, South Asian, and African Studies

MDES UN1502 First Year Modern Hebrew: Elementary II

MDES UN2502 Second Year Hebrew: Intermediate II

MDES W1516 Second Year Hebrew: Intensive Grammar Review

MDES UN3541 Zionism: A Cultural Perspective

CLME W3546 Intro to Hebrew Literature

MDES GU4510 Third Year Modern Hebrew I

Religion (Barnard)

RELI W4501 Psalms Through the Commentary of the Baal Shem Tov

RELI W4505 The Beginnings of Jewish Mysticism

RELI W4508 Jewish Philosophy and Kabbalah

Religion

RELI UN3501 Introduction To the Hebrew Bible

RELI V3512 The Bible and Its Interpreters

RELI UN3315 Readings in Kabbalah

RELI V3571 Judaism, Jewishness, and Modernity

RELI V3585 The Sephardic Experience

RELI W4507 Readings in Hasidism

RELI W4508 Jewish Philosophy and Kabbalah

RELI GU4637 Talmudic Narrative

RELI GU4515 Reincarnation and Technology

Sociology

SOCI UN3285 Israeli Society and the Israeli-Palestinian Conflict

SOCI W3930 Immigration and Ethnicity in Israel

Women's Studies

WMST BC3122 Contemporary American-Jewish Women Writers: 1990 to the Present

WMST GU4302 The Second Wave and Jewish Women's Artistic Responses: 1939-1990

WMST GU4310 Contemporary American Jewish Women's Literature: 1990 to Present

LANGUAGE RESOURCE CENTER

Office: 353 International Affairs Building; 212-854-9224
<http://www.lrc.columbia.edu/>

Director: Dr. Stéphane Charitos, 353 International Affairs Building; 212-854-6341; sc758@columbia.edu

Associate Director: Piero di Porzio, 353 International Affairs Building; 212-854-3326; pdp@columbia.edu

Hours of Operation: Monday-Friday, 9 a.m.–5 p.m.

The Language Resource Center supports students throughout the course of their language study at Columbia. The LRC provides flexible physical and virtual spaces for language learning, facilitates access to resources, and connects students to language-related opportunities at Columbia and beyond. The LRC is also home to the Shared Course Initiative, which uses specialized distance classrooms for sharing several languages between Columbia, Cornell, and Yale universities. For more information

on language learning at Columbia, visit lrc.columbia.edu (<http://lrc.columbia.edu>).

AKKADIAN

All Akkadian courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

AKAD UN1101 Elementary Akkadian I. 3 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD UN1102 Elementary Akkadian II. 3 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD UN2101 Intermediate Akkadian I. 3 points.

Prerequisites: AKAD UN1101 and AKAD UN1102 or the instructor's permission.

Readings in Akkadian literature.

AKAD UN2102 Intermediate Akkadian II. 3 points.

Further readings in Akkadian literature

ANCIENT EGYPTIAN

All Ancient Egyptian courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

EGYP UN1102 INTRO-ANCIENT EGYPTIAN LANG II. 4 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts.

EGYP UN2101 Advanced Ancient Egyptian I. 3 points.

Corequisites: *EGYP W1101-W1102* or the instructor's permission.

Advanced readings in ancient Egyptian texts.

EGYP UN2102 Advanced Ancient Egyptian II. 3 points.

Corequisites: *EGYP W1101-W1102* or the instructor's permission.

Advanced readings in ancient Egyptian texts.

ARAMAIC

All Aramaic courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

ARAM UN1101 Elementary Aramaic I: Biblical Aramaic. 3 points.

Prerequisites: one year of classical Hebrew or the equivalent. Introduction to the various phases of Aramaic. Readings are selected from early and imperial documents, including Elephantine and inscriptions.

ARAM UN1102 Elementary Aramaic II: Qumran Aramaic. 3 points.

Prerequisites: students are encouraged but not required to take *ARAM W1101* prior to enrolling in *ARAM W1102*.

Introduction to Aramaic documents found at Qumran and contemporary sites. This represents the intermediate phase of Aramaic and Bar Kokhba texts.

ARAM UN2101 Intermediate Aramaic I (Syriac Aramaic). 3 points.

Introduction to sources preserved by the early Christian communities of the ancient and medieval Near East in Syriac.

BENGALI

BENG UN1101 Elementary Bengali I. 4 points.

Introductory courses to Bengali, a major language of northeast India and Bangladesh.

Fall 2019: BENG UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1101	001/55365	T Th 4:10pm - 6:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	4	14/20

BENG UN1102 Elementary Bengali II. 4 points.

Introductory courses to Bengali, a major language of northeast India and Bangladesh.

Spring 2020: BENG UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1102	001/15987	T Th 4:10pm - 6:00pm Room TBA	Dwijen Bhattacharjya	4	5/20

BENG UN2101 Intermediate Bengali I. 3 points.

Prerequisites: BENG UN1101 and BENG UN1102 or the instructor's permission.

Further develops a student's knowledge of Bengali, a major language of northeast India and Bangladesh.

Fall 2019: BENG UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2101	001/55400	T Th 6:10pm - 8:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	3	5/20

BENG UN2102 Intermediate Bengali II. 3 points.

Prerequisites: (BENG UN1101 and BENG UN1102) *BENG W1101-W1102* or the instructor's permission.

Further develops a student's knowledge of Bengali, a major language of northeast India and Bangladesh.

Spring 2020: BENG UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2102	001/15988	T Th 6:10pm - 8:00pm Room TBA	Dwijen Bhattacharjya	3	3/20

BENG UN3101 Advanced Bengali I. 3 points.

Continuing instruction in Bengali at the advanced level focusing on conversation, interview, and discussion skills. Please note this

course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

BENG UN3102 Advanced Bengali II. 3 points.

Continuing instruction in Bengali at the advanced level focusing on conversation, interview, and discussion skills. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

CANTONESE

CANT UN1101 Elementary Cantonese I. 4 points.

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

CANT UN1102 Elementary Cantonese II. 4 points.

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

CANT UN2101 Intermediate Cantonese I. 4 points.

Prerequisites: (CANT W1101 and CANT UN1102) *CANT W1101-W1102* or the instructor's permission.

This course further continues the study of the Cantonese language. Emphasis is on linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language, but also incorporate discussions on history, current events, literature, popular culture, and native values. Includes field trips to Chinatown and other Cantonese-speaking neighborhoods. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Fall 2019: CANT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 2101	001/55379	T Th 12:30pm - 3:15pm Room TBA	Stephane Charitos, Fiona Hui	4	0/5

CANT UN2102 Intermediate Cantonese II. 4 points.

Prerequisites: *CANT W1101-W1102* or the instructor's permission.

This course further continues the study of the Cantonese language. Emphasis is on linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language, but also incorporate discussions on history, current events, literature, popular culture, and native values. Includes field trips to Chinatown and other Cantonese-speaking neighborhoods. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Spring 2020: CANT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 2102	001/15994	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Fiona Hui	4	1/6

FILIPINO

FILI OC1101 Elementary Filipino I. 4 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Fall 2019: FILI OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1101	001/55401	M T W 12:30pm - 1:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4	1/5

FILI UN1102 Elementary Filipino II. 4 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

FILI OC1102 Elementary Filipino II. 4 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Spring 2020: FILI OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1102	001/15995	T Th 11:00am - 1:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4	1/12

FILI OC2101 Intermediate Filipino I. 4 points.

Prerequisites: *FILI W1101-W1102* or the instructor's permission. Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Fall 2019: FILI OC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2101	001/55380	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Luis Francia	4	2/5

FILI UN2102 Intermediate Filipino II. 4 points.

Prerequisites: *FILI W1101-W1102* or the instructor's permission. Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

FILI OC2102 Intermediate Filipino II. 4 points.

Prerequisites: *FILI W1101-W1102* or the instructor's permission. Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Spring 2020: FILI OC2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2102	001/15996	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Luis Francia	4	3/12

INDONESIAN**INDO UN1101 Elementary Indonesian I. 4 points.**

This course offers students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Fall 2019: INDO UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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INDO 1101	001/55369	M W 9:00am - 10:50am 352a International Affairs Bldg	4	6/10
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INDO UN1102 Elementary Indonesian II. 4 points.

This course offers students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Spring 2020: INDO UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1102	001/15997	M W F 9:00am - 10:15am 352a International Affairs Bldg		4	4/12

INDO UN2101 Intermediate Indonesian I. 4 points.

Prerequisites: *INDO W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Fall 2019: INDO UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2101	001/55370	T Th 9:00am - 10:50am 352a International Affairs Bldg		4	3/10

INDO UN2102 Intermediate Indonesian II. 4 points.

Prerequisites: *INDO W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Spring 2020: INDO UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2102	001/15998	M W 6:00pm - 7:50pm 352a International Affairs Bldg		4	1/12

INDO UN3101 Advanced Indonesian I. 3 points.

This course offers students the opportunity to practice advanced structures of Bahasa Indonesia, a major language of Indonesia and South East Asia. This course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2019: INDO UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3101	001/55402			3	0/15

INDO UN3102 Advanced Indonesian II. 3 points.

This course offers students the opportunity to practice advanced structures of Bahasa Indonesia, a major language of Indonesia and South East Asia. This course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Spring 2020: INDO UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3102	001/16469		Stephane Charitos	3	0/12

IRISH

All Irish courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

IRSH UN1101 Elementary Irish I. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

IRSH OC1101 Elementary Irish I. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

Fall 2019: IRSH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/55371	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	3/5
IRSH 1101	002/55372	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	1/5

Spring 2020: IRSH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/15999	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	4/10

IRSH UN1102 Elementary Irish II. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students

are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

IRSH OC1102 Elementary Irish II. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

Spring 2020: IRSH OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1102	001/16000	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	3/12

IRSH UN2101 Intermediate Irish I. 4 points.

Prerequisites: IRSH UN1101 and IRSH UN1102 or the instructor's permission.

For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

IRSH OC2101 Intermediate Irish I. 4 points.

Prerequisites: *IRSH W1101-W1102* or the instructor's permission.

For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

Fall 2019: IRSH OC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 2101	001/55375	M W 2:00pm - 3:15pm Room TBA	Stephane Charitos	4	1/5

IRSH UN2102 Intermediate Irish II. 4 points.

Prerequisites: (IRSH UN1101 and IRSH UN1102) *IRSH UN1101-UN1102* or the instructor's permission.

For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

IRSH OC2102 Intermediate Irish II. 4 points.

Prerequisites: *IRSH W1101-W1102* or the instructor's permission. For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

Spring 2020: IRSH OC2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 2102	001/16001	T Th 11:00am - 12:15pm Room TBA		4	0/12

KHMER**KHMR UN1101 Elementary Khmer I. 4 points.**

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR UN1102 Elementary Khmer II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR UN2101 Intermediate Khmer I. 4 points.

Prerequisites: *KHMR W1101-W1102* or the instructor's permission.

In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Khmer literature and learn how to read and comprehend basic Khmer texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Cambodia. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR UN2102 Intermediate Khmer II. 4 points.

This course focuses on learning Khmer (the national language of Cambodia) for students who have completed Intermediate Khmer I. Students will be able to communicate in every day conversation using complex questions/answers. The course focuses on reading,

writing, speaking, and listening to Khmer words, long sentences, and texts. The course is also emphasized on grammar, sentence structure and their use in the right context. This course is applied to persons who want to continue to learn Khmer and want to pursue the language study in the future.

Spring 2020: KHMR UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KHMR 2102	001/16506			4	0/15

KREYOL**KREY UN1101 Elementary Haitian Kreyol I. 4 points.**

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port-au-Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques. Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

KREY UN1102 Elementary Haitian Kreyol II. 4 points.

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port-au-Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques. Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

PULAAR**PULA UN1101 Elementary Pulaar I. 4 points.**

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN1102 Elementary Pulaar II. 4 points.

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2101 Intermediate Pulaar I. 3 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2102 Intermediate Pulaar II. 4 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PUNJABI**PUNJ UN1101 Elementary Punjabi I. 4 points.**

Introduction to Punjabi, a major language of northern India and Pakistan. Beginning with the study of the Gurmukhi script, the course offers an intensive study of the speaking, reading, and writing of the language.

Fall 2019: PUNJ UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1101	001/55367	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	13/15

PUNJ UN1102 Elementary Punjabi II. 4 points.

Prerequisites: Shared course. Contact ck2831@columbia.edu for more Info.

Introduction to Punjabi, a major language of northern India and Pakistan. Beginning with the study of the Gurmukhi script, the course offers an intensive study of the speaking, reading, and writing of the language.

Spring 2020: PUNJ UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1102	001/16004	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	6/20

PUNJ UN2101 Intermediate Punjabi I. 4 points.

Prerequisites: *PUNJ W1101-W1102* or the instructor's permission.

Further develops a student's writing, reading, and oral skills in Punjabi, a major language of northern India and Pakistan.

Fall 2019: PUNJ UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2101	001/55368	T Th 6:10pm - 8:00pm	Sandeep Singh	4	7/15

352c International
Affairs Bldg

PUNJ UN2102 Intermediate Punjabi II. 4 points.

Prerequisites: *PUNJ W1101-W1102* or the instructor's permission.

Further develops a student's writing, reading, and oral skills in Punjabi, a major language of northern India and Pakistan.

Spring 2020: PUNJ UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2102	001/16005	T Th 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	1/20

QUECHUA

All Quechua courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

QUCH UN1101 Elementary Quechua I. 4 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language runa simi or runa shimi, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH UN1102 Elementary Quechua II. 4 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language runa simi or runa shimi, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer

study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH UN2101 Intermediate Quechua I. 4 points.

Prerequisites: *QUCH W1101-W1102* or the instructor's permission.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH UN2102 Intermediate Quechua II. 4 points.

Prerequisites: *QUCH W1101-W1102* or the instructor's permission.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

ROMANIAN

RMAN UN1101 Elementary Romanian I. 4 points.

Provides students with an introduction to the basic structures of the Romanian language.

Fall 2019: RMAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1101	001/55399	M W 2:10pm - 4:00pm	Mona Momescu	4	2/15

352 International
Affairs Bldg

RMAN UN1102 Elementary Romanian II. 4 points.

Provides students with an introduction to the basic structures of the Romanian language.

Spring 2020: RMAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1102	001/16014		Mona Momescu	4	2/20

RMAN W1221 Comprehensive Elementary Romanian. 4 points.

Not offered during 2019-20 academic year.

This course is designed for students who had no previous experience with Romanian. It will provide those who take it with the basic skills that enable them to communicate at a basic level and will thus prepare the class for the next level of study. As accelerated learning of a language is conceived as a "theater of the mind", the course will rely mostly on in-class activities meant to activate all the four skills (listening, reading, speaking, writing) in accordance with the proposed level of performance. The number and quantity of homework will be reduced, so that the students will be "putting" their knowledge and skills to work. They will also be introduced in authentic linguistic environments (places and venues of the Romanian community in NYC, meetings with fellow students who are native speakers, etc). This class is the equivalent to classes in the regular *RMAN W1101-1102* sequence.

RMAN W1221 Comprehensive Intermediate Romanian. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: Elementary Romanian (I and II), Comprehensive Elementary Romanian, or the equivalent, or placement test. The course addresses those who have previous knowledge of Romanian and who want to extend their communicative capacities in the language as well as to expand the vocabulary. An accelerated course needs to create a rather theatrical approach where students feel comfortable with their previous knowledge and gain confidence, while working for their B2 level. As many intermediate students partially or completely qualify as "independent users", the course will put their experience to work and focus on real-life communication situations. This class is the equivalent to classes in the regular *RMAN W1201-1202* sequence.

RMAN UN2101 Intermediate Romanian I. 4 points.

Prerequisites: *RMAN W1101-W1102* or the instructor's permission.

Further explores the grammatical and linguistic structures of the Romanian language.

Fall 2019: RMAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 2101	001/55403	M W 6:10pm - 8:00pm	Mona Momescu	4	1/15

352b International
Affairs Bldg

RMAN UN2102 Intermediate Romanian II. 4 points.

Prerequisites: *RMAN W1101-W1102* or the instructor's permission.

Further explores the grammatical and linguistic structures of the Romanian language.

Spring 2020: RMAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 2102	001/16015		Mona Momescu	4	0/20

RMAN GU4002 Romanian Culture, Identity and Complexes. 3 points.

This course addresses the main problems that contribute to the making of Romanian identity, as fragmented or as controversial as it may seem to those who study it. The aim is to become familiar with the deepest patterns of Romanian identity, as we encounter it today, either in history, political studies, fieldwork in sociology or, simply, when we interact with Romanians. By using readings and presentations produced by Romanian specialists, we aim to be able to see the culture with an "insider's eye", as much as we can. This perspective will enable us to develop mechanisms of understanding the Romanian culture and mentality independently, at a more profound level and to reason upon them.

Fall 2019: RMAN GU4002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 4002	001/53905	M W 11:40am - 12:55pm 516 Hamilton Hall	Mona Momescu	3	0/15

RMAN GU4003 Byzantine and Post-Byzantine Elements of Romanian Culture. 3 points.

Prerequisites: Reading knowledge of Romanian and French ...The Byzantine as "post-Romantic", as "eclectic", "Oriental", in its version of localized, picturesque, intra-European Orientalism appears less explored and probably less considered of importance when trying to understand the intricacies of a culture and, by expanding it, of culture in general. Our explorations of Byzantine/Byzantinism will help us develop a subtler understanding of the mechanisms of the cultural equation West/Orient and of the cultural hierarchies....

RMAN W4051 Directed Readings in Romanian. 3 points.

Directed readings in Romanian.

SINHALA

SINH UN1101 Elementary Sinhala I. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Sinhala, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced

– and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2019: SINH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1101	001/55396			4	1/15

SINH UN1102 Elementary Sinhala II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Sinhala, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

SINH UN2101 Intermediate Sinhala I. 4 points.

Prerequisites: *SINH W1101-1102* or the instructor's permission. In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Sinhala literature and learn how to read and comprehend basic Sinhala texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Sri Lanka. The class uses a highly interactive classroom style supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2019: SINH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 2101	001/55407			4	0/15

SINH UN2102 Intermediate Sinhala II. 4 points.

Prerequisites: *SINH W1101-1102* or the instructor's permission. In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Sinhala literature and learn how to read and comprehend basic Sinhala texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Sri Lanka. The class uses a highly interactive classroom style supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

TWI (AKAN)

TWI UN1101 ELEMENTARY TWI (AKAN) I. 4 points.

This course is designed as the first part of an elementary language sequence. It is designed for students who will be introduced to the basic structure of Twi and the culture of the Akan-Twi-speaking people. Instruction is in the target language with

an expected proficiency goal of Novice Mid at the end of the semester. Students will be introduced to basic grammar and communicative skills as well as cultural activities. This will be reinforced through role plays, conversations, dialogues and songs. At the end of the course, students are expected to acquire basic grammar competence and be able to use appropriate expressions for everyday situations with an understanding and appreciation of the culture of the Akan people in Ghana, West Africa. In addition to Asante Twi, students will be exposed to Akuapem Twi and Fante.

Fall 2019: TWI UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TWI 1101	001/55395	M T W Th 12:30pm - 1:20pm 351a International Affairs Bldg	Stephane Charitos, Hannah Essien	4	5/7

TWI UN1102 ELEMENTARY TWI (AKAN) II. 4 points.

This course is designed as the second part of an elementary language sequence. It is designed for students who will be introduced to the basic structure of Twi and the culture of the Akan-Twi-speaking people. Instruction is in the target language with an expected proficiency goal of Novice Mid at the end of the semester. Students will be introduced to basic grammar and communicative skills as well as cultural activities. This will be reinforced through role plays, conversations, dialogues and songs. At the end of the course, students are expected to acquire basic grammar competence and be able to use appropriate expressions for everyday situations with an understanding and appreciation of the culture of the Akan people in Ghana, West Africa. In addition to Asante Twi, students will be exposed to Akuapem Twi and Fante.

Spring 2020: TWI UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TWI 1102	001/16474	M T W Th 9:00am - 9:50am 351a International Affairs Bldg	Stephane Charitos, Hannah Essien	4	2/12

UZBEK

UZBK UN1101 Elementary Uzbek I. 4 points.

Not offered during 2019-20 academic year.

This course offers students an introduction to the basic structures of Uzbek, a major language of Central Asia.

UZBK UN1102 Elementary Uzbek II. 4 points.

Not offered during 2019-20 academic year.

This course offers students an introduction to the basic structures of Uzbek, a major language of Central Asia.

UZBK UN2101 Intermediate Uzbek I. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Uzbek, a major language of Central Asia.

UZBK UN2102 Intermediate Uzbek II. 4 points.

Not offered during 2019-20 academic year.

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Uzbek, a major language of Central Asia.

YORUBA

YORU UN1101 Elementary Yoruba I. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Yoruba, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2019: YORU UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1101	001/55390	M T W Th 10:10am - 11:00am 351a International Affairs Bldg		4	3/15

YORU UN1102 Elementary Yoruba II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Yoruba, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

YORU UN2101 Intermediate Yoruba I. 4 points.

Prerequisites: *YORU W1101-W1102* or the instructor's permission.

In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Yoruba literature and learn how to read and comprehend basic Yoruba texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic and, cultural events and issues in Nigeria. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2019: YORU UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 2101	001/10473	M T W Th 9:10am - 10:00am 351a International Affairs Bldg		4	1/15

YORU UN2102 Intermediate Yoruba II. 4 points.

Prerequisites: *YORU W1101-W1102* or the instructor's permission.

In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Yoruba literature and learn how to read and comprehend basic Yoruba texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic and, cultural events and issues in Nigeria. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

ZULU

All Zulu courses are offered by video-conferencing from Yale as part of the Shared Course Initiative.

ZULU UN1101 Elementary Zulu I. 4 points.

Introduces students to the basic structures of Zulu, a Bantu language spoken in South Africa, especially in the Zululand area of KwaZulu/Natal province.

Fall 2019: ZULU UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1101	001/55393	M T W Th 11:35am - 12:25pm 351a International Affairs Bldg		4	1/15

ZULU UN1102 Elementary Zulu II. 4 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Introduces students to the basic structures of Zulu, a Bantu language spoken in South Africa, especially in the Zululand area of KwaZulu/Natal province.

Spring 2020: ZULU UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1102	001/16481	M T W Th 11:35am - 12:25pm Room TBA		4	1/12

ZULU UN2101 Intermediate Zulu I. 4 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Provides students with an in-depth review of the essentials of the Zulu grammar. Students are also able to practice their language skills in conversation.

Fall 2019: ZULU UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2101	001/55405	M T W Th 9:25am - 10:15am Room TBA		4	0/15

ZULU UN2102 Intermediate Zulu II. 4 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Provides students with an in-depth review of the essentials of the Zulu grammar. Students are also able to practice their language skills in conversation.

Spring 2020: ZULU UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2102	001/16483	M T W Th 9:00am - 9:50am Room TBA	Stephane Charitos	4	0/12

ZULU UN3101 Advanced Zulu I. 3 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

This course allows students to practice advanced structures of the Zulu language. Please note this course is offered by videoconference from Yale through the Shared Course Initiative.

Fall 2019: ZULU UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3101	001/55406			3	0/15

ZULU UN3102 Advanced Zulu II. 3 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

This course allows students to practice advanced structures of the Zulu language. Please note this course is offered by videoconference from Yale through the Shared Course Initiative.

Spring 2020: ZULU UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3102	001/16484	T 2:30pm - 3:45pm Room TBA	Stephane Charitos	3	0/12

LATIN AMERICAN AND CARIBBEAN STUDIES

The Institute of Latin American Studies: 8th Floor, International Affairs Building; 212-854-4643
<http://ilas.columbia.edu>

Program Director: Prof. M. Victoria Murillo, 832 International Affairs Building; mm2140@columbia.edu

Senior Manager of Business & Student Affairs: Eliza Kwon-Ahn, 827 International Affairs Building; ek2159@columbia.edu

The major in Latin American and Caribbean Studies stresses knowledge of a dynamic, historically deep and extensive region, but it also focuses on social, political, and cultural phenomena that transcend physical boundaries. The major thus reflects multidisciplinary dialogues that are transnational yet remain anchored in the common historical experience of Latin American societies. Thanks to the broad range of courses on Latin America offered in different departments of instruction and centers at Columbia, the major provides a multidisciplinary training on politics, history, culture, economy, and society.

The Institute of Latin American Studies coordinates the major and offers access to research support, study abroad options, and linkages and credits toward the M.A. program in Latin American and Caribbean studies.

AFFILIATED FACULTY

Alan Dye (<https://barnard.edu/profiles/alan-dye/>) (Economics, Barnard)

Frank Guridy (<https://history.columbia.edu/faculty/guridy-frank/>) (History)

Ana Paula Huback (<http://laic.columbia.edu/author/1234567890/>) (Latin American and Iberian Studies)

Ana Paulina Lee (<http://laic.columbia.edu/author/2568210888/>) (Latin American and Iberian Studies)

Natasha Lightfoot (<https://history.columbia.edu/faculty/lightfoot-natasha/>) (History)

Claudio Lomnitz (<http://anthropology.columbia.edu/people/profile/368/>) (Anthropology)

Nara Milanich (<https://history.barnard.edu/profiles/nmilanic/>) (History, Barnard)

Eduardo Moncada (<https://barnard.edu/profiles/eduardo-moncada/>) (Political Science, Barnard)

Jose Moya (<https://history.barnard.edu/profiles/jose-moya/>) (History, Barnard)

M. Victoria Murillo (<http://polisci.columbia.edu/people/profile/100/>) (Political Science)

Frances Negron-Muntaner (<http://english.columbia.edu/people/profile/396/>) (Comparative Literature)

Joao Nemi Neto (jn2395@columbia.edu) (Latin American and Iberian Studies)

Ana Maria Ochoa (<http://music.columbia.edu/people/bios/ochoa-ana-mar/>) (Music)

Pablo Piccato (<http://history.columbia.edu/faculty/Piccato.html>) (History)

Caterina Pizzigoni (<http://history.columbia.edu/faculty/Pizzigoni.html>) (History)

Michael T. Taussig (<http://anthropology.columbia.edu/people/profile/376/>) (Anthropology)

GUIDELINES FOR ALL LATIN AMERICAN AND CARIBBEAN STUDIES MAJORS AND CONCENTRATORS

Declaring the Major or Concentration

For additional information on Latin American and Caribbean Studies, please visit the Institute's website (<http://ilas.columbia.edu>) or contact Eliza Kwon-Ahn, Senior Manager of Business & Student Affairs, at ek2159@columbia.edu. Please note: major and concentration requirements were updated November, 2019.

MAJOR IN LATIN AMERICAN AND CARIBBEAN STUDIES

The major requires a minimum of 31 points as follows:

Select five of the following twelve courses:

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	Reproducing Inequalities: Families in Latin American History
HIST BC2676	Latin America: Migration, Race, and Ethnicity
HIST BC2681	Women and Gender in Latin America
LACV UN1020	Primary Texts of Latin American Civilization
POLS W3560	Politics of Urban Development in Latin America
POLS UN3565	Drugs and Politics in the Americas
POLS GU4461	Latin American Politics
SPAN UN3300	Advanced Language through Content [in Spanish]

***** The SPAN UN3300 section taken for the Major must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.**

Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

Discipline of Choice

Select four courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least two courses in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

Up to 12 credits for Discipline of Choice requirement can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Upon return, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

CONCENTRATION IN LATIN AMERICAN AND CARIBBEAN STUDIES

The concentration requires a minimum of 18 points as follows:

Select three of the following twelve courses:

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	Reproducing Inequalities: Families in Latin American History
HIST BC2676	Latin America: Migration, Race, and Ethnicity
HIST BC2681	Women and Gender in Latin America
LACV UN1020	Primary Texts of Latin American Civilization
POLS W3560	Politics of Urban Development in Latin America
POLS UN3565	Drugs and Politics in the Americas
POLS GU4461	Latin American Politics
SPAN UN3300	Advanced Language through Content [in Spanish]

***** The SPAN UN3300 section taken for the Concentration must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.**

Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

Discipline of Choice:

Select two courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least one course in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

Up to 6 credits for Discipline of Choice requirement can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Upon return, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC2005	Caribbean Culture and Societies
AFRS BC3110	The Africana Colloquium: Caribbean Women
AFRS BC3150	Race and Performance In The Caribbean
AFRS BC3562	Caribbean Sexualities

Anthropology

ANTH UN1008	The Rise of Civilization
ANTH V2009	Culture through Film and Media
ANTH V3120	Historical Rituals in Latin America
ANTH UN3921	Anticolonialism

Anthropology (Barnard)

ANTH UN1008	The Rise of Civilization
ANTH UN3921	Anticolonialism
ANTH V3922	The Emergence of State
ANTH G4390	Borders and Boundaries

Art History

AHIS W3898	Yoruba and the Diaspora
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Center for the Study of Ethnicity and Race

CSER UN3923	Latina/o and Asian American Memoir
CSER UN3924	Latin American and Latina/o Social Movements
CSER UN3926	Latin Music and Identity
CSER UN3928	Colonization/Decolonization
CSER GU4482	Indigenous People's Rights: From Local Identities to the Global Indigenous Movement
CSER GU4483	Subcitizenship

Economics

ECON GU4301	Economic Growth and Development
ECON GU4750	Globalization and Its Risks (Film)

Film

FILM GU4952	Film TV and Internet in Brazilian Re-democratization: 1984-2014
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History

HIST UN2660	Latin American Civilization I
HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST UN2663	Mexico From Revolution To Democracy
HIST BC2664	Reproducing Inequalities: Families in Latin American History
HIST W2673	Latin American Popular Culture
HIST UN2618	The Modern Caribbean
HIST BC2676	Latin America: Migration, Race, and Ethnicity
HIST BC2682	Modern Latin American History
HIST UN3687	LAT AMER RIGHT IN THE COLD WAR
HIST GU4696	The Social Question and State Building in Latin America

Latin American and Caribbean Studies

LCRS UN3999	Independent Research Seminar
LCRS GU4415	PUERTO RICO UNDER U.S. RULE (1898-2016)

Latin American and Iberian Cultures

PORT UN2120	Comprehensive Intermediate Portuguese
SPAN UN3300	Advanced Language through Content [in Spanish]
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present
PORT UN3301	Advanced Writing and Composition in Portuguese
PORT UN3490	Brazilian Society and Civilization
SPAN UN3490	Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations
SPAN W3499	Configurations of Time in Contemporary American Art and Fiction
SPAN UN3998	Supervised Individual Research (Spring)

Latin American Civilization

LACV UN1020	Primary Texts of Latin American Civilization
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Music

MUSI UN2020	Salsa, Soca, and Reggae: Popular Musics of the Caribbean
MUSI V2430	Listening and Sound in Cross-Cultural Perspective
MUSI V3435	Music and Literature in Latin America

Political Science

POLS GU4461	Latin American Politics
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Sociology

SOCI UN3324	Global Urbanism
SOCI GU4370	Processes of Stratification and Inequality

Sociology (Barnard)

SOCI V3247	The Immigrant Experience, Old and New
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Spanish and Latin American Cultures (Barnard)

SPAN UN2101	Intermediate Spanish I
SPAN UN2102	Intermediate Spanish II
SPAN UN2108	Spanish for Spanish-Speaking Students
SPAN BC3099	Independent Study
SPAN BC3264	The Boom: The Spanish American Novel, 1962-70
SPAN UN3265	Latin American Literature in Translation
SPAN UN3300	Advanced Language through Content [in Spanish]
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present
SPAN BC3435	Language and Revolution
SPAN BC3470	Latin(o) American Art in New York City: Critical Interventions, Institutions, and Creative Lives
SPAN BC3510	Gender and Sexuality in Latin American Cultures

LATIN AMERICAN AND IBERIAN CULTURES

Departmental Office:

101 Casa Hispánica | 612 W. 116th Street | (212) 854-4187
<http://www.laic.columbia.edu/>

Director of Undergraduate Studies:

Prof. Seth Kimmel | 408 Casa Hispánica | (212) 854-6238 | srk29@columbia.edu

Director of Graduate Studies:

Prof. Alessandra Russo | 405 Casa Hispánica | (212) 854-4187 | ar2701@columbia.edu

Director of the Spanish Language Program:

Dr. Lee B. Abraham | 402 Casa Hispánica | (212) 854-3764 | lba2133@columbia.edu

Director of the Portuguese Language Program:

José Antonio Castellanos-Pazos | 501 Casa Hispánica | (212) 854-0277 | jc846@columbia.edu | lba2133@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: Islamic Spain through the Colonial Period or SPAN UN3350 Hispanic Cultures II: Enlightenment to the Present before studying abroad. Actual or potential majors and concentrators in Hispanic or Portuguese studies should seek tentative approval of their programs from the director of undergraduate studies before their departure.

INTERNSHIPS

The department maintains an updated list of internship resources and volunteer opportunities in New York City, the United States, and abroad. No academic credit is given for internships.

THE HISPANIC INSTITUTE

The department hosts the Hispanic Institute at Columbia. Founded in 1920 as the Instituto de las Españas, the Institute sponsors and disseminates research on Hispanic and Luso-Brazilian culture. Since 1934, the Institute has published the *Revista Hispánica Moderna*, a distinguished journal in Hispanic criticism and theory.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

For students with no knowledge of Spanish, Portuguese, or Catalan, at least four terms of the language are required: *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 (<http://laic.columbia.edu/programs/placement-examination/>) before registering for courses. Students with prior knowledge of Portuguese or Catalan should speak with the director of language programs.

Students may be exempted from the language requirement in one of four ways:

1. Present a score of 4 or 5 on the AP Spanish Language or Spanish Literature Exams. Students who receive a score of 5 in either exam are awarded 3 AP credits upon successful completion of a 3300-level (or above) course with a grade of B or higher. AP credit is not granted for a score of 4.
2. Present a score of 780 or above on the SAT Subject Test. Students with a score lower than 780 should take the

department's on-line placement exam and follow the placement advice received.

3. Present a score of a 7, 6, or 5 on the International Baccalaureate Higher Level Exam in Spanish.
4. Obtain a score of 625 or higher in the department's on-line placement exam (<http://laic.columbia.edu/programs/placement-examination/>). If the score in the on-line test qualifies a student for exemption from the language requirement, they are required to take a written version of the placement exam during orientation (for entering students) or during the semester (for continuing students). This written exam is offered every year on the Thursday before the beginning of classes in the fall semester from 10:00 a.m.-2:00 p.m. in Room 352 of the International Affairs Building (the Language Resource Center Computer Lab). Students do not need to make an appointment to take the exam.

DEPARTMENTAL HONORS

Beginning in Spring 2015, the department put in place a new timeline and training program for juniors, to assist students with planning and completing the Honors Thesis during their senior year. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D.; but, above all, it is a highly formative research and writing experience—one that can bear unexpected fruits toward any path the student decides to take in the future.

All students pursuing a major through the department may apply to write an Honors Thesis. The department envisions the thesis as an intellectually challenging and rewarding experience that crowns four years of undergraduate studies with an original contribution in the field chosen by the student.

The department supports students in shaping their research topic and provides frequent advising throughout the research and writing process. The timeline is as follows:

- During the junior year, students take into consideration the possibility of writing an Honors Thesis in the following year. The topic of the Honors Thesis may likely originate in an advanced course taken during the junior year; students may also choose to develop ideas discussed or papers written in courses taken in previous years. Juniors schedule a meeting (or, if the student is studying abroad, a Skype conversation) with the director of undergraduate studies to discuss their proposed topic and faculty adviser.
- By May 15, juniors who have decided to write an Honors Thesis in their senior year send a formal proposal to the director of undergraduate studies, which includes:
 - A title and a one-page abstract;
 - The name of the proposed faculty adviser;
 - An application for departmental partial funding support (for those who would like to pursue research during the summer).
- By May 30, the Honors Thesis committee reviews the proposals and informs the students of its decision.
- In the fall of the senior year:
 - Seniors selected to write the Honors Thesis enroll in SPAN UN3998 Supervised Individual Research (Spring) 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 either the fall or spring of the senior year, students enroll in a Senior Seminar.
- By April 15 of the senior year, students complete and present their Honors Thesis for consideration towards departmental honors and prizes. Students submit their thesis in hard copy, following the formatting specifications provided on the LAIC website (<http://laic.columbia.edu/programs/formatting-specifications-for-the-senior-thesis/>).
- By May 1, the Honors Thesis committee informs the students of its decision. Departmental honors and prizes are assigned. The committee provides publishing options to students whose work has resulted in a highly original scholarship piece.

In order to facilitate the transition to this new schedule, the department will organize an *Honors Thesis Introductory Session* during the last week of April 2015. All undergraduate students are welcome; students in the junior year will have the opportunity to discuss possible research themes and thesis topics.

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
 Gustavo Pérez-Firmat
 Alessandra Russo
 Jesús R. Velasco

ASSOCIATE PROFESSORS

Seth Kimmel

ASSISTANT PROFESSORS

Karen Benezra

Ana M. Fernández-Cebrián

Ana Paulina Lee

SENIOR LECTURER

Guadalupe Ruiz-Fajardo

José Antonio Castellanos-Pazos

Angelina Craig-Flórez

Reyes Llopis-García

Francisco Rosales-Varo

José Plácido Ruiz-Campillo

LECTURERS

Lee B. Abraham

Francisca Aguiló Mora

Leyre Alejandre Biel

Irene Alonso-Aparicio

Dolores Barbazán Capeáns

Lorena García Barroso

Ana Paula Huback

Juan Pablo Jiménez-Caicedo

Francisco Meizoso

João Nemi Neto

Diana P. Romero

Elsa Úbeda

MAJOR IN HISPANIC STUDIES

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The major in Hispanic studies requires 11 courses (minimum of 33 points) as follows:

Core Courses

SPAN UN3300	Advanced Language through Content [in Spanish]
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present

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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or SPAN UN3992

Senior Seminar: Modern Cities and Global Cities

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	Advanced Language through Content [in Spanish]
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present

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
or SPAN UN3992	Senior Seminar: Modern Cities and Global Cities

* In exceptional cases and with the director of undergraduate studies' approval, students may take a senior seminar in their area of specialization as a seventh course outside the department, if they have completed enough foundational courses to manage the demands of an advanced seminar. In such cases, the director of undergraduate studies must receive a letter or e-mail from the seminar instructor indicating approval of a student's membership in the course; the seminar project must be on a Hispanic topic; and a copy of the project must be turned in to the director of undergraduate studies for the student's file upon completion of the course. Students who complete the senior seminar in another department may also count it as the third elective course on a Hispanic topic outside the department, in which case they may take a fourth 3000- or 4000-level course in the department.

CONCENTRATION IN HISPANIC STUDIES

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The concentration in Hispanic studies requires eight courses (minimum of 24 points) as follows:

Core Courses

SPAN UN3300	Advanced Language through Content [in Spanish]
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present

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.

CONCENTRATION IN PORTUGUESE STUDIES

The concentration in Portuguese studies requires eight courses (minimum 24 points) as follows:

Core Courses

PORT UN3101	Conversation about the Lusophone World
PORT UN3300	Advanced Language through Content
PORT UN3330	Introduction to Portuguese Studies
PORT UN3350	Lusophone Africa and Afro Brazilian Culture

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.

FALL 2019 SPANISH

SPAN UN1101 Elementary Spanish I. 4 points.

Prerequisites: a score of 0-279 in the department's Placement Examination.

An introduction to Spanish communicative competence, with stress on basic oral interaction, reading, writing, and cultural knowledge. Principal objectives are to understand and produce commonly used sentences to satisfy immediate needs; ask and answer questions about personal details such as where we live, people we know and things we have; interact in a simple manner with people who speak clearly, slowly and are ready to cooperate; and understand simple and short written and audiovisual texts in Spanish. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/10111	M W F 8:40am - 9:55am 411 Kent Hall	Francisca Aguilo Mora	4	15/15
SPAN 1101	002/10112	M W F 10:10am - 11:25am 501 International Affairs Bldg	Francisca Aguilo Mora	4	13/15
SPAN 1101	003/10113	M W F 10:10am - 11:25am 401 Hamilton Hall	Lee Abraham	4	14/15
SPAN 1101	004/10114	M W F 11:40am - 12:55pm 318 Hamilton Hall	Lee Abraham	4	15/15
SPAN 1101	005/10115	T Th F 8:40am - 9:55am 607 Hamilton Hall	Juan Jimenez-Caicedo	4	15/15
SPAN 1101	006/10116	T Th F 10:10am - 11:25am 607 Hamilton Hall	Juan Jimenez-Caicedo	4	15/15
SPAN 1101	007/10117	T Th F 11:40am - 12:55pm 313 Hamilton Hall	Francisco Rosales-Varo	4	16/15
SPAN 1101	008/10118	T Th F 2:40pm - 3:55pm 313 Hamilton Hall	Francisco Rosales-Varo	4	15/15
SPAN 1101	009/10119	T Th F 4:10pm - 5:25pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	15/15
SPAN 1101	010/10120	T Th F 5:40pm - 6:55pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	13/15
SPAN 1101	020/09666	M W Th 11:40am - 12:55pm 202 Milbank Hall	Jesus Suarez-Garcia	4	17/15
SPAN 1101	021/09667	T Th F 8:40am - 9:55am 207 Milbank Hall	Antoni Fernandez Parera	4	14/15
SPAN 1101	022/09668	T Th F 2:40pm - 3:55pm 202 Milbank Hall	Javier Perez Zapatero	4	16/15

Spring 2020: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/16297	M W F 8:40am - 9:55am Room TBA	Irene Alonso-Aparicio	4	15/15
SPAN 1101	002/16298	M W F 10:10am - 11:25am Room TBA	Irene Alonso-Aparicio	4	15/15

SPAN 1101 003/16299	M W F 11:40am - 12:55pm Room TBA	Irene Alonso-Aparicio	4	15/15
SPAN 1101 004/16300	T Th F 10:10am - 11:25am Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101 005/16680	T Th F 11:40am - 12:55pm Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101 006/16683	T Th F 2:40pm - 3:55pm Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101 007/16685	T Th F 4:10pm - 5:25pm Room TBA	Juan Pablo Cominguez	4	15/15
SPAN 1101 008/16686	T Th F 5:40pm - 6:55pm Room TBA	Juan Pablo Cominguez	4	15/15
SPAN 1101 020/00617	M W Th 11:40am - 12:55pm Room TBA	Leonor Pons Coll	4	15/15
SPAN 1101 021/00618	M W Th 2:40pm - 3:55pm Room TBA	Maria Arce-Fernandez	4	15/15

SPAN UN1102 Elementary Spanish II. 4 points.

Prerequisites: SPAN UN1101 or a score of 280-379 in the department's Placement Examination.

An intensive introduction to Spanish language communicative competence, with stress on basic oral interaction, reading, writing and cultural knowledge as a continuation of SPAN UN1101. The principal objectives are to understand sentences and frequently used expressions related to areas of immediate relevance; communicate in simple and routine tasks requiring a direct exchange of information on familiar matters; describe in simple terms aspects of our background and personal history; understand the main point, the basic content, and the plot of filmic as well as short written texts. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102 001/10124		M W F 8:40am - 9:55am 206 Casa Hispanica	Javiera Iribarren Ortiz	4	15/15
SPAN 1102 002/10125		M W F 10:10am - 11:25am 327 Seeley W. Mudd Building	Manuela Luengas Solano	4	15/15
SPAN 1102 003/10126		M W F 11:40am - 12:55pm 206 Casa Hispanica	Tamara Hache	4	15/15
SPAN 1102 004/10127		M W F 11:40am - 12:55pm 607 Hamilton Hall	Eduardo Andres Vergara Torres	4	14/15
SPAN 1102 005/10128		T Th F 8:40am - 9:55am 201 Casa Hispanica	Brais Lamela Gomez	4	15/15
SPAN 1102 006/10129		T Th F 10:10am - 11:25am 206 Casa Hispanica	Daniel Saenz	4	15/15

SPAN 1102 007/10131	T Th F 11:40am - 12:55pm 411 Kent Hall	Ramon Flores Pinedo	4	14/15
SPAN 1102 008/10132	T Th F 4:10pm - 5:25pm 509 Hamilton Hall	Jose Placido Ruiz-Campillo	4	15/15
SPAN 1102 009/10133	T Th F 5:40pm - 6:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	15/15
SPAN 1102 020/09634	T Th F 10:10am - 11:25am 207 Milbank Hall	Antoni Fernandez Parera	4	14/15
SPAN 1102 021/09635	T Th F 11:40am - 12:55pm 207 Milbank Hall	Antoni Fernandez Parera	4	14/15

Spring 2020: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102 001/16310		M W F 8:40am - 9:55am Room TBA	Francisca Aguilo Mora	4	15/15
SPAN 1102 002/16311		M W F 10:10am - 11:25am Room TBA	Francisca Aguilo Mora	4	15/15
SPAN 1102 003/16312		M W F 10:10am - 11:25am Room TBA	Omar Duran-Garcia	4	15/15
SPAN 1102 004/16313		M W F 11:40am - 12:55pm Room TBA	Lee Abraham	4	14/15
SPAN 1102 005/16314		M W F 11:40am - 12:55pm Room TBA	Anayvellyse Allen-Mossman	4	13/15
SPAN 1102 006/16315		T Th F 8:40am - 9:55am Room TBA	Juan Jimenez-Caicedo	4	12/15
SPAN 1102 007/16316		T Th F 10:10am - 11:25am Room TBA	Juan Jimenez-Caicedo	4	15/15
SPAN 1102 008/16317		T Th F 11:40am - 12:55pm Room TBA	Juan Jimenez-Caicedo	4	15/15
SPAN 1102 009/16318		T Th F 10:10am - 11:25am Room TBA	Francisco Rosales-Varo	4	15/15
SPAN 1102 010/16319		T Th F 11:40am - 12:55pm Room TBA	Francisco Rosales-Varo	4	13/15
SPAN 1102 011/16320		T Th F 2:40pm - 3:55pm Room TBA	Francisco Meizoso	4	5/15
SPAN 1102 012/16321		T Th F 4:10pm - 5:25pm Room TBA	Francisco Meizoso	4	8/15
SPAN 1102 013/16322		T Th F 5:40pm - 6:55pm Room TBA	Francisco Meizoso	4	3/15
SPAN 1102 020/00619		M W Th 11:40am - 12:55pm Room TBA	Jesus Suarez-Garcia	4	15/15
SPAN 1102 021/00620		T Th F 8:40am - 9:55am Room TBA	Antoni Fernandez Parera	4	7/15
SPAN 1102 022/00621		T Th F 10:10am - 11:25am Room TBA	Antoni Fernandez Parera	4	12/15

SPAN 1102 023/00622 T Th F 2:40pm - 3:55pm Javier Perez 4 16/15
Zapatero
Room TBA

SPAN UN1113 Spanish Rapid Reading and Translation. 3 points.

Open to graduate students in GSAS only.

This course, conducted in English, is designed to help graduate students from other departments gain proficiency in reading and translating Spanish texts for scholarly research. The course prepares students to take the Reading Proficiency Exam that most graduate departments demand to fulfill the foreign-language proficiency requirement in that language. Graduate students with any degree of knowledge of Spanish are welcome. A grade of A- or higher in this class will satisfy the GSAS foreign language proficiency requirement in Spanish.

Spring 2020: SPAN UN1113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113	001/12021	W 4:10pm - 6:00pm 505 Casa Hispanica	Alexandra Mendez	3	6/15

SPAN UN1120 Comprehensive Beginning Spanish. 4 points.

Prerequisites: This course is an intensive and fast-paced coverage of both SPAN UN1101 and SPAN UN1102. Students MUST meet the following REQUIREMENTS: 1. A minimum of 3 years of high school Spanish (or the equivalent) AND a score of 330 or above in the Department's Placement Examination, OR 2. fluency in a language other than English (preferably another Romance language). If you fulfill the above requirements, you do not need instructor's permission to register. HOWEVER, the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. Replaces the sequence SPAN UN1101-SPAN UN1102. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/10121	T Th F 11:40am - 12:55pm 413 Hamilton Hall	Diana Romero	4	10/15

Spring 2020: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/16273	T Th F 11:40am - 12:55pm Room TBA	Diana Romero	4	6/15

SPAN UN2101 Intermediate Spanish I. 4 points.

Prerequisites: SPAN UN1102 or SPAN UN1120 or or a score of 380-449 in the department's Placement Examination.

An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing, and culture as a continuation of SPAN UN1102 or SPAN UN1120.

All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/10135	M W F 8:40am - 9:55am C01 80 Claremont	Daniella Wurst	4	12/15
SPAN 2101	002/10136	M W F 10:10am - 11:25am 253 International Affairs Bldg	Daniella Wurst	4	15/15
SPAN 2101	003/10137	M W F 8:40am - 9:55am 402 Hamilton Hall	Irene Alonso-Aparicio	4	14/15
SPAN 2101	004/10138	M W F 10:10am - 11:25am 402 Hamilton Hall	Irene Alonso-Aparicio	4	15/15
SPAN 2101	005/10140	M W F 11:40am - 12:55pm 402 Hamilton Hall	Irene Alonso-Aparicio	4	15/15
SPAN 2101	006/10142	M W F 2:40pm - 3:55pm 254 International Affairs Bldg	Francisco Meizoso	4	7/15
SPAN 2101	007/10143	M W F 4:10pm - 5:25pm 253 International Affairs Bldg	Francisco Meizoso	4	7/15
SPAN 2101	008/10144	M W F 5:40pm - 6:55pm 255 International Affairs Bldg	Francisco Meizoso	4	5/15
SPAN 2101	009/10145	T Th F 8:40am - 9:55am 412 Pupin Laboratories	Dolores Barbazan Capeans	4	12/15
SPAN 2101	010/10146	T Th F 10:10am - 11:25am 412 Pupin Laboratories	Dolores Barbazan Capeans	4	15/15
SPAN 2101	011/10147	T Th F 10:10am - 11:25am 315 Hamilton Hall	Reyes Llopis-Garcia	4	15/15
SPAN 2101	012/10149	T Th F 11:40am - 12:55pm 315 Hamilton Hall	Reyes Llopis-Garcia	4	15/15
SPAN 2101	013/10150	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Daniella Wurst	4	14/15
SPAN 2101	014/10151	T Th F 4:10pm - 5:25pm 254 International Affairs Bldg	Juan Pablo Cominguez	4	15/15
SPAN 2101	020/09630	M W Th 8:40am - 9:55am 202 Milbank Hall	Maria Lozano	4	15/15
SPAN 2101	021/09631	M W Th 10:10am - 11:25am 202 Milbank Hall	Maria Lozano	4	16/15
SPAN 2101	022/09632	Th 11:40am - 12:55pm 327 Milbank Hall	Leonor Pons Coll	4	17/15
SPAN 2101	022/09632	M W 11:40am - 12:55pm	Leonor Pons Coll	4	17/15

SPAN 2101	023/09633	328 Milbank Hall M W Th 1:10pm - 2:25pm 207 Milbank Hall	Leonor Pons Coll	4	14/15
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Spring 2020: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/16284	M W F 8:40am - 9:55am Room TBA	Javiera Iribarren Ortiz	4	15/15
SPAN 2101	002/16285	M W F 10:10am - 11:25am Room TBA	Manuela Luengas Solano	4	15/15
SPAN 2101	003/16286	M W F 10:10am - 11:25am Room TBA	Daniel Saenz	4	15/15
SPAN 2101	004/16287	M W F 11:40am - 12:55pm Room TBA	Eduardo Andres Vergara Torres	4	15/15
SPAN 2101	005/16288	M W F 11:40am - 12:55pm Room TBA	Tamara Hache	4	15/15
SPAN 2101	006/16289	T Th F 10:10am - 11:25am Room TBA	Brais Lamela Gomez	4	15/15
SPAN 2101	007/16290	T Th F 11:40am - 12:55pm Room TBA	Ramon Flores Pinedo	4	15/15
SPAN 2101	008/16292	T Th F 4:10pm - 5:25pm Room TBA	Jose Placido Ruiz-Campillo	4	15/15
SPAN 2101	009/16309	T Th F 5:40pm - 6:55pm Room TBA	Jose Placido Ruiz-Campillo	4	15/15
SPAN 2101	020/00623	M W Th 1:10pm - 2:25pm Room TBA	Leonor Pons Coll	4	15/15
SPAN 2101	021/00624	M W Th 2:40pm - 3:55pm Room TBA	Leonor Pons Coll	4	15/15

SPAN UN2102 Intermediate Spanish II. 4 points.

Prerequisites: SPAN UN2101 or a score of 450-625 in the department's Placement Examination.

An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing and culture as a continuation of SPAN UN2101. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/10152	M W F 8:40am - 9:55am 407 Hamilton Hall	Lorena Garcia Barroso	4	12/15
SPAN 2102	002/10153	M W F 10:10am - 11:25am 407 Hamilton Hall	Lorena Garcia Barroso	4	13/15
SPAN 2102	003/10154	M W F 11:40am - 12:55pm 407 Hamilton Hall	Lorena Garcia Barroso	4	9/15

SPAN 2102	004/10155	M W F 2:40pm - 3:55pm 522b Kent Hall	Leyre Alejaldre Biel	4	14/15
SPAN 2102	005/10156	M W F 4:10pm - 5:25pm 522b Kent Hall	Leyre Alejaldre Biel	4	14/15
SPAN 2102	006/10157	M W F 5:40pm - 6:55pm 522b Kent Hall	Leyre Alejaldre Biel	4	13/15
SPAN 2102	007/10158	T Th F 8:40am - 9:55am 413 Hamilton Hall	Diana Romero	4	10/15
SPAN 2102	008/10160	T Th F 10:10am - 11:25am 413 Hamilton Hall	Diana Romero	4	7/15
SPAN 2102	009/10161	T Th F 2:40pm - 3:55pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	12/15
SPAN 2102	010/10163	T Th F 11:40am - 12:55pm 411 Hamilton Hall	Angelina Craig-Florez	4	14/15
SPAN 2102	011/10165	T Th F 10:10am - 11:25am 411 Hamilton Hall	Angelina Craig-Florez	4	13/15
SPAN 2102	012/10166	T Th F 11:40am - 12:55pm 412 Pupin Laboratories	Dolores Barbazan Capeans	4	12/15
SPAN 2102	020/09636	T Th F 11:40am - 12:55pm 225 Milbank Hall	Maria Arce-Fernandez	4	13/15
SPAN 2102	021/09637	T Th F 2:40pm - 3:55pm 225 Milbank Hall	Maria Arce-Fernandez	4	12/15

Spring 2020: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/16256	M W F 8:40am - 9:55am Room TBA	Lorena Garcia Barroso	4	9/15
SPAN 2102	002/16257	M W F 10:10am - 11:25am Room TBA	Lorena Garcia Barroso	4	13/15
SPAN 2102	003/16258	M W F 11:40am - 12:55pm Room TBA	Lorena Garcia Barroso	4	14/15
SPAN 2102	004/16259	M W F 8:40am - 9:55am Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	005/16260	M W F 10:10am - 11:25am Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	006/16261	M W F 11:40am - 12:55pm Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	007/16262	M W F 10:10am - 11:25am Room TBA	Daniella Wurst	4	15/15
SPAN 2102	008/16263	M W F 2:40pm - 3:55pm Room TBA	Daniella Wurst	4	15/15
SPAN 2102	009/16264	T Th F 8:40am - 9:55am Room TBA	Diana Romero	4	2/15
SPAN 2102	010/16265	T Th F 10:10am - 11:25am Room TBA	Diana Romero	4	2/15

SPAN 2102 011/16266	T Th F 10:10am - 11:25am Room TBA	Angelina Craig-Florez	4	15/15
SPAN 2102 012/16267	T Th F 11:40am - 12:55pm Room TBA	Angelina Craig-Florez	4	15/15
SPAN 2102 013/16268	T Th F 2:40pm - 3:55pm Room TBA	Leyre Alejaldre Biel	4	15/15
SPAN 2102 014/16269	T Th F 4:10pm - 5:25pm Room TBA	Leyre Alejaldre Biel	4	15/15
SPAN 2102 015/16270	T Th F 5:40pm - 6:55pm Room TBA	Leyre Alejaldre Biel	4	9/15
SPAN 2102 020/00625	T Th F 8:40am - 9:55am Room TBA	Maria Lozano	4	13/15
SPAN 2102 021/00626	T Th F 10:10am - 11:25am Room TBA	Maria Lozano	4	15/15
SPAN 2102 022/00627	M W Th 11:40am - 12:55pm Room TBA	Maria Arce-Fernandez	4	15/15
SPAN 2102 023/00628	M W Th 1:10pm - 2:25pm Room TBA	Maria Arce-Fernandez	4	15/15

SPAN UN2103 HEALTH-RELATED TOPICS IN THE SPANISH-SPEAKING WORLD. 4 points.

Prerequisites: SPAN UN2101 or a score of 380-449 on the Department's placement examination.

This is an intensive course in Spanish language communicative competence with an emphasis on oral interaction, reading, writing, and culture at an Intermediate II level with focus on health-related topics in the Spanish-speaking world.

In an increasingly interconnected world, and in multilingual global cities such as New York City, the study of a foreign language is fundamental not only in the field of the humanities but also in the natural sciences. This interdisciplinary course analyzes the intersection between these two disciplines through the study of health-related topics in Iberian and Latin American cultural expressions (literature, film, documentaries, among other sources) in order to explore new critical perspectives across both domains. Students will learn health-related vocabulary and usage-based grammar in Spanish. Students will develop a cultural understanding of medicine, illness, and treatment in the Spanish-speaking world. Finally, students will be able to carry out specific collaborative tasks in Spanish with the aim of integrating language, culture, and health.

* This course fulfills the last semester of the foreign language requirement. Therefore, students who have taken SPAN UN 2101 (Intermediate Spanish I), or have a score of 380-449 on the Department's placement exam, and are interested in health-related topics may proceed and enroll in SPAN UN 2103 (Intermediate Spanish II: Health-Related Topics in the Spanish-Speaking World). Pre-med and pre-health students, as well as those students majoring in the natural sciences—including biology, general chemistry, organic chemistry, biochemistry, and physics—will

be given registration priority. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/10123	T Th F 2:40pm - 3:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	9/15

Spring 2020: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/16305	T Th F 2:40pm - 3:55pm Room TBA	Juan Pablo Cominguez	4	11/15

SPAN UN2108 Spanish for Spanish-Speaking Students. 4 points.

Prerequisites: *heritage knowledge of Spanish*. Students intending to register for this course must take the department's on-line Placement Examination. (<http://www.columbia.edu/cu/spanish/undergraduate/placeexam.html>) You should take this course if your recommended placement on this test is *SPAN UN2102* (a score of 450-624). If you place below *SPAN UN2102* you should follow the placement recommendation received with your test results. If you place above *SPAN UN2102*, you should choose between *SPAN UN3300* and *SPAN UN4900*. If in doubt, please consult with the Director of the Language Programs. Designed for native and non-native Spanish-speaking students who have oral fluency beyond the intermediate level but have had no formal language training.

Fall 2019: SPAN UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2108	001/09639	M W Th 1:10pm - 2:25pm 327 Milbank Hall	Jesus Suarez-Garcia	4	21/20

Spring 2020: SPAN UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2108	001/00629	M W Th 1:10pm - 2:25pm Room TBA	Jesus Suarez-Garcia	4	15/15

SPAN UN2120 Comprehensive Intermediate Spanish. 4 points.

Prerequisites: This course is an intensive and fast-paced coverage of both SPAN UN2101 and SPAN UN2102. Students MUST demonstrate a strong foundation in Spanish and meet the following REQUIREMENTS: a score ABOVE 480 on the Department's Placement Examination; or A- or higher in SPAN UN1120. If you fulfill the above requirements, you do not need the instructor's permission to register. HOWEVER, the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. Replaces the sequence SPAN UN2101-SPAN UN2102. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/10168	M W F 11:40am - 12:55pm 255 International Affairs Bldg	Francisca Aguilo Mora	4	12/15

Spring 2020: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/16276	M W F 11:40am - 12:55pm Room TBA	Daniella Wurst	4	8/15

SPAN UN3300 Advanced Language through Content [in Spanish]. 3 points.

Prerequisites: SPAN UN2102 or AP score of 4 or 5; or SAT score.

An intensive exposure to advanced points of Spanish grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Spanish. Each section is based on the exploration of an ample theme that serves as the organizing principle for the work done in class (Please consult the Directory of Classes (<http://www.columbia.edu/cu/bulletin/uwb/>) for the topic of each section.) This course is required for the major and the concentration in Hispanic Studies. Formerly SPAN W3200 and SPAN BC3004. If you have taken either of these courses before you cannot take SPAN UN3300. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/10169	M W 8:40am - 9:55am 201 Casa Hispanica	Juan Carlos Garzon Mantilla	3	15/15
SPAN 3300	002/10170	M W 10:10am - 11:25am 206 Casa Hispanica	Sara Garcia Fernandez	3	13/15
SPAN 3300	003/10173	T Th 10:10am - 11:25am 201 Casa Hispanica	Elvira Blanco	3	15/15
SPAN 3300	004/10182	T Th 11:40am - 12:55pm 607 Hamilton Hall	Juan Jimenez-Caicedo	3	13/15
SPAN 3300	005/10183	T Th 1:10pm - 2:25pm 313 Hamilton Hall	Francisco Rosales-Varo	3	14/15
SPAN 3300	006/10185	M W 1:10pm - 2:25pm 616 Hamilton Hall	Jennifer Calles Izquierdo	3	12/15
SPAN 3300	021/09654	M W 2:40pm - 3:55pm 903 Altschul Hall	Leonor Pons Coll	3	13/15
SPAN 3300	022/09648	M W 11:40am - 12:55pm 207 Milbank Hall	Maria Lozano	3	15/15
SPAN 3300	024/09662	T Th 1:10pm - 2:25pm 225 Milbank Hall	Maria Arce-Fernandez	3	14/15

Spring 2020: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SPAN 3300	001/14469	M W 8:40am - 9:55am Room TBA	Juan Carlos Garzon Mantilla	3	3/15
SPAN 3300	002/14346	M W 10:10am - 11:25am Room TBA	Sara Garcia Fernandez	3	8/15
SPAN 3300	003/14347	M W 11:40am - 12:55pm Room TBA	Jennifer Calles Izquierdo	3	13/15
SPAN 3300	004/14348	M W 1:10pm - 2:25pm Room TBA	Francisca Aguilo Mora	3	15/15
SPAN 3300	005/14349	T Th 10:10am - 11:25am Room TBA	Elvira Blanco	3	15/15
SPAN 3300	006/14351	T Th 2:40pm - 3:55pm Room TBA	Angelina Craig-Florez	3	15/15
SPAN 3300	007/14352	T Th 5:40pm - 6:55pm Room TBA	Guadalupe Ruiz-Fajardo	3	15/15
SPAN 3300	020/00630	M W 2:40pm - 3:55pm Room TBA	Jesus Suarez-Garcia	3	6/15
SPAN 3300	021/00631	T Th 11:40am - 12:55pm Room TBA	Antoni Fernandez Parera	3	6/15
SPAN 3300	022/00632	T Th 4:10pm - 5:25pm Room TBA	Javier Perez Zapatero	3	15/15

SPAN UN3349 Hispanic Cultures I: Islamic Spain through the Colonial Period. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: L" course: enrollment limited to 15 students. Completion of language requirement, third-year language sequence (W3300).

Provides students with an overview of the cultural history of the Hispanic world, from eighth-century Islamic and Christian Spain and the pre-Hispanic Americas through the late Middle Ages and Early Modern period until about 1700, covering texts and cultural artifacts from both Spain and the Americas.

Fall 2019: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/99285	T Th 1:10pm - 2:25pm 106b Lewisohn Hall	Alejandro Quintero Machler	3	11/15
SPAN 3349	002/47800	M W 11:40am - 12:55pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	14/15
SPAN 3349	003/13420	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Alexandra Mendez	3	14/15

Spring 2020: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/12163	M W 1:10pm - 2:25pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	15/15

SPAN 3349 020/00638 T Th 4:10pm - Orlando 3 14/15
5:25pm Bentancor
Room TBA

SPAN UN3350 Hispanic Cultures II: Enlightenment to the Present. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course surveys cultural production of Spain and Spanish America from the eighteenth to the twenty-first centuries. Students will acquire the knowledge needed for the study of the cultural manifestations of the Hispanic world in the context of modernity. Among the issues and events studied will be the Enlightenment as ideology and practice, the Napoleonic invasion of Spain, the wars of Spanish American independence, the fin-de-siècle and the cultural avant-gardes, the wars and revolutions of the twentieth century (Spanish Civil War, the Mexican and Cuban revolutions), neoliberalism, globalization, and the Hispanic presence in the United States. The goal of the course is to study some key moments of this trajectory through the analysis of representative texts, documents, and works of art. Class discussions will seek to situate the works studied within the political and cultural currents and debates of the time. All primary materials, class discussion, and assignments are in Spanish. *This course is required for the major and the concentration in Hispanic Studies.*

Fall 2019: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/99270	M W 10:10am - 11:25am 201 Casa Hispanica	Bego a Alberdi	3	15/15
SPAN 3350	002/99269	T Th 4:10pm - 5:25pm 652 Schermerhorn Hall	Felipe Becerra	3	11/15
SPAN 3350	003/99268	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	18/15
SPAN 3350	004/10311	M W 4:10pm - 5:25pm 424 Pupin Laboratories	Omar Duran-Garcia	3	6/15
SPAN 3350	020/09643	T Th 10:10am - 11:25am 225 Milbank Hall	Ronald Briggs	3	14/15

Spring 2020: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/12164	M W 10:10am - 11:25am 201 Casa Hispanica	Bego a Alberdi	3	15/15
SPAN 3350	002/12169	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Santiago Acosta	3	15/15
SPAN 3350	020/00639	T Th 10:10am - 11:25am Room TBA	Ronald Briggs	3	15/15

SPAN UN3362 What Is Ideology?. 3 points.

The populism that arguably defined twentieth century politics in Argentina challenged liberal and left wing thinkers to reconsider

the cultural imaginaries, habits, and organizational structures moving the masses. Irreducible to either doctrine or illusion, ideology would become the center of politics. The issue of what it is and how it works would likewise assume a pivotal place in both literature and social thought. This course will examine Argentinean narrative, film, political rhetoric, and social theory from the 1930s through the 1970s in order to explore the tension and intersection between two different approaches to the question of ideology. The first, which derives from moral and political philosophy, presumes that individuals are inherently free and asks why, given this condition, we would submit to the unjust authority of others. The second, which derives from the Marxist tradition, argues that ideas emerge from an exploitative social division of labor and yet blind the exploited (and exploiters) to these same material conditions. Combining these two approaches, the texts surveyed ponder the fact that while the genesis of our ideas and customs may be social and objective, they are only actualized and made relevant in the highly subjective realm of politics. We will study notions such as class and class-consciousness, the revolutionary party, the leader, populism, and madness in the work of Antonio Gramsci, Roberto Arlt, Jorge Luis Borges, Juan Domingo Perón, Ernesto Laclau, and Rodolfo Walsh, among others. Readings and discussions will be in Spanish. Hispanic Cultures II or special permission from the professor required.

Fall 2019: SPAN UN3362

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3362	001/99215	M W 2:40pm - 3:55pm 206 Casa Hispanica	Karen Benezra	3	2/15

SPAN UN3558 LATIN AMERICAN FILM. 3 points.

This course aims to give students an introductory overview of some of the most salient issues surrounding contemporary Latin American film since the late 1960s. Starting with a selection of films from the experimental “new cinema” or “third cinema” of the 1960s, we will also study the contemporary production of international blockbuster movies in the 2000s, in Argentina, Brazil, Cuba and Mexico. Topics to be covered include the relationship between cinema and underdevelopment; cinema and revolution; cinema and emancipation; documentary film and fiction; gender and sexuality; neoliberalism and the market; spectatorship and subjectivity.

SPAN UN3415 Marx at the Margins. 3 points.

Peruvian social thinker José Carlos Mariátegui called for the invention of a Latin American Marxism that would serve as “neither blueprint nor copy” (*ni calco ni copia*) of its European forbearers. Rather than studying the reception of Marxist theory in Latin America, this course will examine the ways in which leftist thinkers and artists produced new theories and forms in an attempt to respond to the historic specificity of the social processes and political movements around them. Beginning with the evolution of Marx’s own thought on the potential for socialist revolution in Latin America, we will read and analyze social theory, narrative, film and ethnography in order to grasp

the disjunctive and overlapping historical temporalities and social forms that characterize the articulation of capitalism in Latin America, as well as the unique political movements and theories that responded to it. In so doing, we will address questions such as the role of Spanish colonialism in the birth of the global capitalism; the co-existence and transformation of pre-capitalist and capitalist societies; the question of the nation as ideology and as political tool; the relationship between economic underdevelopment and political insurrection; and the dynamics of exploitation and political organization contemporarily. Authors to be studied include Marx, Martí, Mariátegui, Zavaleta Mercado, García Linera and Svampa, among others.

Fall 2019: SPAN UN3415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3415	001/47802	M W 4:10pm - 5:25pm 206 Casa Hispanica	Karen Benezra	3	6/15

SPAN UN3559 Interrogating Authoritarianism in Contemporary Spain. 3 points.

Prerequisites: reading knowledge of Spanish
Reading knowledge of Spanish is required.

By conceiving authoritarianism as a historically produced—and therefore historically changing—notion, we will travel across the twentieth and twenty-first centuries to examine how phenomena associated with different forms of political domination were understood in their time and how they are understood today. Nation-building processes, class and gender conflicts, cultural politics, and the examination of past and current political and social movements will be the center of our discussion.

Several questions will be raised (and hopefully answered) along this journey: How can we understand the specificity of Spanish forms of authoritarianism in the Euro-Atlantic scenario? How can we explain the reappearance of extreme right-wing populisms? How have transnational forces influenced old and new *authoritarian dynamics*? To address these issues, we will read essays, short stories, graphic novels, as well as theoretical texts that offer varied approaches to history, aesthetics, and politics. The works by writers Juan Marsé, Sara Mesa, Isaac Rosa, Carmen Martín Gaité, film-makers like Edgar Neville, José Luis Sáenz de Heredia, Carlos Saura or philosophers such as Benjamin, Adorno, Schmitt, Villacañas or Rodríguez Palop will be some of the materials from which to study the cultural logics of Spanish authoritarianism in a Global Age.

Fall 2019: SPAN UN3559

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3559	002/13403	M W 1:10pm - 2:25pm 206 Casa Hispanica	Ana Fernandez Cebrian	3	12/15

SPAN UN3574 Realism in Hispanic Film. 3 points.

This course traces the development of a certain style and idea in Hispanic film. The conception of the film image not as a visual artifice or a vehicle of imagination but rather as an ethical

representation of reality is at the chore of some of the most important films in Spain and Latin America. The assimilation of Italian Neorealism to different geo-political contexts offered Hispanic film-makers a privileged vehicle, not only to portray a social context in constant conflict but also to offer scripts of change from an aesthetic threshold conceived as always already political.

Fall 2019: SPAN UN3574

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3574	001/47808	T Th 2:40pm - 3:55pm 206 Casa Hispanica	Alberto Medina	3	2/15

SPAN UN3656 The Latin American Anthropocene. 3 points.

With its long history of colonialism, economic exploitation, and appropriation of natural resources, Latin America offers a privileged vantage point to study the arrival of the “Anthropocene,” a proposed new geological epoch (beginning roughly around the Industrial Revolution) where humans have become the main force shaping the planet. In order to shift the perspective away from the standard narrative of European development, this course invites students to collectively develop the idea of a “Latin American Anthropocene,” by drawing on examples from the visual arts, literature, and scientific and philosophical texts from the underdeveloped periphery. In the age of rising sea levels, mass extinction, and carbon-driven climate change, can our disciplines remain untouched by such an alarming state of affairs? This course encourages students to reflect on how the present ecological crisis forces us to break with traditional ways of understanding society, culture, and nature, as well as with common methods to interpret the past and imagine the future.

We will start by discussing how, in nineteenth- and early twentieth-century Latin America, “nature” (including animals and indigenous peoples) was envisioned as a blank slate ready to take in the arrival of modernity. As we move through the semester, students will evaluate how artists and intellectuals sustained or contested different capitalist development programs based on export commodities such as food crops, minerals, and petroleum. In the following sections, students will analyze cultural products linked to the impact of neoliberalism in the region and the contradictions that plagued the governments that came after its downfall. Near the end of the semester the class will address the question of hope and hopelessness in the face of climate change and the challenges posed by increasing political and environmental conflicts in Puerto Rico and the US-Mexico border.

The course also offers a panoramic view of Latin American culture by examining some key historical events and canonical authors (such as Jorge Luis Borges, Julio Cortázar, Alejo Carpentier, and Pablo Neruda), whose works can shed light on cultural and ideological processes at the root of climate change. By the end of the semester students will be able to formulate research questions that are critical to the field of Latin American cultural studies, as well as produce papers that are relevant to a broader debate about culture and ecology. The course, therefore, hopes to motivate

students—beyond the classroom—to examine their own place in an increasingly warming world.

Fall 2019: SPAN UN3656

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3656	001/10606	T Th 1:10pm - 2:25pm 206 Casa Hispanica	Santiago Acosta	3	7/15

SPAN UN3692 Labor Culture in Twentieth-Century Latin America. 3 points.

Industrial modernization often went hand-in-hand with the constitution of a new kind of national-popular culture during the twentieth century in Latin America. For many such projects, becoming a political subject meant being a worker. This course will interrogate the ways in which labor and culture informed and produced one another, from the Mexican muralists' use of industrial materials and techniques in the 1920s in the constitution of a their spectators to the creation of the "credit card citizen; of consumption in the late 1990s. Class discussions and writing assignments will analyze novels, essays, short stories, chronicles, films and works of visual art in order to pose and answer some of the following questions: How is work imagined and represented at different historical moments and what ideological role might such representations play? How do artists and writers think about the nature, organization and political import of their work in relation to other kinds of intellectual and manual labor? In what ways and in what contexts do labor and labor movements become the protagonists of radical political change? Alternatively, to what extent do the tactics of political revolution imply a laborious exercise of their own? How do such artists, writers and thinkers conceive of work before and after capitalism? Authors to be studied may include Diego Rivera, Alfaro Siqueiros, Jorge Luis Borges, Eduardo Coutinho, José Carlos Mariátegui and Ernesto Guevara, among others.

SPAN UN3710 20th Century Latin American Literature. 3 points.

A survey of major works and authors in their historical and personal context, with emphasis on lyric poetry, narrative and essay.

Fall 2019: SPAN UN3710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3710	001/47803	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	17/15

SPAN UN3991 Senior Seminar. 4 points.

Prerequisites: Seniors (major or concentrator status).

The course is a requirement for all the LAIC majors. In this seminar, students develop an individual research project and write an essay under the guidance of the course's instructor and in dialogue with the other participants' projects. After an introductory theoretical and methodological section, and a research session at the library, the syllabus is entirely constructed on the students' projects. Every participant is in charge of a weekly session. Essay outlines and drafts are discussed with the group

throughout the semester. The final session is a public symposium with external respondents.

Fall 2019: SPAN UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3991	002/47817	T 10:10am - 12:00pm 505 Casa Hispanica	Seth Kimmel	4	10/15

SPAN UN3998 Supervised Individual Research (Spring). 3 points.

Prerequisites: the director of undergraduate studies' permission. Students register in this course while they pursue independent study work under the supervision of a faculty member during the spring semester.

Fall 2019: SPAN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/99321		Seth Kimmel	3	0/5

Spring 2020: SPAN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/19918		Seth Kimmel	3	1/5
SPAN 3998	002/19919		Ana Fernandez Cebrian	3	1/5
SPAN 3998	003/34792		Francisca Aguilo Mora	3	0/1
SPAN 3998	004/35041		Graciela Montaldo	3	1/1

PORTUGUESE

PORT UN1101 Elementary Portuguese I. 4 points.

A beginning course designed for students who wish to start their study of Portuguese and have no proficiency in another Romance language. The four language skills: listening, speaking, reading, and writing are developed at the basic level.

Fall 2019: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/47810	T Th F 11:40am - 12:55pm 116 Knox Hall	Iuri Bauler Pereira	4	8/15

Spring 2020: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/15798	M W Th 1:10pm - 2:25pm Room TBA	Ana Huback	4	10/15

PORT UN1102 Elementary Portuguese II. 4 points.

Prerequisites: *PORT W1101* or the equivalent.

A course designed to acquaint students with the Portuguese verbal, prepositional, and pronominal systems. As a continuation of Elementary Portuguese I (*PORT W1101*), this course focuses on

the uses of characteristic forms and expressions of the language as it is spoken and written in Brazil today.

Fall 2019: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/47812	M W Th 8:40am - 9:55am 505 Casa Hispanica	Jose Castellanos-Pazos	4	4/15

Spring 2020: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/15799	T Th F 11:40am - 12:55pm Room TBA	Joao Nemi Neto	4	9/15

PORT UN1320 Comprehensive Elementary Portuguese I and II for Spanish Speakers. 4 points.

Prerequisites: knowledge of Spanish or another Romance language.

An intensive beginning language course in Brazilian Portuguese with emphasis on Brazilian culture through multimedia materials related to culture and society in contemporary Brazil. Recommended for students who have studied Spanish or another Romance language. The course is the equivalent of two full semesters of elementary Portuguese with stress on reading and conversing, and may be taken in place of *PORT W1101-W1102*. For students unable to dedicate the time needed cover two semesters in one, the regularly paced sequence *PORT W1101-W1102* is preferable.

Fall 2019: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/47811	T Th 10:10am - 12:00pm 253 International Affairs Bldg	Jose Castellanos-Pazos	4	12/15
PORT 1320	002/47813	M W 10:10am - 12:00pm 412 Pupin Laboratories	Jose Castellanos-Pazos	4	9/15

Spring 2020: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/15800	M W 10:10am - 12:00pm Room TBA	Jose Castellanos-Pazos	4	9/15
PORT 1320	002/15801	T Th 2:10pm - 4:00pm Room TBA	Joao Nemi Neto	4	9/15

PORT UN2101 Intermediate Portuguese I. 4 points.

Prerequisites: *PORT W1120* or the equivalent.

General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion.

Fall 2019: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/47814	M W F 2:40pm - 3:55pm	Ana Huback	4	6/15

255 International Affairs Bldg

Spring 2020: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/15802	M W Th 2:40pm - 3:55pm Room TBA	Ana Huback	4	7/15

PORT UN2120 Comprehensive Intermediate Portuguese. 4 points.

Prerequisites: PORT UN1102 or PORT UN1320.

Prerequisites: this course is an intensive and fast-paced coverage of both PORT UN2101 and PORT UN2102. Students MUST demonstrate a strong foundation in Portuguese and meet the following REQUIREMENT: A- or higher in PORT UN1102 or PORT UN1320. If you fulfill the above requirement, you do not need the instructor's permission to register. HOWEVER the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. This course replaces the sequence PORT UN2101-PORT UN2102.

Fall 2019: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/47816	M W F 1:10pm - 2:25pm 255 International Affairs Bldg	Ana Huback	4	3/15

Spring 2020: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/15804	T Th F 2:40pm - 3:55pm Room TBA	Iuri Bauler Pereira	4	2/15

PORT UN3101 Conversation about the Lusophone World. 3 points.

Prerequisites: *PORT W1220*.

This conversation class will help students develop their oral proficiency in Portuguese. We will discuss current events, participate in challenging pronunciation exercises, improve understanding of Portuguese idioms, develop conversation strengths, confront weaknesses, and increase fluency in spoken Portuguese.

PORT UN3300 Advanced Language through Content. 3 points.

Corequisites: PORT UN1220

An intensive exposure to advanced points of Portuguese grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Portuguese. This course is required for the concentration in Portuguese Studies. "This course is intended to improve Portuguese language skills in grammar, comprehension, and critical thinking through an archive of texts from literature, film, music, newspapers, critical reception and more. To do so, we will work through Portuguese-speaking communities and cultures from Brazil, to Portugal and Angola, during the twentieth and twenty-first century, to consider the mode in which genre, gender

and sexuality materialize and are codified, disoriented, made, unmade and refigured through cultural productions, bodies, nation and resistant vernaculars of aesthetics and performance, always attentive to the intersections of gender with class and racism.

Fall 2019: PORT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	002/47799	T Th 11:40am - 12:55pm 206 Casa Hispanica	Yudi Koike	3	8/15

PORT UN3601 Race, Medicine and Literature in 19th-Century Brazil. 3 points. Not offered during 2019-20 academic year.

Prerequisites: Knowledge of Portuguese
We will read and discuss how racial ideologies like “whitening,” “miscegenation” and “racial democracy” played critical roles in Brazil’s transition to a republic. We will examine movements such as romanticism, naturalism and positivism in literary and visual works. Throughout, we will analyze literature, illustrations and photography that constructed a relationship between race, science, and medicine to better understand the role that scientific racism played in constructing discourses about national identity. We will read abolitionist writings and anti-racist works that contested these ideologies. We will discuss these issues through the lenses of migration, religion, urbanization, gender, sexuality, and class. Course texts include a range of materials including literature, chronicles, short stories, vaudeville, carnival parades, songs, music, photography, and newspaper articles. Throughout, students will gain a vivid picture of Brazilian society in the early stages of nation building, which will provide new ways of understanding and addressing contemporary challenges in Brazil and beyond.

The course will be taught in Portuguese.

Fall 2019: PORT UN3601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3601	001/13152	M W 1:10pm - 2:25pm 201 Casa Hispanica	Ana Lee	3	3/15

CATALAN

CATL UN1120 Comprehensive Beginning Catalan. 4 points.

An extensive introduction to the Catalan language with an emphasis on oral communication as well as the reading and writing practice that will allow the student to function comfortably in a Catalan environment.

Fall 2019: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/10223	T Th 12:10pm - 2:00pm 255 International Affairs Bldg	Elsa Ubeda	4	6/15

Spring 2020: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/14187	T Th 12:10pm - 2:00pm Room TBA	Elsa Ubeda	4	3/15

CATL UN2102 Intermediate Catalan II. 4 points.

Prerequisites: CATL UN2101 or equivalent.

Catalan UN2102 is the second part of Columbia University's intermediate Catalan sequence. Course goals are to enhance student exposure to various aspects of Catalan culture and to consolidate and expand reading, writing, speaking, and listening skills.

Fall 2019: CATL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/47819	T Th 10:10am - 12:00pm 255 International Affairs Bldg	Elsa Ubeda	4	4/15

CATL UN3300 Advanced Catalan Through Content: Language and Identity in Contemporary Catalonia. 4 points.

An examination of the political, cultural, and artistic history in Modern and Contemporary Catalonia and its role in the building of its sociolinguistic identity. Material includes literary, academic, and media readings and audiovisual and online resources.

Fall 2019: CATL UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 3300	001/47820	T Th 8:10am - 10:00am 255 International Affairs Bldg	Elsa Ubeda	4	2/15

OF RELATED INTEREST

Art History and Archaeology

AHIS G4085	Andean Art and Architecture
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American Studies

AMST UN3920	American Studies Senior Project Colloquium
AMST UN3931	Topics in American Studies

Anthropology

ANTH UN3983	Ideas and Society in the Caribbean
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Center for the Study of Ethnicity and Race

CSER UN1601	Introduction to Latino/a Studies
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Institute for Comparative Literature and Society

CPLS UN3900	Introduction to Comparative Literature and Society
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Political Science

POLS UN3245	Race and Ethnicity In American Politics
POLS UN3260	The Latino Political Experience
POLS GU4461	Latin American Politics
POLS V3313	American Urban Politics

Sociology

SOCI V3247 The Immigrant Experience, Old and New

SPRING 2020 SPANISH

SPAN UN1101 Elementary Spanish I. 4 points.

Prerequisites: a score of 0-279 in the department's Placement Examination.

An introduction to Spanish communicative competence, with stress on basic oral interaction, reading, writing, and cultural knowledge. Principal objectives are to understand and produce commonly used sentences to satisfy immediate needs; ask and answer questions about personal details such as where we live, people we know and things we have; interact in a simple manner with people who speak clearly, slowly and are ready to cooperate; and understand simple and short written and audiovisual texts in Spanish. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/10111	M W F 8:40am - 9:55am 411 Kent Hall	Francisca Aguilo Mora	4	15/15
SPAN 1101	002/10112	M W F 10:10am - 11:25am 501 International Affairs Bldg	Francisca Aguilo Mora	4	13/15
SPAN 1101	003/10113	M W F 10:10am - 11:25am 401 Hamilton Hall	Lee Abraham	4	14/15
SPAN 1101	004/10114	M W F 11:40am - 12:55pm 318 Hamilton Hall	Lee Abraham	4	15/15
SPAN 1101	005/10115	T Th F 8:40am - 9:55am 607 Hamilton Hall	Juan Jimenez-Caicedo	4	15/15
SPAN 1101	006/10116	T Th F 10:10am - 11:25am 607 Hamilton Hall	Juan Jimenez-Caicedo	4	15/15
SPAN 1101	007/10117	T Th F 11:40am - 12:55pm 313 Hamilton Hall	Francisco Rosales-Varo	4	16/15
SPAN 1101	008/10118	T Th F 2:40pm - 3:55pm 313 Hamilton Hall	Francisco Rosales-Varo	4	15/15
SPAN 1101	009/10119	T Th F 4:10pm - 5:25pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	15/15
SPAN 1101	010/10120	T Th F 5:40pm - 6:55pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	13/15
SPAN 1101	020/09666	M W Th 11:40am - 12:55pm 202 Milbank Hall	Jesus Suarez-Garcia	4	17/15
SPAN 1101	021/09667	T Th F 8:40am - 9:55am 207 Milbank Hall	Antoni Fernandez Parera	4	14/15
SPAN 1101	022/09668	T Th F 2:40pm - 3:55pm 202 Milbank Hall	Javier Perez Zapatero	4	16/15

Spring 2020: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/16297	M W F 8:40am - 9:55am Room TBA	Irene Alonso-Aparicio	4	15/15
SPAN 1101	002/16298	M W F 10:10am - 11:25am Room TBA	Irene Alonso-Aparicio	4	15/15
SPAN 1101	003/16299	M W F 11:40am - 12:55pm Room TBA	Irene Alonso-Aparicio	4	15/15
SPAN 1101	004/16300	T Th F 10:10am - 11:25am Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101	005/16680	T Th F 11:40am - 12:55pm Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101	006/16683	T Th F 2:40pm - 3:55pm Room TBA	Reyes Llopis-Garcia	4	15/15
SPAN 1101	007/16685	T Th F 4:10pm - 5:25pm Room TBA	Juan Pablo Cominguez	4	15/15
SPAN 1101	008/16686	T Th F 5:40pm - 6:55pm Room TBA	Juan Pablo Cominguez	4	15/15
SPAN 1101	020/00617	M W Th 11:40am - 12:55pm Room TBA	Leonor Pons Coll	4	15/15
SPAN 1101	021/00618	M W Th 2:40pm - 3:55pm Room TBA	Maria Arce-Fernandez	4	15/15

SPAN UN1102 Elementary Spanish II. 4 points.

Prerequisites: SPAN UN1101 or a score of 280-379 in the department's Placement Examination.

An intensive introduction to Spanish language communicative competence, with stress on basic oral interaction, reading, writing and cultural knowledge as a continuation of SPAN UN1101. The principal objectives are to understand sentences and frequently used expressions related to areas of immediate relevance; communicate in simple and routine tasks requiring a direct exchange of information on familiar matters; describe in simple terms aspects of our background and personal history; understand the main point, the basic content, and the plot of filmic as well as short written texts. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/10124	M W F 8:40am - 9:55am 206 Casa Hispanica	Javiera Irribarren Ortiz	4	15/15
SPAN 1102	002/10125	M W F 10:10am - 11:25am 327 Seeley W. Mudd Building	Manuela Luengas Solano	4	15/15
SPAN 1102	003/10126	M W F 11:40am - 12:55pm 206 Casa Hispanica	Tamara Hache	4	15/15
SPAN 1102	004/10127	M W F 11:40am - 12:55pm 607 Hamilton Hall	Eduardo Andres Vergara Torres	4	14/15

SPAN 1102 005/10128	T Th F 8:40am - 9:55am 201 Casa Hispanica	Brais Lamela Gomez	4	15/15
SPAN 1102 006/10129	T Th F 10:10am - 11:25am 206 Casa Hispanica	Daniel Saenz	4	15/15
SPAN 1102 007/10131	T Th F 11:40am - 12:55pm 411 Kent Hall	Ramon Flores Pinedo	4	14/15
SPAN 1102 008/10132	T Th F 4:10pm - 5:25pm 509 Hamilton Hall	Jose Placido Ruiz-Campillo	4	15/15
SPAN 1102 009/10133	T Th F 5:40pm - 6:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	15/15
SPAN 1102 020/09634	T Th F 10:10am - 11:25am 207 Milbank Hall	Antoni Fernandez Parera	4	14/15
SPAN 1102 021/09635	T Th F 11:40am - 12:55pm 207 Milbank Hall	Antoni Fernandez Parera	4	14/15

Spring 2020: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/16310	M W F 8:40am - 9:55am Room TBA	Francisca Aguilo Mora	4	15/15
SPAN 1102	002/16311	M W F 10:10am - 11:25am Room TBA	Francisca Aguilo Mora	4	15/15
SPAN 1102	003/16312	M W F 10:10am - 11:25am Room TBA	Omar Duran-Garcia	4	15/15
SPAN 1102	004/16313	M W F 11:40am - 12:55pm Room TBA	Lee Abraham	4	14/15
SPAN 1102	005/16314	M W F 11:40am - 12:55pm Room TBA	Anayvelyse Allen-Mossman	4	13/15
SPAN 1102	006/16315	T Th F 8:40am - 9:55am Room TBA	Juan Jimenez-Caicedo	4	12/15
SPAN 1102	007/16316	T Th F 10:10am - 11:25am Room TBA	Juan Jimenez-Caicedo	4	15/15
SPAN 1102	008/16317	T Th F 11:40am - 12:55pm Room TBA	Juan Jimenez-Caicedo	4	15/15
SPAN 1102	009/16318	T Th F 10:10am - 11:25am Room TBA	Francisco Rosales-Varo	4	15/15
SPAN 1102	010/16319	T Th F 11:40am - 12:55pm Room TBA	Francisco Rosales-Varo	4	13/15
SPAN 1102	011/16320	T Th F 2:40pm - 3:55pm Room TBA	Francisco Meizoso	4	5/15
SPAN 1102	012/16321	T Th F 4:10pm - 5:25pm Room TBA	Francisco Meizoso	4	8/15
SPAN 1102	013/16322	T Th F 5:40pm - 6:55pm Room TBA	Francisco Meizoso	4	3/15
SPAN 1102	020/00619	M W Th 11:40am - 12:55pm Room TBA	Jesus Suarez-Garcia	4	15/15

SPAN 1102 021/00620	T Th F 8:40am - 9:55am Room TBA	Antoni Fernandez Parera	4	7/15
SPAN 1102 022/00621	T Th F 10:10am - 11:25am Room TBA	Antoni Fernandez Parera	4	12/15
SPAN 1102 023/00622	T Th F 2:40pm - 3:55pm Room TBA	Javier Perez Zapatero	4	16/15

SPAN UN1113 Spanish Rapid Reading and Translation. 3 points.

Open to graduate students in GSAS only.

This course, conducted in English, is designed to help graduate students from other departments gain proficiency in reading and translating Spanish texts for scholarly research. The course prepares students to take the Reading Proficiency Exam that most graduate departments demand to fulfill the foreign-language proficiency requirement in that language. Graduate students with any degree of knowledge of Spanish are welcome. A grade of A- or higher in this class will satisfy the GSAS foreign language proficiency requirement in Spanish.

Spring 2020: SPAN UN1113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113	001/12021	W 4:10pm - 6:00pm 505 Casa Hispanica	Alexandra Mendez	3	6/15

SPAN UN1120 Comprehensive Beginning Spanish. 4 points.

Prerequisites: This course is an intensive and fast-paced coverage of both SPAN UN1101 and SPAN UN1102. Students MUST meet the following REQUIREMENTS: 1. A minimum of 3 years of high school Spanish (or the equivalent) AND a score of 330 or above in the Department's Placement Examination, OR 2. fluency in a language other than English (preferably another Romance language). If you fulfill the above requirements, you do not need instructor's permission to register. HOWEVER, the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. Replaces the sequence SPAN UN1101-SPAN UN1102. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/10121	T Th F 11:40am - 12:55pm 413 Hamilton Hall	Diana Romero	4	10/15

Spring 2020: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/16273	T Th F 11:40am - 12:55pm Room TBA	Diana Romero	4	6/15

SPAN UN2101 Intermediate Spanish I. 4 points.

Prerequisites: SPAN UN1102 or SPAN UN1120 or a score of 380-449 in the department's Placement Examination.

An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing, and culture as a continuation of SPAN UN1102 or SPAN UN1120. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/10135	M W F 8:40am - 9:55am C01 80 Claremont	Daniella Wurst	4	12/15
SPAN 2101	002/10136	M W F 10:10am - 11:25am 253 International Affairs Bldg	Daniella Wurst	4	15/15
SPAN 2101	003/10137	M W F 8:40am - 9:55am 402 Hamilton Hall	Irene Alonso-Aparicio	4	14/15
SPAN 2101	004/10138	M W F 10:10am - 11:25am 402 Hamilton Hall	Irene Alonso-Aparicio	4	15/15
SPAN 2101	005/10140	M W F 11:40am - 12:55pm 402 Hamilton Hall	Irene Alonso-Aparicio	4	15/15
SPAN 2101	006/10142	M W F 2:40pm - 3:55pm 254 International Affairs Bldg	Francisco Meizoso	4	7/15
SPAN 2101	007/10143	M W F 4:10pm - 5:25pm 253 International Affairs Bldg	Francisco Meizoso	4	7/15
SPAN 2101	008/10144	M W F 5:40pm - 6:55pm 255 International Affairs Bldg	Francisco Meizoso	4	5/15
SPAN 2101	009/10145	T Th F 8:40am - 9:55am 412 Pupin Laboratories	Dolores Barbazan Capeans	4	12/15
SPAN 2101	010/10146	T Th F 10:10am - 11:25am 412 Pupin Laboratories	Dolores Barbazan Capeans	4	15/15
SPAN 2101	011/10147	T Th F 10:10am - 11:25am 315 Hamilton Hall	Reyes Llopis-Garcia	4	15/15
SPAN 2101	012/10149	T Th F 11:40am - 12:55pm 315 Hamilton Hall	Reyes Llopis-Garcia	4	15/15
SPAN 2101	013/10150	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Daniella Wurst	4	14/15
SPAN 2101	014/10151	T Th F 4:10pm - 5:25pm 254 International Affairs Bldg	Juan Pablo Cominguez	4	15/15
SPAN 2101	020/09630	M W Th 8:40am - 9:55am 202 Milbank Hall	Maria Lozano	4	15/15
SPAN 2101	021/09631	M W Th 10:10am - 11:25am 202 Milbank Hall	Maria Lozano	4	16/15

SPAN 2101	022/09632	Th 11:40am - 12:55pm 327 Milbank Hall	Leonor Pons Coll	4	17/15
SPAN 2101	022/09632	M W 11:40am - 12:55pm 328 Milbank Hall	Leonor Pons Coll	4	17/15
SPAN 2101	023/09633	M W Th 1:10pm - 2:25pm 207 Milbank Hall	Leonor Pons Coll	4	14/15

Spring 2020: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/16284	M W F 8:40am - 9:55am Room TBA	Javiera Irribarren Ortiz	4	15/15
SPAN 2101	002/16285	M W F 10:10am - 11:25am Room TBA	Manuela Luengas Solano	4	15/15
SPAN 2101	003/16286	M W F 10:10am - 11:25am Room TBA	Daniel Saenz	4	15/15
SPAN 2101	004/16287	M W F 11:40am - 12:55pm Room TBA	Eduardo Andres Vergara Torres	4	15/15
SPAN 2101	005/16288	M W F 11:40am - 12:55pm Room TBA	Tamara Hache	4	15/15
SPAN 2101	006/16289	T Th F 10:10am - 11:25am Room TBA	Brais Lamela Gomez	4	15/15
SPAN 2101	007/16290	T Th F 11:40am - 12:55pm Room TBA	Ramon Flores Pinedo	4	15/15
SPAN 2101	008/16292	T Th F 4:10pm - 5:25pm Room TBA	Jose Placido Ruiz-Campillo	4	15/15
SPAN 2101	009/16309	T Th F 5:40pm - 6:55pm Room TBA	Jose Placido Ruiz-Campillo	4	15/15
SPAN 2101	020/00623	M W Th 1:10pm - 2:25pm Room TBA	Leonor Pons Coll	4	15/15
SPAN 2101	021/00624	M W Th 2:40pm - 3:55pm Room TBA	Leonor Pons Coll	4	15/15

SPAN UN2102 Intermediate Spanish II. 4 points.

Prerequisites: SPAN UN2101 or a score of 450-625 in the department's Placement Examination.

An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing and culture as a continuation of SPAN UN2101. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/10152	M W F 8:40am - 9:55am 407 Hamilton Hall	Lorena Garcia Barroso	4	12/15
SPAN 2102	002/10153	M W F 10:10am - 11:25am 407 Hamilton Hall	Lorena Garcia Barroso	4	13/15

SPAN 2102 003/10154	M W F 11:40am - 12:55pm 407 Hamilton Hall	Lorena Garcia Barroso	4	9/15	SPAN 2102 010/16265	T Th F 10:10am - 11:25am Room TBA	Diana Romero	4	2/15
SPAN 2102 004/10155	M W F 2:40pm - 3:55pm 522b Kent Hall	Leyre Alejaldre Biel	4	14/15	SPAN 2102 011/16266	T Th F 10:10am - 11:25am Room TBA	Angelina Craig-Florez	4	15/15
SPAN 2102 005/10156	M W F 4:10pm - 5:25pm 522b Kent Hall	Leyre Alejaldre Biel	4	14/15	SPAN 2102 012/16267	T Th F 11:40am - 12:55pm Room TBA	Angelina Craig-Florez	4	15/15
SPAN 2102 006/10157	M W F 5:40pm - 6:55pm 522b Kent Hall	Leyre Alejaldre Biel	4	13/15	SPAN 2102 013/16268	T Th F 2:40pm - 3:55pm Room TBA	Leyre Alejaldre Biel	4	15/15
SPAN 2102 007/10158	T Th F 8:40am - 9:55am 413 Hamilton Hall	Diana Romero	4	10/15	SPAN 2102 014/16269	T Th F 4:10pm - 5:25pm Room TBA	Leyre Alejaldre Biel	4	15/15
SPAN 2102 008/10160	T Th F 10:10am - 11:25am 413 Hamilton Hall	Diana Romero	4	7/15	SPAN 2102 015/16270	T Th F 5:40pm - 6:55pm Room TBA	Leyre Alejaldre Biel	4	9/15
SPAN 2102 009/10161	T Th F 2:40pm - 3:55pm 405 Kent Hall	Guadalupe Ruiz-Fajardo	4	12/15	SPAN 2102 020/00625	T Th F 8:40am - 9:55am Room TBA	Maria Lozano	4	13/15
SPAN 2102 010/10163	T Th F 11:40am - 12:55pm 411 Hamilton Hall	Angelina Craig-Florez	4	14/15	SPAN 2102 021/00626	T Th F 10:10am - 11:25am Room TBA	Maria Lozano	4	15/15
SPAN 2102 011/10165	T Th F 10:10am - 11:25am 411 Hamilton Hall	Angelina Craig-Florez	4	13/15	SPAN 2102 022/00627	M W Th 11:40am - 12:55pm Room TBA	Maria Arce-Fernandez	4	15/15
SPAN 2102 012/10166	T Th F 11:40am - 12:55pm 412 Pupin Laboratories	Dolores Barbazan Capeans	4	12/15	SPAN 2102 023/00628	M W Th 1:10pm - 2:25pm Room TBA	Maria Arce-Fernandez	4	15/15
SPAN 2102 020/09636	T Th F 11:40am - 12:55pm 225 Milbank Hall	Maria Arce-Fernandez	4	13/15					
SPAN 2102 021/09637	T Th F 2:40pm - 3:55pm 225 Milbank Hall	Maria Arce-Fernandez	4	12/15					

Spring 2020: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/16256	M W F 8:40am - 9:55am Room TBA	Lorena Garcia Barroso	4	9/15
SPAN 2102	002/16257	M W F 10:10am - 11:25am Room TBA	Lorena Garcia Barroso	4	13/15
SPAN 2102	003/16258	M W F 11:40am - 12:55pm Room TBA	Lorena Garcia Barroso	4	14/15
SPAN 2102	004/16259	M W F 8:40am - 9:55am Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	005/16260	M W F 10:10am - 11:25am Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	006/16261	M W F 11:40am - 12:55pm Room TBA	Dolores Barbazan Capeans	4	15/15
SPAN 2102	007/16262	M W F 10:10am - 11:25am Room TBA	Daniella Wurst	4	15/15
SPAN 2102	008/16263	M W F 2:40pm - 3:55pm Room TBA	Daniella Wurst	4	15/15
SPAN 2102	009/16264	T Th F 8:40am - 9:55am Room TBA	Diana Romero	4	2/15

SPAN UN2103 HEALTH-RELATED TOPICS IN THE SPANISH-SPEAKING WORLD. 4 points.

Prerequisites: SPAN UN2101 or a score of 380-449 on the Department's placement examination.

This is an intensive course in Spanish language communicative competence with an emphasis on oral interaction, reading, writing, and culture at an Intermediate II level with focus on health-related topics in the Spanish-speaking world.

In an increasingly interconnected world, and in multilingual global cities such as New York City, the study of a foreign language is fundamental not only in the field of the humanities but also in the natural sciences. This interdisciplinary course analyzes the intersection between these two disciplines through the study of health-related topics in Iberian and Latin American cultural expressions (literature, film, documentaries, among other sources) in order to explore new critical perspectives across both domains. Students will learn health-related vocabulary and usage-based grammar in Spanish. Students will develop a cultural understanding of medicine, illness, and treatment in the Spanish-speaking world. Finally, students will be able to carry out specific collaborative tasks in Spanish with the aim of integrating language, culture, and health.

* This course fulfills the last semester of the foreign language requirement. Therefore, students who have taken SPAN UN 2101 (Intermediate Spanish I), or have a score of 380-449 on the Department's placement exam, and are interested in health-related topics may proceed and enroll in SPAN UN 2103 (Intermediate Spanish II: Health-Related Topics in the Spanish-Speaking World). Pre-med and pre-health students, as well as those students

majoring in the natural sciences—including biology, general chemistry, organic chemistry, biochemistry, and physics—will be given registration priority. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/10123	T Th F 2:40pm - 3:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	9/15

Spring 2020: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/16305	T Th F 2:40pm - 3:55pm Room TBA	Juan Pablo Cominguez	4	11/15

SPAN UN2120 Comprehensive Intermediate Spanish. 4 points.

Prerequisites: This course is an intensive and fast-paced coverage of both SPAN UN2101 and SPAN UN2102. Students MUST demonstrate a strong foundation in Spanish and meet the following REQUIREMENTS: a score ABOVE 480 on the Department's Placement Examination; or A- or higher in SPAN UN1120. If you fulfill the above requirements, you do not need the instructor's permission to register. HOWEVER, the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. Replaces the sequence SPAN UN2101-SPAN UN2102. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/10168	M W F 11:40am - 12:55pm 255 International Affairs Bldg	Francisca Aguilo Mora	4	12/15

Spring 2020: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/16276	M W F 11:40am - 12:55pm Room TBA	Daniella Wurst	4	8/15

SPAN UN3300 Advanced Language through Content [in Spanish]. 3 points.

Prerequisites: SPAN UN2102 or AP score of 4 or 5; or SAT score. An intensive exposure to advanced points of Spanish grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Spanish. Each section is based on the exploration of an ample theme that serves as the organizing principle for the work done in class (Please consult the Directory of Classes (<http://www.columbia.edu/cu/bulletin/uwb/>) for the topic of each section.) This course is required for the major and the concentration in Hispanic Studies. Formerly SPAN W3200 and SPAN BC3004. If you have taken either of these courses before

you cannot take SPAN UN3300. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

Fall 2019: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/10169	M W 8:40am - 9:55am 201 Casa Hispanica	Juan Carlos Garzon Mantilla	3	15/15
SPAN 3300	002/10170	M W 10:10am - 11:25am 206 Casa Hispanica	Sara Garcia Fernandez	3	13/15
SPAN 3300	003/10173	T Th 10:10am - 11:25am 201 Casa Hispanica	Elvira Blanco	3	15/15
SPAN 3300	004/10182	T Th 11:40am - 12:55pm 607 Hamilton Hall	Juan Jimenez-Caicedo	3	13/15
SPAN 3300	005/10183	T Th 1:10pm - 2:25pm 313 Hamilton Hall	Francisco Rosales-Varo	3	14/15
SPAN 3300	006/10185	M W 1:10pm - 2:25pm 616 Hamilton Hall	Jennifer Calles Izquierdo	3	12/15
SPAN 3300	021/09654	M W 2:40pm - 3:55pm 903 Altschul Hall	Leonor Pons Coll	3	13/15
SPAN 3300	022/09648	M W 11:40am - 12:55pm 207 Milbank Hall	Maria Lozano	3	15/15
SPAN 3300	024/09662	T Th 1:10pm - 2:25pm 225 Milbank Hall	Maria Arce-Fernandez	3	14/15

Spring 2020: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/14469	M W 8:40am - 9:55am Room TBA	Juan Carlos Garzon Mantilla	3	3/15
SPAN 3300	002/14346	M W 10:10am - 11:25am Room TBA	Sara Garcia Fernandez	3	8/15
SPAN 3300	003/14347	M W 11:40am - 12:55pm Room TBA	Jennifer Calles Izquierdo	3	13/15
SPAN 3300	004/14348	M W 1:10pm - 2:25pm Room TBA	Francisca Aguilo Mora	3	15/15
SPAN 3300	005/14349	T Th 10:10am - 11:25am Room TBA	Elvira Blanco	3	15/15
SPAN 3300	006/14351	T Th 2:40pm - 3:55pm Room TBA	Angelina Craig-Florez	3	15/15
SPAN 3300	007/14352	T Th 5:40pm - 6:55pm Room TBA	Guadalupe Ruiz-Fajardo	3	15/15
SPAN 3300	020/00630	M W 2:40pm - 3:55pm Room TBA	Jesus Suarez-Garcia	3	6/15
SPAN 3300	021/00631	T Th 11:40am - 12:55pm Room TBA	Antoni Fernandez Parera	3	6/15

SPAN 3300 022/00632 T Th 4:10pm - Javier Perez 3 15/15
5:25pm Zapatero
Room TBA

SPAN UN3349 Hispanic Cultures I: Islamic Spain through the Colonial Period. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: L" course: enrollment limited to 15 students.

Completion of language requirement, third-year language sequence (W3300).

Provides students with an overview of the cultural history of the Hispanic world, from eighth-century Islamic and Christian Spain and the pre-Hispanic Americas through the late Middle Ages and Early Modern period until about 1700, covering texts and cultural artifacts from both Spain and the Americas.

Fall 2019: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/99285	T Th 1:10pm - 2:25pm 106b Lewisohn Hall	Alejandro Quintero Machler	3	11/15
SPAN 3349	002/47800	M W 11:40am - 12:55pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	14/15
SPAN 3349	003/13420	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Alexandra Mendez	3	14/15

Spring 2020: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/12163	M W 1:10pm - 2:25pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	15/15
SPAN 3349	020/00638	T Th 4:10pm - 5:25pm Room TBA	Orlando Bentancor	3	14/15

SPAN UN3350 Hispanic Cultures II: Enlightenment to the Present. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course surveys cultural production of Spain and Spanish America from the eighteenth to the twenty-first centuries. Students will acquire the knowledge needed for the study of the cultural manifestations of the Hispanic world in the context of modernity. Among the issues and events studied will be the Enlightenment as ideology and practice, the Napoleonic invasion of Spain, the wars of Spanish American independence, the fin-de-siècle and the cultural avant-gardes, the wars and revolutions of the twentieth century (Spanish Civil War, the Mexican and Cuban revolutions), neoliberalism, globalization, and the Hispanic presence in the United States. The goal of the course is to study some key moments of this trajectory through the analysis of representative texts, documents, and works of art. Class discussions will seek to situate the works studied within the political and cultural currents and debates of the time. All primary materials, class discussion, and assignments are in Spanish. *This course is required for the major and the concentration in Hispanic Studies.*

Fall 2019: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/99270	M W 10:10am - 11:25am 201 Casa Hispanica	Bego a Alberdi	3	15/15
SPAN 3350	002/99269	T Th 4:10pm - 5:25pm 652 Schermerhorn Hall	Felipe Becerra	3	11/15
SPAN 3350	003/99268	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	18/15
SPAN 3350	004/10311	M W 4:10pm - 5:25pm 424 Pupin Laboratories	Omar Duran-Garcia	3	6/15
SPAN 3350	020/09643	T Th 10:10am - 11:25am 225 Milbank Hall	Ronald Briggs	3	14/15

Spring 2020: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/12164	M W 10:10am - 11:25am 201 Casa Hispanica	Bego a Alberdi	3	15/15
SPAN 3350	002/12169	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Santiago Acosta	3	15/15
SPAN 3350	020/00639	T Th 10:10am - 11:25am Room TBA	Ronald Briggs	3	15/15

SPAN UN3361 Artistic Humanity. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: This is an advanced class in Spanish.

Between the 15th and 17th centuries, in the context of the Iberian expansion, the presence and observation of unexpected artistic forms, media, and monuments triggered a new space of inquiry. Novel objects, surfaces, architectures, materials, and ideas about artistry were observed far and near—in the Americas, in Asia, in Africa, and in Europe. They traveled between continents in physical and textual forms: sent and offered as proofs of the new territories, desired and collected as unique treasures, but also described, compared and analyzed in letters, histories, or inventories. All around a sphere that could now be mentally embraced, missionaries, collectors, travelers, historians, and artists felt under the power of novel creations: body painting, gold byobu, intricate sculptures, but also turquoise masks, feather mosaics, painted manuscripts, fish-bone necklaces, ivory spoons, carved temples, monumental cities, and so on. These splendid artworks deeply challenged conceptual boundaries such as those between idol and image, beautiful and frightening, civilized and barbarian, center and periphery, classic and modern, and ancient and new. But most importantly, these artworks and their descriptions in chronicles, histories, and inventories contributed to define humanity as immanently creative—and to conceive artistic creation as a distinctive form of thought.

Spring 2020: SPAN UN3361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3361	001/12269	T 2:10pm - 4:00pm 206 Casa Hispanica	Alessandra Russo	3	15/15

SPAN UN3462 Spanish Grammar: From Rules to Laws and Beyond. 3 points.

From a cognitive and operational point of view, this course aims to reflect on the theoretical and, mainly, *practical* limits of traditional grammar explanations, contributing with a new meaningful, experiential and representational understanding of Spanish as a human mean of communication. Within this framework, some of the most representative aspects of the grammar of Spanish will be studied from a fully practical perspective, favoring the comparison with the grammar of English. In each case, the reflection will lead to turn the traditional rules and their exceptions, into operational *laws* without exceptions, as well as to highlight the *natural logic* underlying every single grammar decision in the use of language.

Spring 2020: SPAN UN3462

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3462	001/12571	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Jose Placido Ruiz-Campillo	3	11/15

SPAN UN3533 Women, Culture, Activism & Gender in Latin America. 3 points.

The course focuses on women, culture, and activism in contemporary Latin America through the discussion of manifestos, essays, visual works, films, literature, blogs, music, and new cultural experiences. We will approach two main demands of women on the streets: claims against violence (“femicidios”) and the expansion of rights.

Students will be introduced to theoretical writing on Latin American feminisms in different contexts (mainly Argentina, Brazil, Paraguay, Mexico, Chile, Peru). This course will provide students with an accurate understanding of some of the topics of contemporary Latin American feminism and activism related to new subjectivities, politics, and culture. The course develops a wide range of cultural practices and includes topics as practices of resistance, representation of violence, gender as spectacle, and new phenomena such as urban protests. We will also trace a relevant genealogy of women struggles in Latin America. The class will be conducted in Spanish and all written assignments will also be in that language.

Spring 2020: SPAN UN3533

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3533	001/12271	T Th 11:40am - 12:55pm 201 Casa Hispanica	Graciela Montaldo	3	15/15

SPAN UN3692 Labor Culture in Twentieth-Century Latin America. 3 points.

Industrial modernization often went hand-in-hand with the constitution of a new kind of national-popular culture during

the twentieth century in Latin America. For many such projects, becoming a political subject meant being a worker. This course will interrogate the ways in which labor and culture informed and produced one another, from the Mexican muralists' use of industrial materials and techniques in the 1920s in the constitution of a their spectators to the creation of the “credit card citizen; of consumption in the late 1990s. Class discussions and writing assignments will analyze novels, essays, short stories, chronicles, films and works of visual art in order to pose and answer some of the following questions: How is work imagined and represented at different historical moments and what ideological role might such representations play? How do artists and writers think about the nature, organization and political import of their work in relation to other kinds of intellectual and manual labor? In what ways and in what contexts do labor and labor movements become the protagonists of radical political change? Alternatively, to what extent do the tactics of political revolution imply a laborious exercise of their own? How do such artists, writers and thinkers conceive of work before and after capitalism? Authors to be studied may include Diego Rivera, Alfaro Siqueiros, Jorge Luis Borges, Eduardo Coutinho, José Carlos Mariátegui and Ernesto Guevara, among others.

SPAN UN3998 Supervised Individual Research (Spring). 3 points.

Prerequisites: the director of undergraduate studies' permission. Students register in this course while they pursue independent study work under the supervision of a faculty member during the spring semester.

Fall 2019: SPAN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/99321		Seth Kimmel	3	0/5

Spring 2020: SPAN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/19918		Seth Kimmel	3	1/5
SPAN 3998	002/19919		Ana Fernandez Cebrian	3	1/5
SPAN 3998	003/34792		Francisca Aguilo Mora	3	0/1
SPAN 3998	004/35041		Graciela Montaldo	3	1/1

SPAN GU4011 Conversation in Spanish: Practice and Analysis. 3 points.

This is a course in Spanish conversation. Students will study and practice features of social interaction in Spanish that are crucial to participate in the new culture. This means the course has two learning objectives: One is learning to engage in regular conversations in Spanish; the other is to understand how conversation works. We will cover conversational issues such as gesture, narratives, intonation, opening and closing interactions, turn taking, etc., both in linguistics and social terms. Practice and analysis will be connected: Every week we will consider an

aspect of oral interaction in Spanish. We will study those features in naturally occurring conversations among native speakers and we will practice in actual conversations inside and outside the classroom, by means of role play, simulation, film making, debates and interviews. We will use topics of conversation to provide a meaningful environment for the conversation practice.

Spring 2020: SPAN GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 4011	001/13592	T Th 4:10pm - 5:25pm Room TBA	Guadalupe Ruiz-Fajardo	3	15/15

PORTUGUESE

PORT UN1101 Elementary Portuguese I. 4 points.

A beginning course designed for students who wish to start their study of Portuguese and have no proficiency in another Romance language. The four language skills: listening, speaking, reading, and writing are developed at the basic level.

Fall 2019: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/47810	T Th F 11:40am - 12:55pm 116 Knox Hall	Iuri Bauler Pereira	4	8/15

Spring 2020: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/15798	M W Th 1:10pm - 2:25pm Room TBA	Ana Huback	4	10/15

PORT UN1102 Elementary Portuguese II. 4 points.

Prerequisites: *PORT W1101* or the equivalent.

A course designed to acquaint students with the Portuguese verbal, prepositional, and pronominal systems. As a continuation of Elementary Portuguese I (*PORT W1101*), this course focuses on the uses of characteristic forms and expressions of the language as it is spoken and written in Brazil today.

Fall 2019: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/47812	M W Th 8:40am - 9:55am 505 Casa Hispanica	Jose Castellanos-Pazos	4	4/15

Spring 2020: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/15799	T Th F 11:40am - 12:55pm Room TBA	Joao Nemi Neto	4	9/15

PORT UN1320 Comprehensive Elementary Portuguese I and II for Spanish Speakers. 4 points.

Prerequisites: knowledge of Spanish or another Romance language.

An intensive beginning language course in Brazilian Portuguese with emphasis on Brazilian culture through multimedia materials related to culture and society in contemporary Brazil.

Recommended for students who have studied Spanish or another Romance language. The course is the equivalent of two full semesters of elementary Portuguese with stress on reading and conversing, and may be taken in place of *PORT W1101-W1102*. For students unable to dedicate the time needed cover two semesters in one, the regularly paced sequence *PORT W1101-W1102* is preferable.

Fall 2019: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/47811	T Th 10:10am - 12:00pm 253 International Affairs Bldg	Jose Castellanos-Pazos	4	12/15
PORT 1320	002/47813	M W 10:10am - 12:00pm 412 Pupin Laboratories	Jose Castellanos-Pazos	4	9/15

Spring 2020: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/15800	M W 10:10am - 12:00pm Room TBA	Jose Castellanos-Pazos	4	9/15
PORT 1320	002/15801	T Th 2:10pm - 4:00pm Room TBA	Joao Nemi Neto	4	9/15

PORT UN2101 Intermediate Portuguese I. 4 points.

Prerequisites: *PORT W1120* or the equivalent.

General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion.

Fall 2019: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/47814	M W F 2:40pm - 3:55pm 255 International Affairs Bldg	Ana Huback	4	6/15

Spring 2020: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/15802	M W Th 2:40pm - 3:55pm Room TBA	Ana Huback	4	7/15

PORT UN2102 Intermed. Portuguese II. 4 points.

Prerequisites: PORT UN1120 or PORT UN1320 or the equivalent.

Prerequisites: PORT UN1120 or PORT UN1320 or the equivalent. General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion.

Fall 2019: PORT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2102	001/47815	M W F 4:10pm - 5:25pm 255 International Affairs Bldg	Ana Huback	4	2/15

Spring 2020: PORT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2102	001/15803	M W Th 4:10pm - 5:25pm Room TBA	Ana Huback	4	7/15

PORT UN2120 Comprehensive Intermediate Portuguese. 4 points.

Prerequisites: PORT UN1102 or PORT UN1320.

Prerequisites: this course is an intensive and fast-paced coverage of both PORT UN2101 and PORT UN2102. Students MUST demonstrate a strong foundation in Portuguese and meet the following REQUIREMENT: A- or higher in PORT UN1102 or PORT UN1320. If you fulfill the above requirement, you do not need the instructor's permission to register. HOWEVER the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. This course replaces the sequence PORT UN2101-PORT UN2102.

Fall 2019: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/47816	M W F 1:10pm - 2:25pm 255 International Affairs Bldg	Ana Huback	4	3/15

Spring 2020: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/15804	T Th F 2:40pm - 3:55pm Room TBA	Iuri Bauler Pereira	4	2/15

PORT UN3101 Conversation about the Lusophone World. 3 points.

Prerequisites: *PORT W1220*.

This conversation class will help students develop their oral proficiency in Portuguese. We will discuss current events, participate in challenging pronunciation exercises, improve understanding of Portuguese idioms, develop conversation strengths, confront weaknesses, and increase fluency in spoken Portuguese.

PORT UN3300 Advanced Language through Content. 3 points.

Corequisites: PORT UN1220

An intensive exposure to advanced points of Portuguese grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Portuguese. This course is required for the concentration in Portuguese Studies. "This course is intended to improve Portuguese language skills in grammar, comprehension, and critical thinking through an archive of texts from literature, film, music, newspapers, critical reception and more. To do so, we will work through Portuguese-speaking communities and cultures from Brazil, to Portugal and Angola, during the twentieth and twenty-first century, to consider the mode in which genre, gender and sexuality materialize and are codified, disoriented, made,

unmade and refigured through cultural productions, bodies, nation and resistant vernaculars of aesthetics and performance, always attentive to the intersections of gender with class and racism.

Fall 2019: PORT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	002/47799	T Th 11:40am - 12:55pm 206 Casa Hispanica	Yudi Koike	3	8/15

PORT UN3301 Advanced Writing and Composition in Portuguese. 3 points.

Prerequisites: *PORT W1220*.

This course focuses on three elements: 1) the main elements of formal discourse in Portuguese (grammar, vocabulary, expressions, etc.); 2) discourse genres, based on the theoretical bases laid out by Textual Linguistics and Discourse Analysis; 3) cultural, economic, social, political themes related to the reality of Brazil or other Portuguese-speaking countries. However, students should be able to define their areas of interest and shape their experience in the course according to them. Such an approach takes advantage of the diversity in the classroom, stimulates participation, and promotes independent academic research. Therefore, students will start a weblog, where their writing activities will be posted, so that their colleagues may read and comment on them. The mandatory genres-forms for all students are in the modules of discourse genres and academic writing, and the corresponding forms, the pronominal system and semelfactives. Students will then choose one more genre among biographical texts (resumé, facebook, biography), lyrical texts (music, poetry), subjective texts (description, narrative, commentary, editorial), and journalistic texts, as well as the corresponding forms assigned to those modules: indirect speech, mandates, past verbal tenses, conjunctions, redundancy/repetition, and semelfactives (conditionals). Every student will study and practice all genres and forms, but they will be responsible for larger assignments (module notes, to be posted on their blogs) on the two mandatory modules and the optional one. At the beginning of the semester they will choose a thematic topic for the course (in their field of study or area of personal interest), and will select a literature list with the assistance of the instructor. All assignments in the course must be related to the chosen thematic topic and will involve research based on the literature list. At the end of the semester, they will produce an essay on their thematic choice.

PORT UN3330 Introduction to Portuguese Studies. 3 points.

This course presents the students with the information and basic tools needed to interpret a broad range of topics and cultural production from the Portuguese-speaking world: literary, filmic, artistic, architectural, urban, etc. We will use a continuing cross-disciplinary dialogue to study everyday acts as a location of culture. This course will center on interpretation as an activity and as the principal operation through which culturally sited meaning is created and analyzed. Among the categories and topics discussed will be history, national and popular cultures, literature (high/low), cultural institutions, migration, and globalization. Students

will also acquire the fundamental vocabulary for the analysis of cultural objects. This course is required for the concentration in Portuguese Studies.

Spring 2020: PORT UN3330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3330	001/13587	M W 2:40pm - 3:55pm 201 Casa Hispanica	Jose Castellanos-Pazos	3	3/15

PORT UN3325 Slavery, Free Labor, and Cultural Memory. 0-3 points.

This course will examine the historical period of gradual emancipation to free labor in Brazil. Course readings include literary and cultural production as well as historical narratives and literary theory. We will question how ideas of racial labor transform alongside new notions of freedom and nation. By drawing mostly on literature, history, and film, this course investigates the issue of cultural memory as related to the history of slavery, racial formation, and national forgetting. Our course discussions will center on questions as, how is the history of slavery remembered or forgotten? How do we ethically remember a past that we can never understand completely? Is it possible to separate cultural representations of race, ethnicity, sexuality and gender from their political and economic contexts? How are “race,” “liberty,” “property” and “life” understood during slavery, and how do those ideas continue to influence the post-slavery nation? Although the course will focus heavily on the Brazilian historical context, we will also comparatively examine how these histories are remembered and forgotten in the U.S. and other parts of Latin America.

PORT UN3350 Lusophone Africa and Afro Brazilian Culture. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course focuses on Lusophone African and African Brazilian cultures and the relations, continuities, ruptures and influences between them. Brazil is the result of the miscegenation of Ameridians, African and Europeans, and this means that is also a cultural mélange of these groups. The African cultural contribution to Brazilian culture and grand-narrative is the primary focus of this course, however, to understand Brazil one needs to understand the cultural diversity found in Lusophone Africa, with which Brazil has had a long relationship. The readings for this course include texts from different disciplines and genres. We will study texts, movies and other forms of visual arts from the following authors: José Eduardo Agualusa, Pepetela, Mia Couto, Jorge Amado, Achille, Mbembe, Hilton Costa, Jocélio Teles dos Santos, Livio Sansone, José Luis Cabaço, Benedita da Silva and Solano Trindade.

Spring 2020: PORT UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3350	001/12161	T Th 4:10pm - 5:25pm 505 Casa Hispanica	Joao Nemi Neto	3	12/15

PORT UN3490 Brazilian Society and Civilization. 3 points.

Each week, a historical period is studied in connection to a particular theme of ongoing cultural expression. While diverse elements of popular culture are included, fiction is privileged as a source of cultural commentary. Students are expected to assimilate the background information but are also encouraged to develop their own perspective and interest, whether in the social sciences, the humanities (including the fine arts), or other areas.

Spring 2020: PORT UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/12162	M W 10:10am - 11:25am Room TBA	Yudi Koike	3	15/15

CATALAN

CATL UN1120 Comprehensive Beginning Catalan. 4 points.

An extensive introduction to the Catalan language with an emphasis on oral communication as well as the reading and writing practice that will allow the student to function comfortably in a Catalan environment.

Fall 2019: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/10223	T Th 12:10pm - 2:00pm 255 International Affairs Bldg	Elsa Ubeda	4	6/15

Spring 2020: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/14187	T Th 12:10pm - 2:00pm Room TBA	Elsa Ubeda	4	3/15

CATL UN2101 Intermediate Catalan I. 4 points.

Prerequisites: *CATL W1120*.

The first part of Columbia University's comprehensive intermediate Catalan sequence. The main objectives of this course are to continue developing communicative competence - reading, writing, speaking and listening comprehension - and to further acquaint students with Catalan cultures.

Spring 2020: CATL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/14188	T Th 10:10am - 12:00pm Room TBA	Elsa Ubeda	4	4/15

CATL UN2102 Intermediate Catalan II. 4 points.

Prerequisites: CATL UN2101 or equivalent.

Catalan UN2102 is the second part of Columbia University's intermediate Catalan sequence. Course goals are to enhance student exposure to various aspects of Catalan culture and to consolidate and expand reading, writing, speaking, and listening skills.

Fall 2019: CATL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/47819	T Th 10:10am - 12:00pm 255 International Affairs Bldg	Elsa Ubeda	4	4/15

CATL UN3300 Advanced Catalan Through Content: Language and Identity in Contemporary Catalonia. 4 points.

An examination of the political, cultural, and artistic history in Modern and Contemporary Catalonia and its role in the building of its sociolinguistic identity. Material includes literary, academic, and media readings and audiovisual and online resources.

Fall 2019: CATL UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 3300	001/47820	T Th 8:10am - 10:00am 255 International Affairs Bldg	Elsa Ubeda	4	2/15

CATL W3330 Introduction to Catalan Culture. 3 points.

This is a content course covering topics regarding Catalan history, society, literature and visual arts. The objective of the course is to examine the main socio-cultural manifestations in the Catalan-speaking territories. Topics to be discussed include: bilingualism and language as the marker of "authentic" national identity; the influx of immigration and the constant redefinition of all things Catalan; the very locally rooted and at the same time very international outlook of the Catalan avant-garde from Foix to Tàpies; the protest song and the cultural manifestations during the Franco repression, and the crucial role of the city of Barcelona as a cultural focus and its impact on literature, film, and arts. By the end of the semester students will be familiar with the main social and cultural issues of the Catalan-speaking territories. The course will be taught in Spanish and counts as an elective towards the major in Hispanic Cultures. No previous knowledge of the Catalan language is required.

CATL UN3500 Literature in Catalan Cinema. 3 points.

Prerequisites: CATL UN3300 The course will be taught in Catalan.

The main goal of this course is to study the close relationship between Catalan literature and cinema during the 20th century. Through the reading and viewing of the selected works, the students will explore examples of Modern Catalan Literature and Film in the Catalan-speaking territories, while deepening their understanding of the cultural, historical, and sociopolitical aspects of each period. At the end the course students will be able to analyze how literary procedures are translated into film, in addition to the formal and cultural implication of each particular work. The course will be taught in Catalan.

The objectives of the course are:

To acquire a basic knowledge of the history of modern Catalan cinema and literature and their cultural and historical contexts.
To be able to recognize and analyze the main literary procedures used in movies.

To analyze the influence of Catalan literature on Catalan cinema

To develop an awareness of critical and technical terminology for discussing literature and film

Spring 2020: CATL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 3500	001/12017	T Th 8:40am - 9:55am Room TBA	Elsa Ubeda	3	3/15

LINGUISTICS

Director of Undergraduate Studies: Prof. Meredith Landman, ml4263@columbia.edu

Program Director: Prof. John McWhorter, jm3156@columbia.edu

In any discussion of linguistics, in popular or academic contexts, the first question is always, what is linguistics, after all? This is remarkable. Language informs most of our mental and cultural activity, and linguistics is the just study of language.

Linguistics, especially since the 1960s, has become a highly multifarious, and even sprawling, field of inquiry. This requires that a major acquaint students with a number of subfields, all of which are crucial to understanding what modern linguistic analysis is about, and foster interdisciplinary inquiry as well. To wit, the person with a basic foundation in what constitutes linguistic study in our times (including realistic training for graduate study if desired) understands:

- the basics of grammatical analysis in terms of sounds and sentence structure
- how languages change over time
- the mechanics of how languages express meaning and implication
- the details and nuances of how language is used in social space
- the ways and extent to which the world's 7000 languages differ from one another
- the relationship between language and cognition writ large

STUDY ABROAD

Undergraduates have engaged in unique travel and research projects, including sign language in Nicaragua; language attitudes in Kyrgyzstan; colloquial Arabic in Cairo; summer internship at the Max Planck Institute for Evolutionary Biology; and study abroad in Spain, England, India, Hungary, and Ireland.

GRADUATE STUDY

Columbia's linguists have distinguished themselves with awards and plans after graduation, such as Fulbright Fellowships to France, Georgia, and Turkey; and graduate study of linguistics or psychology at Harvard, Stanford, UCSD, Northwestern, New York University, and SUNY Buffalo. Linguistics is also a natural background for the law, and our students have entered such law schools as Georgetown and Columbia.

There is no graduate program in linguistics at Columbia. Students interested in pursuing graduate study in linguistics in New York should investigate CUNY Graduate Center, New York University, or Teachers College (applied linguistics).

AFFILIATED FACULTY

May Ahmar (Arabic; MESAAS)
 Akeel Bilgrami (Philosophy)
 Aaron Fox (Music)
 Melissa Fusco (Philosophy)
 Haim Gaifman (Philosophy)
 Boris Gasparov (Slavic Languages)
 E. Mara Green, (Anthropology, Barnard)
 Tiina Haapakoski (Finnish, Germanic Languages)
 Julia Hirschberg (Computer Science)
 Ana Paula Huback (Latin American and Iberian Studies)
 Rina Kreitman (Hebrew; MESAAS)
 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)
 Owen Rambow (Center for Computational Learning Systems)
 Robert Remez (Psychology, Barnard)
 Francisco Rosales-Varo (Latin American and Iberian Studies)
 Carol Rounds (Hungarian; Italian)
 José Plácido Ruiz-Campillo (Latin American and Iberian Studies)
 Richard Sacks (English and Comparative Literature)
 Ann Senghas (Psychology, Barnard)
 Una Stojnic (Philosophy)
 Mariame Sy (Wolof; Pulaar; MESAAS)
 Herbert Terrace (Psychology)
 Alan Timberlake (Slavic Languages)
 Zhirong Wang (Chinese; East Asian Languages and Cultures)

MAJOR IN LINGUISTICS

The complete major requirement – totaling 38 points – is the following:

1. LING UN3101 Introduction to Linguistics
2. LING GU4376 Phonetics and Phonology
3. LING GU4903 Syntax
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 and Society
 LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC
 ANTH UN1009 Introduction to Language and Culture
 ANTH GR6067 Language and Its Limits (graduate seminar open to undergraduates)
 AMST UN3931 Topics in American Studies
 AMST UN3931 Topics in American Studies
 SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION
 SPAN BC3382 Languages in Contact: Sociolinguistic Aspects of U. S. Spanish (taught in Spanish)

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 GU4206 Advanced Grammar and Grammars
 LING GU4120 Language Documentation and Field Methods
 LING GU4171 Languages of Africa
 HNGR UN3343 Hungarian Descriptive Grammar

d) Language and meaning

Content: semantics, philosophy of language, cognitive linguistics, natural language processing

LING GU4190 Discourse and Pragmatics
 PHIL UN2685 Introduction to Philosophy of Language
 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).

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 GU4272 Advanced Seminar in Language Development

4. One elective course (3 pts.) from either a) one of the themes, or b) a linguistics-related course from another department subject to approval from the program. This option will allow students to either sample more widely or specialize somewhat in a subarea of linguistics that has come to interest them.

5. Senior thesis (two semesters, 3 pts. per semester)

6. Two courses at the intermediate level (8 pts.), in addition to the general foreign language requirement.

SPECIAL CONCENTRATION IN LINGUISTICS

The special concentration in linguistics is not sufficient for graduation in and of itself. It must be taken in conjunction with a major or a full concentration in another discipline.

For the special concentration, students must take 23 points in the linguistics program 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
 HNDR UN3343 Hungarian Descriptive Grammar
 ANTH UN3906 Functional Linguistics and Language Typology
 LING GU4108 Language History
 LING GU4120 Language Documentation and Field Methods
 LING GU4171 Languages of Africa
 LING GU4190 Discourse and Pragmatics
 LING GU4202 Cognitive Linguistics
 LING GU4206 Advanced Grammar and Grammars
 LING GU4376 Phonetics and Phonology
 LING GU4800 Language and Society
 LING GU4903 Syntax

2. Two additional courses in either linguistics or in related fields chosen in consultation with the program director, in fields such as: History or structure of individual languages; Chinese, Spanish, French, Russian etc.

Anthropology:

ANTH UN1009 Introduction to Language and Culture
 ANTH UN3044 Symbolic Anthropology
 ANTH GU4042 Agent, Person, Subject, Self
 ANTH GR6067 Language and Its Limits
 ANTH GR6125 Language, Culture, and Power

Chinese:

CHNS GU4018 Readings In Modern Chinese II (W) (Level 4)

Computer Science:

COMS UN3261 Computer Science Theory
 COMS GU4705 Natural Language Processing

COMS GU4706 Spoken Language Processing
 COMS GR6998 Topics in Computer Science

Comparative Literature & Society:

CPLS GU4111 World Philology

French:

FREN BC3011 History of the French Language

Music:

MUSI GU4405 Music and Language
 MSPS GU4233 Language and Music (Semiar)

Philosophy:

PHIL UN2685 Introduction to Philosophy 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 Languages in Contact: Sociolinguistic Aspects of U. S. Spanish
 SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION
 SPAN GU4030 Spanish Pragmatics
 SPAN GR5450 A COGNITIVE LINGUISTICS ACCOUNT OF LANGUAGE

Sociology:

SOCI GU4030 Sociology of Language

3. One language course at the intermediate level (third-semester), separate from the general language requirement.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT FOR LINGUISTICS

The language taken in fulfillment of the linguistics requirement can be either an ancient or modern language, but should neither be the student's native (or semi-native) language nor belong to one of the major groups of modern European languages (Germanic, Romance). In addition to the regularly taught courses listed under the Foreign Language Requirement, the following is a list of languages that have been offered at Columbia. See the list of languages offered through the Language Resource Center and consult with the program director about other languages to determine if they are acceptable for the linguistics language requirement.

Ancient Egyptian
 Anglo-Saxon
 Aramaic
 Bosnian/Croatian/Serbian
 Cantonese
 Chagatay
 Czech
 Finnish
 Georgian
 Hindi
 Hungarian
 Indonesian
 Irish
 Kannada
 Kazakh
 Korean
 Nahuatl
 Nepali
 Old Church Slavonic
 Quechua
 Persian
 Polish
 Pulaar
 Romanian
 Sumerian Swahili
 Syriac
 Tajik
 Tamil
 Telugu
 Ukrainian Uzbek
 Urdu
 Vietnamese
 Wolof
 Zulu

LINGUISTICS

LING UN3101 Introduction to Linguistics. 3 points.

An introduction to the study of language from a scientific perspective. The course is divided into three units: language as a system (sounds, morphology, syntax, and semantics), language in context (in space, time, and community), and language of the individual (psycholinguistics, errors, aphasia, neurology of language, and acquisition). Workload: lecture, weekly homework, and final examination.

Fall 2019: LING UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3101	001/53924	T Th 2:40pm - 3:55pm 301 Pupin Laboratories	John McWhorter	3	147/185

LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC. 3 points. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Of the world's estimated 7,000 languages – representing migrations and historical developments thousands of years old – the majority are oral, little-documented, and increasingly endangered under the onslaught of global languages like English. This course will take the unprecedented, paradoxical linguistic capital of New York City as a lens for examining how immigrants form communities in a new land, how those communities are integrated into the wider society, and how they grapple with linguistic and cultural loss. Interdisciplinary with an experiential learning component, the course will focus on texts, materials, encounters, and fieldwork with three of the city's newest and least-studied indigenous immigrant communities (indigenous Latin Americans, Himalayans, and Central Asians).

Indigeneity, though often invisible or perceived as marginal in global cities like New York, is in fact pervasive and fundamental. Cities now constitute a crucial site for understanding migration and cultural change, with language a vehicle for culture. Studying cultures only in situ (i.e. in their homelands) risks missing a crucial dimension. Students will be immersed in stateless, oral, immigrant cultures while also gaining a hands-on critical understanding of language endangerment and urban sociolinguistic research, first through field experiences and guest speakers (Endangered Language Alliance partners) and then by going out together into communities to work on projects in small teams.

The Endangered Language Alliance (ELA), where the instructor is Co-Director, was formed as a non-profit research institute in 2010 as a forum for researchers, community members, activists, artists, and other New Yorkers to come together to support indigenous and minority languages. ELA's video recordings provide first-hand testimony of endangered languages in the global city – in indigenous languages with English translation – available in few other places. Those texts will be central to this course, supplemented by the new, first-ever, detailed language map of New York City being produced by ELA.

Fall 2019: LING UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3102	001/10171	M W 4:10pm - 5:25pm 318 Hamilton Hall	Ross Perlin	3	24/22

HNGR UN3343 Hungarian Descriptive Grammar. 3 points.

This course is designed for those curious about the structure of Hungarian - an unusual language with a complex grammar quite different from English, or, indeed, any Indo-European language. The study of Hungarian, a language of the Finno-Ugric family, offers the opportunity to learn about the phonology of vowel harmony, the syntax of topic-comment discourse, verb agreement with subjects and objects, highly developed case systems and possessive nominal paradigms. In addition to its inflectional profile, Hungarian derivation possibilities are vast,

combinatory, and playful. During the semester we will touch upon all the important grammatical aspects of Hungarian and discuss them in relation to general linguistic principles and discourse, and finally, through some text analysis, see them in action. Although the primary discussion will center on Hungarian, we will draw on comparisons to other Finno-Ugric languages, most notably Finnish and Komi; students are encouraged to draw on comparisons with their own languages of interest. No prerequisite. Counts as Core Linguistics.

Spring 2020: HNGR UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/12708	Th 4:10pm - 5:25pm 501 Hamilton Hall	Carol Rounds	3	6/18
HNGR 3343	001/12708	T 4:10pm - 5:25pm 518 Hamilton Hall	Carol Rounds	3	6/18

LING UN3997 Supervised Individual Research. 2-4 points.

LING UN3998 Supervised Individual Research. 2-4 points.

Supervised Individual Research

Spring 2020: LING UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3998	001/12022		John McWhorter, Meredith Landman	2-4	7/10

LING GU4108 Language History. 3 points.

Prerequisites: LING UN3101

Language, like all components of culture, is structured and conventional, yet can nevertheless change over time. This course examines how language changes, firstly as a self-contained system that changes organically and autonomously, and secondly as contextualized habits that change in time, in space, and in communities. Workload: readings & discussion, weekly problems, and final examination.

Fall 2019: LING GU4108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4108	001/53926	T Th 1:10pm - 2:25pm 423 Kent Hall	Meredith Landman	3	12/15

LING GU4120 Language Documentation and Field Methods. 3 points.

Prerequisites: LING UN3101

In light of the predicted loss of up to 90% of the world languages by the end of this century, it has become urgent that linguists take a more active role in documenting and conserving endangered languages. In this course, we will learn the essential skills and technology of language documentation through work with speakers of an endangered language.

Spring 2020: LING GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LING 4120	001/12007	T Th 1:10pm - 2:25pm Room TBA	Meredith Landman	3	12/12
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LING GU4170 Language and Symbol: Semiotics of Speech, Literature, & Culture. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: LING UN3101 or a course on linguistic semantics, literary theory, or linguistic anthropology.

Reading and discussion of scholarly literature on various aspects of the meaning, structure, and functioning of signs in language, art, and society. All reading for the course is drawn from original scholarly literature, some of it of a specialized nature. At some points (for instance, while discussing dimensions of the linguistic signs, or parameters of structural poetics), theoretical reading will be supplemented by brief practical assignments.

LING GU4171 Languages of Africa. 3 points.

Not offered during 2019-20 academic year.

The African continent is home not to simply a collection of similar "African dialects," but to at least 1000 distinct languages that belong to five language families, none of them any more closely related than English and its relatives are to Japanese. This includes the Semitic languages that emerged in the Middle East and are now most commonly associated with Arabic and Hebrew, the famous "click" languages of Southern Africa whose origins are still shrouded by mystery, and in the case of Malagasy on Madagascar, the Austronesian family of Southeast Asia and Oceania - the language traces to speakers who travelled over the ocean from Borneo to Africa. This course will examine languages in all of these families, with a focus on how they demonstrate a wide array of linguistic processes and how they interact with social history, anthropology, and geography.

LING GU4172 The Structure of Cambodian. 3 points.

Like every other language, Cambodian is totally unique in some respects (these are of interest only to the language learner), and a representative human language in others (these are of interest to all students of language). Thus, for example, like every written language, Cambodian will exhibit diglossia: the grammar and the vocabulary of the written language will differ from that of the spoken language. It is also a member of a language family, known as Austroasiatic, whose members are spoken from NE India through Malaysia, Myanmar, and Indochina. In addition, Cambodian is a structural representative of a given type of language spoken throughout mainland Southeast Asia. That is, in many respects, the structure of Cambodian is similar to those of Lao, Thai, Vietnamese, as well as Hmong. In the "Far West" of SE Asia, are spoken other languages, among them Burmese, Mon, and Karen, which are still similar, but less so. All of these languages are isolating, monosyllabic languages. Of the languages just listed, only Vietnamese and Mon are genetically related to Cambodian. Finally, in its orthography and lexicon, Cambodian has borrowed so extensively from Indic languages, that all literate speakers have a considerable background in practical etymology, and recognize borrowings from, say, Pali, as English speakers generally do not recognize borrowings from

Norman French or Latin or Greek. Since the Indic languages belong to Indo-European, some unexpected words in Cambodian (e.g. *niam ,smaeu*) will turn out to have English cognates (like *name, same*).

Your goal in this course is not to acquire a speaking knowledge of Khmer. (For that you would need a pedagogical grammar, a native-speaker instructor, and hours and hours of practice in the lab and in the classroom.) It is rather to understand from a linguist's point of view what it is that makes this language a typical language of this part of the world. We will be working through a reference grammar of the language together. You are each also going to 'adopt' another mainland SE Asian language for purposes of comparison, to experience for yourself what it means for a language to be a member of a linguistic alliance or Sprachbund. You may select your own 'pet' language, and your assignment will then be to 'master' this language in the same way that you have 'mastered' Khmer.

LING GU4190 Discourse and Pragmatics. 3 points.

Prerequisites: LING UN3101

How discourse works; how language is used: oral vs. written modes of language; the structure of discourse; speech acts and speech genres; the expression of power; authenticity; and solidarity in discourse, dialogicity, pragmatics, and mimesis.

Spring 2020: LING GU4190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4190	001/15992	M 8:10am - 10:00am Room TBA	John Wright	3	21/22

LING GU4202 Cognitive Linguistics. 3 points.

Prerequisites: LING UN3101 previously or concurrently.

Reading and discussion of scholarly literature on the cognitive approach to language, including: usage-oriented approaches to language, frame semantics, construction grammar, theories of conceptual metaphor and mental spaces; alongside of experimental research on language acquisition, language memory, prototypical and analogous thinking, and the role of visual imagery in language processing.

LING GU4206 Advanced Grammar and Grammars. 3 points.

Prerequisites: LING UN3101 *LING W3101*.

An investigation of the possible *types* of grammatical phenomena (argument structure, tense/aspect/mood, relative clauses, classifiers, and deixis). This typological approach is enriched by the reading of actual grammars of languages from Asia, Africa, Australia, and the Americas in which grammatical descriptions are read with an eye to important notional concepts of grammar: reference and categorization, case and role of arguments with predicates (ergativity), tense/aspect/mood. Discussion of meaning is combined with attention to expression (that is, morphology), which yanks our attention towards language change (grammaticalization).

Spring 2020: LING GU4206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LING 4206	001/12008	M 12:10pm - 2:00pm Room TBA	Alan Timberlake	3	17/22
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LING GU4376 Phonetics and Phonology. 3 points.

Prerequisites: LING UN3101

An investigation of the sounds of human language, from the perspective of phonetics (articulation and acoustics, including computer-aided acoustic analysis) and phonology (the distribution and function of sounds in individual languages).

Spring 2020: LING GU4376

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4376	001/12006	T Th 10:10am - 11:25am Room TBA	Meredith Landman	3	22/22

LING GU4444 In Search of Language: From Rousseau to Derrida. 0-3 points.

Not offered during 2019-20 academic year.

The course addresses fundamental ideas concerning the nature of linguistic meaning and communication as they evolved in modern times, from the Enlightenment to the contemporary critique of the modernist linguistic paradigm. Beginning with the polemic between Herder and Rousseau, the course then proceeds to Romantic philosophy of language (in particular, the role of Romantic philosophy in the emergence of historical linguistics and linguistic typology); Saussure, his structuralist interpreters and his critics; generative grammar as a philosophical concept; the notion of linguistic performativity and its philosophical implications; Bakhtin's heteroglossia; and the impact of the post-structuralist semiotic revolution (Barthes, Derrida) on the study of language.

LING GU4800 Language and Society. 3 points.

How language structure and usage varies according to societal factors such as social history and socioeconomic factors, illustrated with study modules on language contact, language standardization and literacy, quantitative sociolinguistic theory, language allegiance, language, and power.

Spring 2020: LING GU4800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4800	001/12009	M W 2:40pm - 3:55pm Room TBA	William Foley	3	45/60

LING GU4903 Syntax. 3 points.

Prerequisites: LING UN3101

Syntax - the combination of words - has been at the center of the Chomskyan revolution in Linguistics. This is a technical course which examines modern formal theories of syntax, focusing on later versions of generative syntax (Government and Binding) with secondary attention to alternative models (HPSG, Categorical Grammar).

Fall 2019: LING GU4903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4903	001/53925	T Th 10:10am - 11:25am 424 Pupin Laboratories	Meredith Landman	3	19/18

MATHEMATICS

Departmental Undergraduate Office: 410 Mathematics;
212-854-2432
<http://www.math.columbia.edu/>

Director of Undergraduate Studies: Prof. Ovidiu Savin, 409 Mathematics; 212-854-8233; savin@math.columbia.edu

Calculus Director: Prof. Michael Woodbury; 525 Mathematics; 212-854-2849; woodbury@math.columbia.edu

Computer Science-Mathematics Adviser: Prof. Eric Urban, 608 Mathematics; 212-854-6362; urban@math.columbia.edu

Economics-Mathematics Advisers:

Mathematics: Prof. Julien Dubedat, 601 Mathematics; 212-854-8806; jd2653@columbia.edu

Economics: Dr. Susan Elmes, 1006 International Affairs Building; 212-854-9124; se5@columbia.edu

Mathematics-Statistics Advisers:

Mathematics: Prof. Julien Dubedat, 601 Mathematics; 212-854-8806; dubedat@math.columbia.edu

Statistics: Prof. Banu Baydil, 611 Watson; 212-851-2132; bb2717@columbia.edu

The major in mathematics is an introduction to some of the highlights of the development of theoretical mathematics over the past four hundred years from a modern perspective. This study is also applied to many problems, both internal to mathematics and arising in other disciplines such as physics, cryptography, and finance.

Majors begin by taking either Honors mathematics or the calculus sequence. Students who do not take MATH UN1207 Honors Mathematics A and MATH UN1208 Honors Mathematics B normally take MATH UN2010 Linear Algebra in the second year. Following this, majors begin to learn some aspects of the main branches of modern mathematics: algebra, analysis, and geometry; as well as some of their subdivisions and hybrids (e.g., number theory, differential geometry, and complex analysis). As the courses become more advanced, they also become more theoretical and proof-oriented and less computational.

Aside from the courses offered by the Mathematics Department, cognate courses in areas such as astronomy, chemistry, physics, probability, logic, economics, and computer science can be used toward the major. A cognate course must be a 2000-level (or higher) course and must be approved by the director

of undergraduate studies. In general, a course not taught by the Mathematics Department is a cognate course for the mathematics major if either (a) it has at least two semesters of calculus as a stated prerequisite, or (b) the subject matter in the course is mathematics beyond an elementary level, such as PHIL UN3411 Symbolic Logic, in the Philosophy Department, or COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory, in the Computer Science Department.

Another requirement for majors is participation in an undergraduate seminar, usually in the junior or senior year. In these seminars, students gain experience in learning an advanced topic and lecturing on it. In order to be eligible for departmental honors, majors must write a senior thesis.

COURSES FOR FIRST-YEAR STUDENTS

The systematic study of mathematics begins with one of the following three alternative calculus and linear algebra sequences:

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV
- MATH UN2010	and Linear Algebra
MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable Calculus
- MATH UN2010	and Linear Algebra
MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1207	and Honors Mathematics A
- MATH UN1208	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.

MATH UN1003 College Algebra and Analytic Geometry does not count toward the degree. Students who take this course do not receive college credit.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 4 or 5 on the AP Calculus AB exam provided students complete MATH 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 Calculus MATH UN1207 Honors Mathematics A with a grade of C or better. Students can receive credit for only one calculus sequence.

PLACEMENT IN THE CALCULUS SEQUENCES

Calculus I

Students who have essentially mastered a precalculus course and those who have a score of 3 or less on an Advanced Placement (AP) exam (either AB or BC) should begin their study of calculus with MATH UN1101 Calculus I.

Calculus II and III

Students with a score of 4 or 5 on the AB exam, 4 on the BC exam, or those with no AP score but with a grade of A in a full year of high school calculus may begin with either MATH UN1102 Calculus II or *MATH UN1201 Calculus III*. Note that such students who decide to start with *Calculus III* may still need to take *Calculus II* since it is a requirement or prerequisite for other courses. In particular, they **MUST** take *Calculus II* before going on to MATH UN1202 Calculus IV. Students with a score of 5 on the BC exam may begin with *Calculus III* and do not need to take *Calculus II*.

Those with a score of 4 or 5 on the AB exam or 4 on the BC exam may receive 3 points of AP credit upon completion of *Calculus II* with a grade of C or higher. Those students with a score of 5 on the BC exam may receive 6 points of AP credit upon completion of *Calculus III* with a grade of C or higher.

Accelerated Multivariable Calculus

Students with a score of 5 on the AP BC exam or 7 on the IB HL exam may begin with MATH UN1205 Accelerated Multivariable Calculus. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

Honors Mathematics A

Students who want a proof-oriented theoretical sequence and have a score of 5 on the BC exam may begin with MATH UN1207 Honors Mathematics A, which is especially designed for mathematics majors. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

TRANSFERS INSIDE THE CALCULUS SEQUENCES

Students who wish to transfer from one calculus course to another are allowed to do so beyond the date specified on the Academic Calendar. They are considered to be adjusting their level, not changing their program. However, students must obtain the approval of the new instructor and their advising dean prior to reporting to the Office of the Registrar.

GRADING

No course with a grade of D or lower can count toward the major, interdepartmental major, or concentration. Students who are doing a double major cannot double count courses for their majors.

DEPARTMENTAL HONORS

In order to be eligible for departmental honors, majors must write a senior thesis. To write a senior thesis, students must register for MATH UN3999 Senior Thesis in Mathematics in the fall semester of their senior year. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

- Mohammed Abouzaid
- David A. Bayer (Barnard)
- Simon Brendle
- Ivan Corwin
- Panagiotas Daskalopoulos
- Aise Johan de Jong
- Robert Friedman
- Dorian Goldfeld
- Brian Greene
- Richard Hamilton
- Michael Harris
- Ioannis Karatzas
- Mikhail Khovanov
- Igor Krichever
- Chiu-Chu Liu
- Dusa McDuff (Barnard)
- Walter Neumann (Barnard)
- Andrei Okounkov
- D. H. Phong
- Henry Pinkham

- Ovidiu Savin
- Michael Thaddeus (Department Chair)
- Eric Urban
- Mu-Tao Wang

ASSOCIATE PROFESSORS

- Daniela De Silva (Barnard)
- Julien Dubedat

ASSISTANT PROFESSORS

- Chao Li
- Francesco Lin
- Giulia Sacca
- Will Sawin

J.F. RITT ASSISTANT PROFESSORS

- Konstantin Aleshkin
- Evgeni Dimitrov
- Nathan Dowlin
- Alexandra Florea
- Florian Johne
- Inbar Klang
- Shotaro Makisumi
- Konstantin Matetski
- S. Michael Miller
- Henri Roesch
- Nicholas Salter
- Gus Schrader
- Akash Sengupta
- Kyler Siegel
- Yi Sun
- Evan Warner
- Hui Yu
- Yihang Zhu

SENIOR LECTURERS IN DISCIPLINE

- Lars Nielsen
- Mikhail Smirnov
- Peter Woit

LECTURERS IN DISCIPLINE

- Michael Woodbury

ON LEAVE

- Profs. Florea, Krichever, Neumann, Roesch, Sacca, Salter, Sawin (*Fall 2019*)
- Profs. Abouzaid, Hamilton, Neumann, Roesch, Sacca, Salter, Sawin (*Spring 2020*)

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
MATH UN1101 - MATH UN1102 - MATH UN1205 - MATH UN2010	Calculus I and Calculus II and Accelerated Multivariable Calculus and Linear Algebra

MATH UN1101 - MATH UN1102 - MATH UN1207 - MATH UN1208	Calculus I and Calculus II and Honors Mathematics A and Honors Mathematics B
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15 points in the following required courses:

MATH UN3951 - MATH UN3952	Undergraduate Seminars in Mathematics I and Undergraduate Seminars in Mathematics II (at least one term)
MATH GU4041 - MATH GU4042	Introduction to Modern Algebra I and Introduction to Modern Algebra II
MATH GU4061 - MATH GU4062	Introduction To Modern Analysis I and Introduction To Modern Analysis II

12 points in any combination of mathematics and cognate courses.

* Students who are not contemplating graduate study in mathematics may replace one or both of the two terms of MATH 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.

** A course not taught by the Mathematics Department is a cognate course for the mathematics major if either (a) it has at least two semesters of calculus as a stated prerequisite and is a 2000-level (or higher) course, 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: Introduction to Combinatorics and Graph Theory, in the Computer Science Department. In exceptional cases, the director of undergraduate studies may approve the substitution of certain more advanced courses for those mentioned above.

The program of study should be planned with a departmental adviser before the end of the sophomore year. Majors who are planning on graduate studies in mathematics are urged to obtain

a reading knowledge of one of the following languages: French, German, or Russian.

Majors are offered the opportunity to write an honors senior thesis under the guidance of a faculty member. Interested students should contact the director of undergraduate studies.

MAJOR IN APPLIED MATHEMATICS

The major requires 38-40 points as follows:

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV
- MATH UN2010	and Linear Algebra

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable
- MATH UN2010	Calculus
	and Linear Algebra

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1207	and Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

Select one of the following three courses:

MATH UN2500	Analysis and Optimization
MATH GU4032	Fourier Analysis
MATH GU4061	Introduction To Modern Analysis I

APMA E4901	Seminar: Problem in Applied Mathematics (junior year)
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APMA E4903	Seminar: Problems in Applied Mathematics (senior year)
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18 points in electives, selected from the following (other courses may be used with the approval of the Applied Mathematics Committee):

MATH UN2500	Analysis and Optimization
MATH UN3007	Complex Variables
or MATH GU4065	Honors Complex Variables
or APMA E4204	Functions of a Complex Variable
MATH UN3027	Ordinary Differential Equations
MATH UN3028	Partial Differential Equations
or APMA E4200	Partial Differential Equations
or APMA E6301	Analytic methods for partial differential equations
MATH GU4032	Fourier Analysis
APMA E4300	Computational Math: Introduction to Numerical Methods
APMA E4101	Introduction to Dynamical Systems
APMA E4150	Applied Functional Analysis
APMA E4400	Introduction to Biophysical Modeling

MAJOR IN COMPUTER SCIENCE–MATHEMATICS

The goal of this interdepartmental major is to provide substantial background in each of these two disciplines, focusing on some of the parts of each which are closest to the other. Students intending to pursue a Ph.D. program in either discipline are urged to take additional courses, in consultation with their advisers.

The major requires 20 points in computer science, 19-21 points in mathematics, and two 3-point electives in either computer science or mathematics.

Computer Science

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
or COMS W3137	Honors Data Structures and Algorithms
COMS W3157	Advanced Programming
COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
COMS W3261	Computer Science Theory
CSEE W3827	Fundamentals of Computer Systems

Mathematics

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV
- MATH UN2010	and Linear Algebra
MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable
- MATH UN2010	Calculus
	and Linear Algebra

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1207	and Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

MATH UN3951	Undergraduate Seminars in Mathematics I
or MATH UN3952	Undergraduate Seminars in Mathematics II
MATH GU4041	Introduction to Modern Algebra I

Electives

Select two of the following courses:

CSOR W4231	Analysis of Algorithms I
COMS W4241	Numerical Algorithms and Complexity
MATH BC2006	Combinatorics
MATH UN2500	Analysis and Optimization
MATH UN3007	Complex Variables
MATH UN3020	Number Theory and Cryptography
MATH UN3386	Differential Geometry

MATH GU4051	Topology
MATH GU4061	Introduction To Modern Analysis I

MAJOR IN ECONOMICS-MATHEMATICS

For a description of the joint major in economics-mathematics, see the *Economics* section of this bulletin.

MAJOR IN MATHEMATICS-STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics, and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

Mathematics

Select one of the following sequences:

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN2010	and Linear Algebra
- MATH UN2500	and Analysis and Optimization

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable Calculus
- MATH UN2010	and Linear Algebra
- MATH UN2500	and Analysis and Optimization

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B
- MATH UN2500	and Analysis and Optimization (with approval from the adviser)

Statistics

Introductory Course

STAT UN1201	Calculus-Based Introduction to Statistics
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Required Courses

STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models

Select one of the following courses:

STAT GU4207	Elementary Stochastic Processes
STAT GU4262	Stochastic Processes for Finance
STAT GU4264	STOCHASTIC PROCESSES-APPLIC
STAT GU4265	Stochastic Methods in Finance

Computer Science

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
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COMS W1005	Introduction to Computer Science and Programming in MATLAB
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ENGI E1006	Introduction to Computing for Engineers and Applied Scientists
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COMS W1007	Honors Introduction to Computer Science
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or an advanced computer science offering in programming

Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

Students interested in modeling applications are recommended to take MATH UN3027 Ordinary Differential Equations and MATH UN3028 Partial Differential Equations.

Students interested in finance are recommended to take MATH GR5010 Introduction to the Mathematics 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 Introduction To Modern Analysis I and MATH GU4062 Introduction To Modern Analysis II.

Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 Linear Regression Models with STAT GU4282 Linear Regression and Time Series Methods, and to take among their electives STAT GU4281 Theory of Interest.

CONCENTRATION IN MATHEMATICS

The concentration requires the following:

Mathematics

Select one of the following three multivariable calculus and linear algebra sequences:

MATH UN1201	Calculus III
- MATH UN1202	and Calculus IV
- MATH UN2010	and Linear Algebra

MATH UN1205	Accelerated Multivariable Calculus
- MATH UN2010	and Linear Algebra

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.

For mathematics courses taken in other departments, consult with the director of undergraduate studies.

MATH UN1101 Calculus I. 3 points.

Prerequisites: (see *Courses for First-Year Students*). Functions, limits, derivatives, introduction to integrals, or an understanding of pre-calculus will be assumed.

The Help Room in 333 Milbank Hall (Barnard College) is open during the day, Monday through Friday, to students seeking individual help from the teaching assistants. (SC)

Fall 2019: MATH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/29218	M W 10:10am - 11:25am 203 Mathematics Building	Daniele Alessandrini	3	41/64
MATH 1101	002/50794	M W 2:40pm - 3:55pm 203 Mathematics Building	Daniele Alessandrini	3	46/100
MATH 1101	003/50795	M W 4:10pm - 5:25pm 207 Mathematics Building	Akash Sengupta	3	63/100
MATH 1101	004/50796	M W 6:10pm - 7:25pm 312 Mathematics Building	Chao Li	3	111/116
MATH 1101	005/50797	T Th 8:40am - 9:55am 312 Mathematics Building	Zachary Sylvan	3	54/100
MATH 1101	006/50798	T Th 10:10am - 11:25am 312 Mathematics Building	Michael Woodbury	3	69/100
MATH 1101	007/50799	T Th 11:40am - 12:55pm 203 Mathematics Building	Michael Woodbury	3	63/100
MATH 1101	008/50800	T Th 2:40pm - 3:55pm 207 Mathematics Building	Alisa Knizel	3	80/100
MATH 1101	009/50801	M W 1:10pm - 2:25pm 407 Mathematics Building	Oleksandr Kravets	3	23/30
MATH 1101	010/50802	T Th 1:10pm - 2:25pm 407 Mathematics Building	Zhi Li	3	31/31

Spring 2020: MATH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/13846	M W 11:40am - 12:55pm 407 Mathematics Building	Cailan Li	3	30/30
MATH 1101	002/12024	M W 2:40pm - 3:55pm 203 Mathematics Building	Akash Sengupta	3	44/110
MATH 1101	003/12025	M W 6:10pm - 7:25pm	Gerhardt Hinkle	3	23/30

407 Mathematics Building

MATH 1101 004/12026 T Th 10:10am - 11:25am Alexandra Florea 3 103/110

203 Mathematics Building

MATH 1101 005/12027 T Th 11:40am - 12:55pm William Chen 3 33/110

203 Mathematics Building

MATH UN1102 Calculus II. 3 points.

Prerequisites: MATH UN1101 or the equivalent.

Methods of integration, applications of the integral, Taylor's theorem, infinite series. (SC)

Fall 2019: MATH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/29219	M W 1:10pm - 2:25pm 417 Mathematics Building	Yi Sun	3	55/64
MATH 1102	002/50788	T Th 10:10am - 11:25am 417 Mathematics Building	Peter Woit	3	19/64
MATH 1102	003/50789	T Th 4:10pm - 5:25pm 203 Mathematics Building	Nathan Dowlin	3	96/100
MATH 1102	004/50790	T Th 6:10pm - 7:25pm 203 Mathematics Building	Nathan Dowlin	3	46/100
MATH 1102	005/50791	M W 4:10pm - 5:25pm 407 Mathematics Building	Xuan Wu	3	18/30
MATH 1102	006/50792	T Th 11:40am - 12:55pm 407 Mathematics Building	Donghan Kim	3	33/36

Spring 2020: MATH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/12029	M W 1:10pm - 2:25pm 207 Mathematics Building	Yi Sun	3	33/125
MATH 1102	002/12030	M W 2:40pm - 3:55pm 407 Mathematics Building	Semen Rezhikov	3	30/30
MATH 1102	003/12031	T Th 11:40am - 12:55pm 207 Mathematics Building	Michael Woodbury	3	63/125
MATH 1102	004/12032	T Th 6:10pm - 7:25pm 407 Mathematics Building	Iakov Kononov	3	29/30

MATH UN1201 Calculus III. 3 points.

Prerequisites: MATH UN1101 or the equivalent

Vectors in dimensions 2 and 3, complex numbers and the complex exponential function with applications to differential equations, Cramer's rule, vector-valued functions of one variable, scalar-valued functions of several variables, partial derivatives, gradients, surfaces, optimization, the method of Lagrange multipliers. (SC)

Fall 2019: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/50765	M W 8:40am - 9:55am 312 Mathematics Building	Mohammed Abouzaid	3	60/100
MATH 1201	002/50766	M W 10:10am - 11:25am 312 Mathematics Building	Konstantin Aleshkin	3	37/100
MATH 1201	003/50767	M W 11:40am - 12:55pm 312 Mathematics Building	Konstantin Aleshkin	3	57/100
MATH 1201	004/50768	T Th 11:40am - 12:55pm 520 Mathematics Building	Ilya Kofman	3	22/49
MATH 1201	005/50769	T Th 1:10pm - 2:25pm 203 Mathematics Building	Stephen Miller	3	84/100
MATH 1201	006/50770	T Th 2:40pm - 3:55pm 312 Mathematics Building	Stephen Miller	3	86/100
MATH 1201	007/50771	T Th 4:10pm - 5:25pm 207 Mathematics Building	Inbar Klang	3	109/110
MATH 1201	008/50772	T Th 6:10pm - 7:25pm 323 Milbank Hall	Inbar Klang	3	29/100

Spring 2020: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/12037	M W 10:10am - 11:25am 207 Mathematics Building	Carolyn Abbott	3	42/125
MATH 1201	002/12039	M W 11:40am - 12:55pm 207 Mathematics Building	Konstantin Aleshkin	3	34/125
MATH 1201	003/12040	M W 2:40pm - 3:55pm 312 Mathematics Building	Igor Krichever	3	116/116
MATH 1201	004/12041	T Th 1:10pm - 2:25pm 312 Mathematics Building	Stephen Miller	3	91/116
MATH 1201	005/12042	T Th 6:10pm - 7:25pm 203 Mathematics Building	Inbar Klang	3	116/116

MATH UN1202 Calculus IV. 3 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent

Multiple integrals, Taylor's formula in several variables, line and surface integrals, calculus of vector fields, Fourier series. (SC)

Fall 2019: MATH UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/29220	M W 1:10pm - 2:25pm 203 Mathematics Building	Mu-Tao Wang	3	28/100
MATH 1202	002/50786	M W 6:10pm - 7:25pm 207 Mathematics Building	Mikhail Smirnov	3	36/100

Spring 2020: MATH UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/00067	T Th 10:10am - 11:25am Room TBA	Daniela De Silva	3	44/100
MATH 1202	002/00275	T Th 2:40pm - 3:55pm Room TBA	Lindsay Piechnik	3	38/100

MATH UN1205 Accelerated Multivariable Calculus. 4 points.

Prerequisites: (MATH UN1101 and MATH UN1102)

Vectors in dimensions 2 and 3, vector-valued functions of one variable, scalar-valued functions of several variables, partial derivatives, gradients, optimization, Lagrange multipliers, double and triple integrals, line and surface integrals, vector calculus.

This course is an accelerated version of MATH UN1201 - MATH UN1202. Students taking this course may not receive credit for MATH UN1201 and MATH UN1202.

Fall 2019: MATH UN1205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1205	001/50701	M W 2:40pm - 3:55pm 520 Mathematics Building	Robert Friedman	4	37/49

Spring 2020: MATH UN1205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1205	001/12046	M W 2:40pm - 3:55pm 407 Mathematics Building	Florian Johne	4	21/35

MATH UN1207 Honors Mathematics A. 4 points.

Prerequisites: (see Courses for First-Year Students). The second term of this course may not be taken without the first. Multivariable calculus and linear algebra from a rigorous point of view. Recommended for mathematics majors. Fulfills the linear algebra requirement for the major. (SC)

Fall 2019: MATH UN1207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1207	001/50643	M W 4:10pm - 5:25pm	Evan Warner	4	50/100

312 Mathematics
Building

MATH UN1208 Honors Mathematics B. 4 points.

Prerequisites: (see Courses for First-Year Students).

The second term of this course may not be taken without the first. Multivariable calculus and linear algebra from a rigorous point of view. Recommended for mathematics majors. Fulfills the linear algebra requirement for the major. (SC)

Spring 2020: MATH UN1208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1208	001/12047	M W 4:10pm - 5:25pm 312 Mathematics Building	Evan Warner	4	46/100

MATH UN2000 An Introduction to Higher Mathematics. 3 points.

Introduction to understanding and writing mathematical proofs. Emphasis on precise thinking and the presentation of mathematical results, both in oral and in written form. Intended for students who are considering majoring in mathematics but wish additional training. CC/GS: Partial Fulfillment of Science Requirement. BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Fall 2019: MATH UN2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/50764	M W 10:10am - 11:25am 520 Mathematics Building	Gus Schrader	3	31/49

Spring 2020: MATH UN2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/00068	M W 2:40pm - 3:55pm Room TBA	Dusa McDuff	3	23/55

MATH UN2010 Linear Algebra. 3 points.

Prerequisites: MATH UN1201 or the equivalent.

Matrices, vector spaces, linear transformations, eigenvalues and eigenvectors, canonical forms, applications. (SC)

Fall 2019: MATH UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/50780	M W 11:40am - 12:55pm 203 Mathematics Building	Francesco Lin	3	87/100
MATH 2010	002/50781	M W 4:10pm - 5:25pm 203 Mathematics Building	Kyle Hayden	3	100/102
MATH 2010	003/50782	T Th 10:10am - 11:25am 520 Mathematics Building	Henry Pinkham	3	17/49
MATH 2010	004/50783	T Th 4:10pm - 5:25pm	Michael Thaddeus	3	54/100

312 Mathematics
Building

MATH 2010	005/50784	T Th 6:10pm - 7:25pm 312 Mathematics Building	Bianca Santoro	3	60/100
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Spring 2020: MATH UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/12050	M W 10:10am - 11:25am 203 Mathematics Building	Alexis Drouot	3	49/110
MATH 2010	002/12051	M W 11:40am - 12:55pm 203 Mathematics Building	Gus Schrader	3	110/110
MATH 2010	003/12052	T Th 10:10am - 11:25am 312 Mathematics Building	Henry Pinkham	3	20/116
MATH 2010	004/12053	T Th 2:40pm - 3:55pm 207 Mathematics Building	Nathan Dowlin	3	125/125
MATH 2010	005/12054	T Th 6:10pm - 7:25pm 520 Mathematics Building	Elliott Stein	3	25/45

MATH UN2020 Honors Linear Algebra. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: MATH UN1201. A more extensive treatment of the material in MATH UN2010, with increased emphasis on proof. Not to be taken in addition to MATH UN2010 or MATH UN1207-MATH UN1208.

MATH UN2030 Ordinary Differential Equations. 3 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent.

Special differential equations of order one. Linear differential equations with constant and variable coefficients. Systems of such equations. Transform and series solution techniques. Emphasis on applications.

Fall 2019: MATH UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2030	001/50778	M W 1:10pm - 2:25pm 312 Mathematics Building	Florian Johne	3	58/100
MATH 2030	002/50779	M W 2:40pm - 3:55pm 312 Mathematics Building	Florian Johne	3	36/100

Spring 2020: MATH UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2030	001/12103	T Th 4:10pm - 5:25pm 312 Mathematics Building	Kyler Siegel	3	101/116

MATH 002/12104 T Th 6:10pm - Kyler Siegel 3 46/116
2030 7:25pm
312 Mathematics
Building

MATH UN2500 Analysis and Optimization. 3 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent and MATH UN2010.

Mathematical methods for economics. Quadratic forms, Hessian, implicit functions. Convex sets, convex functions. Optimization, constrained optimization, Kuhn-Tucker conditions. Elements of the calculus of variations and optimal control. (SC)

Fall 2019: MATH UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/50776	M W 10:10am - 11:25am 417 Mathematics Building	Shotaro Makisumi	3	59/85
MATH 2500	002/50777	M W 11:40am - 12:55pm 417 Mathematics Building	Shotaro Makisumi	3	44/64

Spring 2020: MATH UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/12105	M W 1:10pm - 2:25pm 312 Mathematics Building	Kanstantsin Matetski	3	40/110
MATH 2500	002/12107	M W 4:10pm - 5:25pm 207 Mathematics Building	Kanstantsin Matetski	3	32/125

MATH UN3007 Complex Variables. 3 points.

Prerequisites: MATH UN1202 An elementary course in functions of a complex variable.

Fundamental properties of the complex numbers, differentiability, Cauchy-Riemann equations. Cauchy integral theorem. Taylor and Laurent series, poles, and essential singularities. Residue theorem and conformal mapping.(SC)

Fall 2019: MATH UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3007	001/50755	M W 2:40pm - 3:55pm 417 Mathematics Building	Yihang Zhu	3	39/64

MATH UN3020 Number Theory and Cryptography. 3 points.

Prerequisites: one year of calculus.

Prerequisite: One year of Calculus. Congruences. Primitive roots. Quadratic residues. Contemporary applications.

Spring 2020: MATH UN3020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3020	001/12108	M W 10:10am - 11:25am 312 Mathematics Building	Shotaro Makisumi	3	96/116

MATH UN3025 Making, Breaking Codes. 3 points.

Prerequisites: (MATH UN1101 and MATH UN1102 and MATH UN1201) and and MATH UN2010.

A concrete introduction to abstract algebra. Topics in abstract algebra used in cryptography and coding theory.

Fall 2019: MATH UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3025	001/50708	T Th 1:10pm - 2:25pm 312 Mathematics Building	Dorian Goldfeld	3	76/100

MATH UN3027 Ordinary Differential Equations. 3 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent.

Corequisites: MATH UN2010

Equations of order one; systems of linear equations. Second-order equations. Series solutions at regular and singular points. Boundary value problems. Selected applications.

Fall 2019: MATH UN3027

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3027	001/50723	T Th 11:40am - 12:55pm 312 Mathematics Building	Panagiota Daskalopoulos	3	39/100

MATH UN3028 Partial Differential Equations. 3 points.

Prerequisites: MATH UN3027 and MATH UN2010 or the equivalent

Introduction to partial differential equations. First-order equations. Linear second-order equations; separation of variables, solution by series expansions. Boundary value problems.

Spring 2020: MATH UN3028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3028	001/12110	T Th 11:40am - 12:55pm 312 Mathematics Building	Panagiota Daskalopoulos	3	61/100

MATH UN3050 Discrete Time Models in Finance. 3 points.

Prerequisites: (MATH UN1102 and MATH UN1201) or (MATH UN1101 and MATH UN1102 and MATH UN1201) and MATH UN2010 Recommended: MATH UN3027 (or MATH UN2030 and SIEO W3600).

Elementary discrete time methods for pricing financial instruments, such as options. Notions of arbitrage, risk-neutral valuation, hedging, term-structure of interest rates.

Spring 2020: MATH UN3050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3050	001/12111	M W 6:10pm - 7:25pm 203 Mathematics Building	Mikhail Smirnov	3	57/100

MATH UN3386 Differential Geometry. 3 points.

Prerequisites: MATH UN1202 or the equivalent.

Local and global differential geometry of submanifolds of Euclidean 3-space. Frenet formulas for curves. Various types of curvatures for curves and surfaces and their relations. The Gauss-Bonnet theorem.

MATH UN3951 Undergraduate Seminars in Mathematics I. 3 points.

Prerequisites: Two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission.

The subject matter is announced at the start of registration and is different in each section. Each student prepares talks to be given to the seminar, under the supervision of a faculty member or senior teaching fellow.

Fall 2019: MATH UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3951	001/08781		Daniela De Silva	3	48/64
MATH 3951	002/00229		David Bayer	3	0/1

MATH UN3952 Undergraduate Seminars in Mathematics II. 3 points.

Prerequisites: two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission.

The subject matter is announced at the start of registration and is different in each section. Each student prepares talks to be given to the seminar, under the supervision of a faculty member or senior teaching fellow. Prerequisite: two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission.

Spring 2020: MATH UN3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3952	002/12112		Daniele Alessandrini	3	55/100

MATH GU4007 Analytic Number Theory. 3 points.

Prerequisites: MATH UN3007

A one semester course covering the theory of modular forms, zeta functions, L-functions, and the Riemann hypothesis. Particular topics covered include the Riemann zeta function, the prime number theorem, Dirichlet characters, Dirichlet L-functions, Siegel zeros, prime number theorem for arithmetic progressions, SL(2, Z) and subgroups, quotients of the upper half-plane and cusps, modular forms, Fourier expansions of modular forms, Hecke operators, L-functions of modular forms.

Spring 2020: MATH GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4007	001/12113	M W 2:40pm - 3:55pm	Evan Warner	3	10/20

307 Mathematics Building

MATH GU4032 Fourier Analysis. 3 points.

Prerequisites: three terms of calculus and linear algebra or four terms of calculus.

Prerequisite: three terms of calculus and linear algebra or four terms of calculus. Fourier series and integrals, discrete analogues, inversion and Poisson summation formulae, convolution.

Heisenberg uncertainty principle. Stress on the application of Fourier analysis to a wide range of disciplines.

Spring 2020: MATH GU4032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4032	001/12115	M W 11:40am - 12:55pm 307 Mathematics Building	Peter Woit	3	42/50

MATH GU4041 Introduction to Modern Algebra I. 3 points.

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent

The second term of this course may not be taken without the first. Groups, homomorphisms, rings, ideals, fields, polynomials, field extensions, Galois theory.

Fall 2019: MATH GU4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/50674	T Th 1:10pm - 2:25pm 207 Mathematics Building	Kyler Siegel	3	64/125

Spring 2020: MATH GU4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/12116	T Th 10:10am - 11:25am 520 Mathematics Building	Michael Harris	3	50/55

MATH GU4042 Introduction to Modern Algebra II. 3 points.

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent.

The second term of this course may not be taken without the first. Groups, homomorphisms, rings, ideals, fields, polynomials, field extensions, Galois theory.

Fall 2019: MATH GU4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/50644	M W 11:40am - 12:55pm 407 Mathematics Building	Gus Schrader	3	20/35

Spring 2020: MATH GU4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/12121	T Th 1:10pm - 2:25pm 417 Mathematics Building	Yihang Zhu	3	41/50

MATH GU4043 Algebraic Number Theory. 3 points.

Prerequisites: MATH GU4041 and MATH GU4042 or the equivalent

Algebraic number fields, unique factorization of ideals in the ring of algebraic integers in the field into prime ideals. Dirichlet unit theorem, finiteness of the class number, ramification. If time permits, p-adic numbers and Dedekind zeta function.

Fall 2019: MATH GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4043	001/50710	T Th 10:10am - 11:25am 307 Mathematics Building	Michael Harris	3	4/19

MATH GU4044 Representations of Finite Groups. 3 points.

Prerequisites: MATH UN2010 and MATH GU4041 or the equivalent.

Finite groups acting on finite sets and finite dimensional vector spaces. Group characters. Relations with subgroups and factor groups. Arithmetic properties of character values. Applications to the theory of finite groups: Frobenius groups, Hall subgroups and solvable groups. Characters of the symmetric groups. Spherical functions on finite groups.

Fall 2019: MATH GU4044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4044	001/50758	M W 4:10pm - 5:25pm 307 Mathematics Building	Yihang Zhu	3	6/19

MATH GU4045 Algebraic Curves. 3 points.

Prerequisites: (MATH GU4041 and MATH GU4042) and MATH UN3007

Plane curves, affine and projective varieties, singularities, normalization, Riemann surfaces, divisors, linear systems, Riemann-Roch theorem.

Spring 2020: MATH GU4045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4045	001/12122	M W 4:10pm - 5:25pm 528 Mathematics Building	Akash Sengupta	3	11/20

MATH GU4051 Topology. 3 points.

Prerequisites: (MATH UN1202 and MATH UN2010) and rudiments of group theory (e.g., MATH GU4041). MATH UN1208 or MATH GU4061 is recommended, but not required. Metric spaces, continuity, compactness, quotient spaces. The fundamental group of topological space. Examples from knot theory and surfaces. Covering spaces.

Fall 2019: MATH GU4051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4051	001/50759	T Th 4:10pm - 5:25pm	Elliott Stein	3	22/55

417 Mathematics Building

MATH GU4053 Introduction to Algebraic Topology. 3 points.

Prerequisites: MATH UN2010 and MATH GU4041 and MATH GU4051

The study of topological spaces from algebraic properties, including the essentials of homology and the fundamental group. The Brouwer fixed point theorem. The homology of surfaces. Covering spaces.

Spring 2020: MATH GU4053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4053	001/12123	T Th 2:40pm - 3:55pm 307 Mathematics Building	Oleg Lazarev	3	21/50

MATH GU4061 Introduction To Modern Analysis I. 3 points.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first.

Real numbers, metric spaces, elements of general topology. Continuous and differential functions. Implicit functions. Integration; change of variables. Function spaces.

Fall 2019: MATH GU4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/50775	T Th 2:40pm - 3:55pm 203 Mathematics Building	Evgeni Dimitrov	3	44/100
MATH 4061	002/50774	T Th 4:10pm - 5:25pm 520 Mathematics Building	Evgeni Dimitrov	3	21/49

Spring 2020: MATH GU4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/12124	M W 1:10pm - 2:25pm 417 Mathematics Building	Hui Yu	3	62/64
MATH 4061	002/12125	M W 4:10pm - 5:25pm 417 Mathematics Building	Hui Yu	3	58/64

MATH GU4052 Introduction to Knot Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH GU4051 Topology and / or MATH GU4061 Introduction To Modern Analysis I (or equivalents). Recommended (can be taken concurrently): MATH UN2010 linear algebra, or equivalent.

The study of algebraic and geometric properties of knots in \mathbb{R}^3 , including but not limited to knot projections and Reidemeister's theorem, Seifert surfaces, braids, tangles, knot polynomials, fundamental group of knot complements. Depending on time and student interest, we will discuss more advanced topics like knot

concordance, relationship to 3-manifold topology, other algebraic knot invariants.

MATH GU4062 Introduction To Modern Analysis II. 3 points.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first.

Real numbers, metric spaces, elements of general topology.

Continuous and differential functions. Implicit functions.

Integration; change of variables. Function spaces.

Fall 2019: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/50645	M W 1:10pm - 2:25pm 520 Mathematics Building	Hui Yu	3	22/49

Spring 2020: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/12126	M W 1:10pm - 2:25pm 407 Mathematics Building	Evgeni Dimitrov	3	36/65

MATH GU4065 Honors Complex Variables. 3 points.

Prerequisites: (MATH UN1207 and MATH UN1208) or MATH GU4061

A theoretical introduction to analytic functions. Holomorphic functions, harmonic functions, power series, Cauchy-Riemann equations, Cauchy's integral formula, poles, Laurent series, residue theorem. Other topics as time permits: elliptic functions, the gamma and zeta function, the Riemann mapping theorem, Riemann surfaces, Nevanlinna theory.

Fall 2019: MATH GU4065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4065	001/50691	T Th 11:40am - 12:55pm 307 Mathematics Building	Julien Dubedat	3	12/19

MATH GU4081 Introduction to Differentiable Manifolds. 3 points.

Prerequisites: (MATH GU4051 or MATH GU4061) and MATH UN2010

Concept of a differentiable manifold. Tangent spaces and vector fields. The inverse function theorem. Transversality and Sard's theorem. Intersection theory. Orientations. Poincare-Hopf theorem. Differential forms and Stokes' theorem.

Fall 2019: MATH GU4081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4081	001/08792	M W 10:10am - 11:25am 302 Milbank Hall	Dusa McDuff	3	9/40

MATH GU4155 Probability Theory. 3 points.

Prerequisites: MATH GU4061 or MATH UN3007

A rigorous introduction to the concepts and methods of mathematical probability starting with basic notions and making use of combinatorial and analytic techniques. Generating functions. Convergence in probability and in distribution. Discrete probability spaces, recurrence and transience of random walks. Infinite models, proof of the law of large numbers and the central limit theorem. Markov chains.

Spring 2020: MATH GU4155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4155	001/12127	T Th 4:10pm - 5:25pm 407 Mathematics Building	Ioannis Karatzas	3	55/55

MATH GU4391 Intro to Quantum Mechanics: An Introduction for Mathematicians and Physicists I. 3 points. **Not offered during 2019-20 academic year.**

Prerequisites: MATH UN1202 or the equivalent and MATH UN2010. This course will focus on quantum mechanics, paying attention to both the underlying mathematical structures as well as their physical motivations and consequences. It is meant for undergraduates with no previous formal training in quantum theory. The measurement problem and issues of non-locality will be stressed.

MATH GU4392 Quantum Mechanics: An Introduction for Mathematicians and Physicists II. 3 points. **Not offered during 2019-20 academic year.**

Prerequisites: MATH UN1202 or the equivalent, MATH UN2010 and MATH GU4391. This course will focus on quantum mechanics, paying attention to both the underlying mathematical structures as well as their physical motivations and consequences. It is meant for undergraduates with no previous formal training in quantum theory. The measurement problem and issues of non-locality will be stressed.

MATH GR5010 Introduction to the Mathematics of Finance. 3 points.

Prerequisites: MATH UN1102 and MATH UN1201, or their equivalents.

Introduction to mathematical methods in pricing of options, futures and other derivative securities, risk management, portfolio management and investment strategies with an emphasis of both theoretical and practical aspects. Topics include: Arithmetic and Geometric Brownian motion processes, Black-Scholes partial differential equation, Black-Scholes option pricing formula, Ornstein-Uhlenbeck processes, volatility models, risk models, value-at-risk and conditional value-at-risk, portfolio construction and optimization methods.

Fall 2019: MATH GR5010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 5010	001/50715	M W 7:40pm - 8:55pm	Mikhail Smirnov	3	128/140

207 Mathematics
Building

OF RELATED INTEREST

Computer Science

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory

COMS W3251

COMS W4203 Graph Theory

Industrial Engineering and Operations Research

CSOR E4010 Graph Theory: A Combinatorial View

MEDIEVAL AND RENAISSANCE STUDIES

Program Director: Prof. Adam Kosto, 404 Fayerweather Hall, ajkosto@columbia.edu

Program Administrator: To be announced, medren@columbia.edu

Medieval and Renaissance studies is an interdisciplinary program in which a student combines a concentration in medieval or Renaissance civilization with a major or concentration in one of the following departments:

- Art History and Archaeology
- Classics
- East Asian Languages and Cultures
- English and Comparative Literature
- French and Romance Philology
- Germanic Languages
- History
- Italian
- Latin American and Iberian Cultures
- Middle Eastern, South Asian, and African Studies
- Music
- Philosophy
- Religion
- Slavic Languages

For more information about the special concentration in medieval and Renaissance studies, visit <http://medren.columbia.edu/>.

EXECUTIVE COMMITTEE OF THE INTERDEPARTMENTAL COMMITTEE ON MEDIEVAL AND RENAISSANCE STUDIES

Christopher Baswell (English and Comparative Literature)
Susan Boynton (Music; Program Director, Medieval and Renaissance Studies)

Consuelo Dutschke (Rare Book and Manuscript Library)
Rachel Eisendrath (Barnard Department of English, Barnard Medieval and Renaissance Studies)
Carmela Franklin (Classics)
Seth Kimmel (Latin American and Iberian Cultures)
Adam Kosto (History)
Pamela Smith (History)
Alan Stewart (English and Comparative Literature)
Jesus Rodriguez-Velasco (Latin American and Iberian Cultures)
Michael Waters (Art History and Archaeology)
Eliza Zingesser (French and Romance Philology)

Full Faculty List: <https://medren.columbia.edu/people> (<https://medren.columbia.edu/people/>)

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 and Literature, MDES GU4214 Fourth Year Classical Arabic I) or through research (e.g., a senior thesis or seminar paper with substantial use of original language sources). Any courses outside the major used to demonstrate the language requirement may also count toward the course requirement for the special concentration. Students should gain approval of the director of the program in advance for plans to fulfill this language requirement.

MRST GU4201 History of the Medieval Book: Manuscripts as Material Culture. 4 points.

This course will study the medieval book as a multimedia physical and cultural artifact. We will begin with a study of the technology of book production from Late Antiquity through the High Middle Ages, including the shift from roll to codex, the preparation of parchment, the development of inks and pigments, and techniques for decoration. Next, the class will turn to the various uses of books within both religious and secular contexts, as well as to the use of books as a medium of self-representation and the transfer and transformation of bodies of religious and scientific

knowledge. Finally, the course will consider the use of the growing number of digital manuscript collections accessible on the internet for teaching and research.

MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Departmental Office: 401 Knox; 212-854-2556
<http://www.columbia.edu/cu/mesaas/>

Director of Undergraduate Studies: Timothy Mitchell,
407 Knox; 212-854-5252; tm2421@columbia.edu
(kk2918@columbia.edu)

Language Coordinators:

African Languages: Mariame Sy, 408 Knox; 212-851-2439;
sms2168@columbia.edu

Arabic: Taoufik Ben Amor, 308 Knox; 212-854-2985;
tb46@columbia.edu

Armenian: Charry Karamanoukian, 407 Knox; 212-851-4002;
ck2444@columbia.edu

Hebrew: Naama Harel, 410 Knox Hall, 212-854-6668;
nh2508@columbia.edu

Hindi/Urdu: Rakesh Ranjan, 409 Knox; 212-851-4107;
rr2574@columbia.edu

Persian: Saeed Honarmand, 313 Knox; sh3468@columbia.edu

Sanskrit: Tyler Richard, 311 Knox; 212-854-1304;
tmr2151@columbia.edu (gl2392@columbia.edu)

Tamil: Tyler Richard, 311 Knox; 212-854-1304;
tmr2151@columbia.edu (dss2121@columbia.edu)

Turkish: Zuleyha Colak, 412 Knox; 212-854-0473;
zc2208@columbia.edu

The undergraduate program in Middle Eastern, South Asian, and African studies (MESAAS) offers students the opportunity to study in depth the cultures, ideas, histories, and politics of several overlapping world regions. The program emphasizes a close engagement with intellectual traditions, creative movements, and political debates, drawing on a wide variety of historical and contemporary sources in literature, religion, political thought, law, the visual and performing arts, and new media. Courses also examine the historical and cultural contexts in which these traditions and debates have been produced.

MAJORS AND CONCENTRATIONS

Majors develop two closely related skills. The first is linguistic expertise. A minimum of two years of course work in one language is required, and further work (including intensive summer language study) is greatly encouraged, because the aim is to study a cultural field through its own texts and discourses. The Department of Middle Eastern, South Asian, and African Studies offers courses in Arabic, Persian, Turkish, Hebrew, Armenian, Sanskrit, Hindi/Urdu, Bengali, Tamil, Swahili, Wolof, and Zulu.

The second skill is learning how to think and write about complex cultural formations, drawing on a variety of methods and disciplinary approaches. The approaches vary according to the faculty members' expertise, incorporating methods from relevant fields in the humanities and social sciences, such as literary criticism, film studies, cultural studies, political theory, and intellectual history.

The only difference between the MESAAS major and the concentration is that the latter does not require language proficiency.

PROFESSORS

Gil Anidjar
Muhsin J. Ali al-Musawi
Partha Chatterjee
Hamid Dabashi
Mamadou Diouf
Wael Hallaq
Gil Hochberg
Sudipta Kaviraj
Rashid Khalidi
Mahmood Mamdani
Joseph Massad
Brinkley Messick
Dan Miron (*emeritus*)
Timothy Mitchell
Sheldon Pollock
Frances Pritchett (*emeritus*)
George Saliba (*emeritus*)

ASSOCIATE PROFESSORS

Allison Busch
Mana Kia
Jennifer Wenzel

ASSISTANT PROFESSORS

Sarah bin Tyer
Debashree Mukherjee
Elaine van Dalen
Elleni Centime Zeleke

SENIOR LECTURERS

Taoufik Ben Amor
Zuleyha Colak
Abdul Nanji
Rakesh Ranjan

LECTURERS

Ouijdane Absi
Aftab Ahmad
May Ahmar
Rym Bettaieb
Abdelrazzaq Ben Tarif
Ihsan Colak
Reem Faraj

Illan Gonen
 Jacqueline Habra
 Naama Harel
 Saeed Honarmand
 Charry Karamanoukian
 Danielle Katz
 Khatchig Mouradian
 Youssef Nouhi
 Michelle Quay
 Tyler Richard
 Jishnu Shankar
 Mariame Sy

ON LEAVE

Profs. Absi, Ben Amor, Busch, Dabashi, Pollock (Fall 2019)
 Profs. Absi, Ben Amor, Chatterjee, Mamdani, Mukherjee, Pollock
 (Spring, 2020)

GUIDELINES FOR ALL MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES MAJORS AND CONCENTRATORS

Introduction to MESAAS

Majors and concentrators begin their work with an introductory course that emphasizes a particular area (the Middle East, South Asia, or Africa). For instance, students interested in the Middle East would take ASCM UN2003 Introduction to Islamic Civilization or ASCM UN2008 Contemporary Islamic Civilization. Students keen on learning more about South Asia would take ASCM UN2357 Introduction 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 and South Asia (for those focusing on the Middle East and South Asia) or AFCV UN1020 African Civilizations (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 (<http://www.columbia.edu/cu/mesaas/>) and, if necessary, consult the relevant Coordinator listed on that page. The website includes separate pages for each language, describing the program of instruction, courses for heritage speakers, summer language programs, and more. Language courses must be taken for a letter grade. Pass/D/Fail or Registration credit (R) is not permitted. Those seeking to waive a language requirement must take a proficiency test.

Students who enter with language proficiency at only the second-year level must complete one additional year of language study and one additional MESAAS course. When students enter with language proficiency at the third year level (or in cases where only two years of a particular language are offered in MESAAS), they must substitute three additional MESAAS courses.

Advising

Newly declared majors and concentrators should meet with the director of undergraduate studies in order to plan a program of study. The goal is to strike a balance between courses that help a student achieve depth in a particular area/discipline and those that foster a wider perspective.

Although students are encouraged to approach faculty in the department based on their specific interests, the director of undergraduate studies functions as an ad hoc adviser for all entering students, addressing issues of course requirements, credit, approval for courses in other departments or schools, study abroad, and, eventually, honors requirements (including the senior thesis). Students should not hesitate to contact the director of undergraduate studies to set up an appointment.

Grading

Courses in which the grade of D has been received do not count toward the major or concentration requirements, nor do those taken Pass/D/Fail, except for the first course taken toward the major or concentration.

Honors Program/Senior Thesis

Students may also wish to write a thesis. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should attend the relevant information sessions and identify a potential faculty adviser.

All students who wish to write a thesis must enroll in MDES UN3960 MESAAS Honors Thesis Seminar, a full year course consisting of a 1-point segment in the Fall semester and a 3-point segment in the Spring semester. Students work closely with their peers in a supportive environment to produce a substantial piece of research (in the range of 40 pages). The primary intellectual guidance is provided by the faculty adviser, whereas the director of undergraduate studies and the honors seminar teaching assistant oversee the general development of the project. Every year in April, MESAAS hosts a senior colloquium in which students present their research. For more information on the honors program, see *Frequently Asked Questions* on the departmental website (<http://www.columbia.edu/cu/mesaas/>).

For additional guidelines, see *Departmental Honors* as outlined in the *Academic Honors, Prizes, and Fellowships* section of the Columbia College Bulletin.

MAJOR IN MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Students should obtain a Major Declaration (https://www.studentaffairs.columbia.edu/sites/dsa/files/forms/CC%20major%20declaration_1.pdf) form from their advising dean and bring it to the director of undergraduate studies for approval. The director of undergraduate studies meets with students as necessary in order to establish and approve their individual programs of study. The requirements for the major are as follows:

Select a one-term introductory culture course, to be approved by the director of undergraduate studies

AHUM UN1399	Colloquium on Major Texts: Middle East and South Asia
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 (<http://www.ias.columbia.edu/academics/>).
5. Language: A minimum of two years of course work in Swahili, Arabic, Pular, or another African language. See the MESAAS language programs here (<http://www.columbia.edu/cu/mesaas/languages/>). Those already fluent in an African language may substitute other courses—see FAQ (<http://www.columbia.edu/cu/mesaas/undergraduate/faqs.html#fluent>). Not required for the concentration.

Middle Eastern Studies

1. ASCM UN2003 Islamic Civilization or another approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India
3. MDES UN3000 Theory and Culture
4. Five additional courses on the Middle East, such as: Arabic Self-Narratives; Central Questions in Islamic Law, Palestinian-Israeli Politics and Society, or Epics and Empires (see the Courses page for more options). You may include up to two courses from other departments, in fields such as Middle Eastern history, politics, and anthropology, or Islamic art, subject to the approval of the Director of Undergraduate Studies. Find a list of Middle East courses in other departments here (<http://www.mei.columbia.edu/>).
5. Language: A minimum of two years of coursework in Arabic, Hebrew, Persian, Turkish, or Armenian. See the MESAAS language programs here (<http://www.columbia.edu/cu/mesaas/languages/>). Those already fluent in a Middle Eastern language may substitute other courses—see FAQ (<http://www.columbia.edu/cu/mesaas/undergraduate/faqs.html#fluent>).

www.columbia.edu/cu/mesaas/undergraduate/faqs.html#fluent). 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 (<http://sai.columbia.edu/courses/>).
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 (<http://www.columbia.edu/cu/mesaas/languages/>). Those already fluent in a South Asian language may substitute other courses—see FAQ (<http://www.columbia.edu/cu/mesaas/undergraduate/faqs.html#fluent>). Not required for the concentration.

Combined

There is also a combined option. For this, you may satisfy the five requirements by choosing courses from any of the three tracks.

1. An approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India – OR: CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses, fitting one's course of study, to be approved by DUS
5. Language: A minimum of two years of course work in any of the regional MESAAS languages, to be approved by the DUS.

CONCENTRATION IN MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

The requirements are identical with those for the major, except that there is no departmental language requirement. Fifteen points in department courses, selected with the approval of the director of undergraduate studies. These may not include elementary or intermediate language courses. Not more than two courses out of the general 15 points may be devoted to language study.

LECTURES AND SEMINARS

MDES UN1001 Critical Theory: A Global Perspective. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The purpose of this foundational course is to introduce Columbia undergraduate students, in the context of their Global Core curriculum, to the seminal field of critical theory. The

historical domain of this course is within the last century and its geographical spectrum is global. European critical thinkers are included in this course but not privileged. Thinkers from Asia, Africa, Europe, North, South, and Latin America, are examined here in chronological order and in equal democratic footing with each other. This course as a result is decidedly cross-cultural, one step forward towards de-alienating critical thinkers from around the globe and the issues they address without pigeonholing them as something “other” or “different.”

The course is designed and offered in the true spirit of the “Global Core.” The purpose of the course is to reach for the common denominator of serious critical thinking about the fate of our humanity and the health of our social relations in an increasingly fragile world—where the false binaries of “the West” and “the Rest” no longer hold. The roster of critical thinkers we will examine is by no means exhaustive but representative. Any number of other critical thinkers can be added to this roster but none of those we will examine can be excluded from them.

The course is divided into thirteen successive weeks and for each week a number of seminal, original, and groundbreaking texts are identified. Each week we will examine selected passages from these texts. The course is designed as a lecture course, and my lectures are based on the totality of these texts but students will be assigned specific shorter passages to read.

Spring 2020: MDES UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1001	001/14344	T Th 11:40am - 12:55pm Room TBA	Hamid Dabashi	4	120/120

ASCM UN2003 Introduction to Islamic Civilization. 4 points.

Lecture and recitation. Islamic civilization and its characteristic intellectual, political, social, and cultural traditions up through 1800. Note: Students must register for a discussion section, ASCM UN2113.

Fall 2019: ASCM UN2003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2003	001/41147	T Th 11:40am - 12:55pm 310 Fayerweather	Matthew Keegan	4	34/90

ASCM UN2008 Contemporary Islamic Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and recitation. No previous study of Islam is required. The contemporary Islamic world studied through freshly translated texts; recorded interviews with religious, political, and intellectual leaders; and films highlighting the main artistic and cultural currents. Topics include religion and society, religion and politics, issues of development, theories of government, gender issues, East-West confrontation, theatre, arts, films, poetry, music, and the short novel.

Spring 2020: ASCM UN2008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2008	001/16363	T Th 1:10pm - 2:25pm Room TBA	Matthew Keegan	4	61/90

MDES UN3000 Theory and Culture. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

Required of all majors. Introduces theories of culture particularly related to the Middle East, South Asia, and Africa. Theoretical debates on the nature and function of culture as a symbolic reading of human collectivities. Examines critical cultural studies of the Middle East, South Asia, and Africa. Enables students to articulate their emerging knowledge of Middle East, South Asian, and African cultures in a theoretically informed language.

Fall 2019: MDES UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3000	001/41191	T Th 2:40pm - 3:55pm 517 Hamilton Hall	Gil Hochberg	4	64/80

AHUM UN1399 Colloquium on Major Texts: Middle East and South Asia. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Readings in translation and discussion of texts of Middle Eastern and Indian origin. Readings may include the Qur'an, Islamic philosophy, Sufi poetry, the Upanishads, Buddhist sutras, the Bhagavad Gita, Indian epics and drama, and Gandhi's Autobiography.

Fall 2019: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/41146	M 4:10pm - 6:00pm 402 International Affairs Bldg	Elaine van Dalen	4	16/20
AHUM 1399	002/00108	T 2:10pm - 4:00pm 306 Milbank Hall	Nathanael Shelley	4	12/20
AHUM 1399	003/00109	W 12:10pm - 2:00pm 306 Milbank Hall	Nathanael Shelley	4	16/20

Spring 2020: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/13904	M 4:10pm - 6:00pm Room TBA	Wael Hallaq	4	22/25
AHUM 1399	002/00442	W 2:10pm - 4:00pm Room TBA	Matthew Keegan	4	18/20
AHUM 1399	003/14295	W 2:10pm - 4:00pm Room TBA	Mana Kia	4	18/25
AHUM 1399	004/00707	M 2:10pm - 4:00pm Room TBA	Rachel McDermott	4	20/20

MDES UN2641 Cinemas of India. 3 points.

This course offers an expansive journey through the forms, pleasures, and meanings of Indian cinema. It explores the plural beginnings of popular film; the many competing cinemas

produced across India; the diverse protagonists (from vamps to vigilantes) that populate the imagined entity named 'national cinema'; and the varied audiences addressed by these cinemas. Over the course of the semester, we will watch 15 of the most iconic narrative films produced in India, including *Diamond Queen* (1940), *Awara* (1951), *Deewar* (1975), *Roja* (1992), *Mahanagar* (1963), and *Bandit Queen* (1994). As we voyage with the dynamic, shifting codes and priorities of India's fiction filmmaking, we also shadow the emergence of the Indian nation and contestations of its coherence.

MDES UN2650 Gandhi and His Interlocutors. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

Gandhi is in two senses an extraordinary figure: he was the most important leader of anti-imperialist movements in the twentieth century; yet, his ideas about modernity, the state, the industrial economy, technology, humanity's place in nature, the presence of God – were all highly idiosyncratic, sometimes at odds with the main trends of modern civilization. How did a man with such views come to have such an immense effect on history? In some ways, Gandhi is an excellent entry into the complex history of modern India – its contradictions, achievements, failures, possibilities. This course will be primarily a course on social theory, focusing on texts and discursive exchanges between various perceptions of modernity in India. It will have two parts: the first part will be based on reading Gandhi's own writings; the second, on the writings of his main interlocutors. It is hoped that through these exchanges students will get a vivid picture of the intellectual ferment in modern India, and the main lines of social and political thought that define its intellectual culture. The study in this course can be followed up by taking related courses in Indian political thought, or Indian politics or modern history. This course may not be taken as Pass/D/Fail.

Fall 2019: MDES UN2650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2650	001/10367	T Th 10:10am - 11:25am 311 River Side Church	Sudipta Kaviraj	4	19/60

HSME UN2915 Africa Before Colonialism: From Prehistory to the Birth of the Atlantic World. 4 points.

This course is an interdisciplinary exploration of the precolonial history of the African continent. It investigates in-depth the political, social, cultural and economic developments of different Africa communities, covering various regions and periods, from prehistory to the formation of the Indian Ocean and Atlantic worlds. Its focus is the intersection of politics, economics, culture and society. Using world history and Africa's location in the production of history as key analytical frames, it pays special attention to social, political and cultural changes that shaped the various individual and collective experiences of African peoples and states and the historical discourses associated to them.

Fall 2019: HSME UN2915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2915	001/41063	M W 11:40am - 12:55pm 103 Knox Hall	Mamadou Diouf	4	13/30

MDES UN3004 Islam in South Asia. 3 points.

This course explores the beginnings of Islam in South Asia, its growth over time, and the development of South Asian Muslims' cultural, social, religious and political life from the 8th century until the present. It assumes no previous background in Islamic or South Asian studies. Readings will include not only scholarly works, but also material in translation from chronicles, biographies, memoirs, novels, stories, and other primary sources.

MDES UN3042 Palestinian and Israeli Politics and Society. 4 points.

The History of the Jewish Enlightenment (Haskala) in 19th century Europe and the development of Zionism through the current "peace process" between the state of Israel and the Arab states and the Palestinian national movement. Provides a historical overview of the Zionist-Palestinian conflict to familiarize undergraduates with the background of the current situation. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3042	001/14175	T Th 2:40pm - 3:55pm Room TBA	Joseph Massad	4	40/60

MDES UN3046 The Intersectional Politics of Religion. 3 points.

The Islamic veil controversy in France, the Rohingya crisis in Myanmar, the Kashmir lockdown, the lynching of Dalits in India – all seem to be connected through the ideas of 'religion', and certain religious identities as the basis for violence. What is the understanding of the religious that seems to be the operative factor in these events? Is it a singular concept of religion or are there different connotations of this category? For instance, how do we understand religion when it bifurcates the women's movement between Western 'secular' women and non-Western 'Muslim' women? Is it the same concept when we identify 'religion' as the basis for the harmonious coexistence of Hindus and Muslims among certain non-elite communities in India? In this course, we ask if it even possible to understand, 'religious' events in the modern political world, *without* asking what other categories implicitly inform our notion of the religious – such as, gender, caste, culture, race and historiography. We move beyond the strict dichotomy, of religion and secularism, as something given and unproblematic. Drawing from examples and events in modern South Asia as well as other postcolonial contexts, we attempt to respond to the concepts, contradictions, and dilemmas that accompany the question of when and how the religious becomes the political in the modern world.

Our weekly sessions will be devoted to reading texts from various disciplines and analyzing how the main argument is formulated

and how that relates to a critique of the concept of religion in modern South Asia. Some weeks the scholarly texts will be supplemented by primary texts/case studies that will serve as direct demonstration of the problems that will be explored in the course. The engagement with sources from various disciplines will expose us to interdisciplinary content as well as diverse methods of critical analysis and argumentation. It will also help acquire the practice of identifying the central argument of the text, understand how the broad argument is actually formulated through smaller steps, and achieve the analytic skill to critically locate that single argument within a larger body of scholarship.

Spring 2020: MDES UN3046

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3046	001/16150	T 12:10pm - 2:00pm Room TBA	Sayori Ghoshal	3	8/15

MDES UN3121 Literature and Cultures of Struggle in South Africa. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Generations of resistance have shaped contemporary life in South Africa -- in struggles against colonialism, segregation, the legislated racism known as apartheid, and the entrenched inequalities of the post-apartheid era. Two constants in this history of struggle have been youth as a vanguard of liberation movements and culture as a "weapon of struggle." As new generation of South African youth -- the "born frees" -- has now taken to the streets and social media to "decolonize" the university and claim their education as a meaningful right, this course traces the ways that generations of writers, artists, and activists have faced censorship, exile, and repression in an ongoing struggle to dismantle apartheid and to free the mind, "the most powerful weapon in the hands of the oppressor" according to Black Consciousness activist Steve Biko. This course traces the profoundly important roles that literature and other cultural production (music, photography, film, comics, Twitter hashtags like #rhodesmustfall and #feesmustfall) have played in struggle against apartheid and its lingering afterlife. Although many of our texts were originally written in English, we will also discuss the historical forces, including nineteenth-century Christian missions and Bantu Education, as well as South Africa's post-1994 commitment to being a multilingual democracy, that have shaped the linguistic texture of South African cultural life.

MDES UN3130 East Africa and the Swahili Coast. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers an introduction to East African history and society. It is intended primarily for those who have taken an introductory course in African studies, such as MDES W2030 Major Debates in the Study of Africa or AFCV 1020 African Civilization, or similar courses in South Asian or Middle Eastern studies. Students read anthropological and historical studies of the region, alongside works of literature by a number of leading East African writers. The course emphasizes the historical role of the Swahili coast and Swahili language as forces that shaped an interconnected world stretching far inland and across the Indian

Ocean, but that also shaped adversity and antagonisms. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement.

CLME UN3221 Arabic Literature As World Literature. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This advanced undergraduate seminar focuses on Arabic literature in the world, as World Literature. The focus will be particularly on pre-modern Arabic literary works that traveled and circulated and were adapted to and acquired individual meanings in different cultures. We will look at how literary works travel and circulate through its fusion with regional concepts, or even take on new meanings at different times and places. Admittedly, also, we will look into the strengths, weaknesses, and criticism surrounding World Literature.

MDES UN3260 Rethinking Middle East Politics. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines a set of questions that have shaped the study of the politics of the modern Middle East. It looks at the main ways those questions have been answered, exploring debates both in Western academic scholarship and among scholars and intellectuals in the region itself. For each question, the course offers new ways of thinking about the issue or ways of framing it in different terms. The topics covered in the course include: the kinds of modern state that emerged in the Middle East and the ways its forms of power and authority were shaped; the birth of economic development as a way of describing the function and measuring the success of the state, and the changing metrics of this success; the influence of oil on the politics of the region; the nature and role of Islamic political movements; the transformation of the countryside and the city and the role of rural populations and of urban protest in modern politics; and the politics of armed force and political violence in the region, and the ways in which this has been understood. The focus of the course will be on the politics of the twentieth century, but many topics will be traced back into developments that occurred in earlier periods, and several will be explored up to the present. The course is divided into four parts, each ending with a paper or exam in which participants are asked to analyze the material covered. Each part of the course has a geographical focus on a country or group of countries and a thematic focus on a particular set of questions of historical and political analysis.

Spring 2020: MDES UN3260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3260	001/13905	M W 11:40am - 12:55pm Room TBA	Timothy Mitchell	4	99/90

MDES UN3263 Cannabis and Culture: Hashish, Law and Social History in Egypt. 3 points.

The course examines the shifting popular and legal attitudes towards cannabis from Mamluk to contemporary Egypt. How were cannabis conceptualized and treated in pre-prohibition (and precolonial) Egypt? What were the dominant legal views on the

consumption and trade of cannabis? What were the concerns of sharia jurists, and how are they different from legislators in contemporary Egypt? Why is the Egyptian regime insistent on criminalizing cannabis, despite the failure to curb the growth in consumption? Is the decriminalization movement simply restoring a pre-prohibition order? And why and in what contexts is the consumption of cannabis tolerated today despite being criminalized?

Fall 2019: MDES UN3263

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3263	001/13455	T 12:10pm - 2:00pm 207 Knox Hall	Ibrahim El Houdaiby	3	5/15

MDES UN3445 Societies & Cultures Across the Indian Ocean. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course is designed to introduce the Indian Ocean as a region linking the Middle East, East Africa, South and Southeast Asia. With a focus on both continuities and rupture from the medieval to the modern period, we study select cultures and societies brought into contact through interregional migration and travel from the 10th to 20th centuries. Different types of people - nobles, merchants, soldiers, statesmen, sailors, scholars, slaves - experienced mobility in different ways. How did different groups of people represent such mobilities? What kinds of cooperation, accommodation or conflict did different Indian Ocean encounters engender? Using an array of different primary sources, we look at particular case studies and their broader social and cultural contexts.

Fall 2019: MDES UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3445	001/41261	M W 1:10pm - 2:25pm 825 Seeley W. Mudd Building	Mana Kia	3	19/30

MDES UN3644 Visual Cultures of Modern South Asia. 3 points.

This lecture course introduces students to the power and meaning of popular visual cultures of South Asia. Visual culture is a crucial arena for the enactment of social transformations and the creation of collective imaginaries. We will track such varied modern media types as calendar art, photography, film, architecture, clothing, and religious festivals, loosely following key chronological signposts in the shared histories of the subcontinent. Together, we will practice a new way of understanding history and society – a visual way that will make us aware of the diversity of hopes, fears, and dreams that comprise South Asia. Designed for students with a basic understanding of South Asian history, the course aims to familiarize you with key methodological approaches in visual culture studies and current debates in South Asian art history and media theory.

Fall 2019: MDES UN3644

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3644	001/10371	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Debashree Mukherjee	3	4/30

MDES UN3920 Contemporary Culture in the Modern Arab World. 3 points.

Prerequisites: the instructor's permission.

This seminar, designed for seniors, aims to acquaint students with the notion and theoretical understanding of culture and to introduce them to a critical method by which they can study and appreciate contemporary culture in the Arab World. The seminar will survey examples of written and cinematic culture (fiction and autobiography), as well as music, dance, and literary criticism in the contemporary Arab world. Students will be reading novels, autobiographies and literary criticism, as well as watch films and listen to music as part of the syllabus. All material will be in translation. Films will be subtitled. Songs will be in Arabic.

Fall 2019: MDES UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3920	001/41198	W 4:10pm - 6:00pm 207 Knox Hall	Joseph Massad	3	5/24

MDES UN3923 Central Questions in Islamic Law. 3 points.

Through detailed discussions of certain landmarks in Islamic legal history (e.g., origins; early formation; sources of law; intellectual make-up; the workings of court; legal change; women in the law; legal effects of colonialism; modernity and legal reform, etc.), the course aims at providing an introductory but integrated view of Islamic law, a definition, so to speak, of what it was/is. Please note, this course must be taken for a letter grade.

Fall 2019: MDES UN3923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3923	001/10230	T 4:10pm - 6:00pm 415 Schapiro Ceper	Wael Hallaq	3	12/20

CLME UN3928 Arabic Prison Writing. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies the genealogy of the prison in Arab culture as manifested in memoirs, narratives, and poems. These cut across a vast temporal and spatial swathe, covering selections from the Quran, Sufi narratives from al-Hallaj oeuvre, poetry by prisoners of war: classical, medieval, and modern. It also studies modern narratives by women prisoners and political prisoners, and narratives that engage with these issues. Arabic prison writing is studied against other genealogies of this prism, especially in the West, to map out the birth of prison, its institutionalization, mechanism, and role. All readings for the course are in English translations.

Fall 2019: CLME UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLME 3928	001/17936	Th 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	3	10/20
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MDES UN3960 MESAAS Honors Thesis Seminar. 4 points.
Open to seniors who have declared MESAAS as their major only.

Prerequisites: minimum GPA of 3.5 in MESAAS courses.

The MESAAS honors seminar offers students the opportunity to undertake a sustained research project under close faculty supervision. The DUS advises on general issues of project design, format, approach, general research methodologies, and timetable. In addition, students work with an individual advisor who has expertise in the area of the thesis and can advise on the specifics of method and content. The thesis will be jointly evaluated by the adviser, the DUS, and the honors thesis TA. The DUS will lead students through a variety of exercises that are directly geared to facilitating the thesis. Students build their research, interpretive, and writing skills; discuss methodological approaches; write an annotated bibliography; learn to give constructive feedback to peers and respond to feedback effectively. The final product is a polished research paper in the range of 40-60 pages. Please note: This is a one-year course that begins in the fall semester (1 point) and continues through the spring semester (3 points). Only students who have completed both semesters will receive the full 4 points of credit.

Fall 2019: MDES UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/41129	T 6:10pm - 7:25pm 208 Knox Hall	Timothy Mitchell	4	7/20

Spring 2020: MDES UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/14065	T 6:10pm - 8:00pm 208 Knox Hall	Timothy Mitchell	4	7/20

CLME GU4031 Cinema and Society In Asia and Africa. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to Middle Eastern cinema as a unique cultural product in which artistic sensibilities are mobilized to address, and thus reflect, significant aspects of contemporary society, Arab, Israeli, Turkish, and Iranian cinema. Cultural and collective expressions of some enduring concerns in modern Middle Eastern societies. No P/D/F or R credit is allowed for this class.

MDES G4052 Locating Africa in the Early 20th Century World. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Not offered during 2019-20 academic year.

During the early twentieth century the meaning of Africa and its location within the "universal" historical narrative was a source of discussion and debate among western and African elites. In this seminar, we will study the ways that African and people of African descent participated in this discussion. Through primary and secondary readings, we will learn about how African, African American and European writers, artists and activists engaged and

(re) interpreted imperial and international resources (including the insights of the new sciences of Man) to (re)imagine their political and social situations, and to participate in various political expressions, including surrealism, pan-Africanism, communism, feminism, black internationalism, and anti-imperialism. We will also engage critically debates (e.g., Egyptianisms and Ethiopianisms) and theoretical developments in African, imperial, transnational, international and global scholarship that seeks to understand the complex traffic of people and ideas across national and imperial boundaries.

MDES GU4122 The Novel in Africa. 4 points.

The main task of this course will be to read novels by African writers. But "the novel in Africa" also involves connections between the literary genre of the novel and the historical processes of colonialism, decolonization, and globalization in Africa. One important question we'll consider is how African novels depict those historical experiences in their themes and plots—we'll read novels that are "about" colonialism, etc. A more complex question is how these historical processes relate to the emergence of the novel as an important genre for African writers. Edward Said went so far as to say that without imperialism, there would be no *European* novel as we know it. How can we understand the novel in Africa (whether read or written) as a product of the colonial encounter? How did it shape the process of decolonization? What contribution to history, whether literary or political, does the novel in Africa make? We'll undertake a historical survey of African novels from the 1930s to the present, with attention to various subgenres (village novel, war novel, urbanization novel, novel of postcolonial disillusion, *Bildungsroman*). We'll attend to how African novelists blend literate and oral storytelling traditions, how they address their work to local and global audiences, and how they use scenes of characters reading novels (whether African or European) in order to position their writing within national, continental, and world literary space.

Spring 2020: MDES GU4122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4122	001/16807	M W 10:10am - 11:25am Room TBA	Jennifer Wenzel	4	14/25

MDES GU4144 Africa: Modernity and the Post Colonial Experience. 4 points.

This 4000 level seminar course is organized around weekly readings that represent substantial contributions to the debate about both 'modernity' and 'postcolonial experience' in Africa, from a range of interrelated disciplinary perspectives. In readings and discussions, we will keep the relationship between the two main discursive fields in view, and also (re-)consider the ongoing relevance of colonialism and colonial experiences in relation to them. Conceptual reflections on modernity and postcolonial experience(s) need to be based upon empirical research, and underpinned by regional socio-historical knowledge of the settings and scenarios discussed - there is no 'modernity' per se and no 'postcolonial experience' as such. We will involve comparative, historical and contemporary angles of discussion, and pursue

an interest in critical conceptualization in relation to social and political realities in Africa, and with a view to African thinkers.

MDES GU4160 Major Debates in the Study of Africa. 4 points.

This course will focus on key debates that have shaped the study of Africa in the post-colonial African academy.

We will cover six key debates: Historiography; Slavery: Premodern and Modern; State Formation; Colonialism and Difference; Nationalism; Political Identity and Political Violence

The approach will be multi-disciplinary. To the extent possible, readings will be illustrative of different sides in the debate.

Fall 2019: MDES GU4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4160	001/10651	Th 10:10am - 12:00pm 317 Hamilton Hall	Mahmood Mamdani	4	8/20

CLME GU4226 Arabic Autobiography: Global Dimensions. 4 points.

This course draws a map of Arab thought and culture in its multiple engagements with other cultures. It works globally along two lines: a theoretical one that accommodates conceptualizations of self-narrative in relation to shifting categories of center and margin; and a thematic one that selects a number of Arabic autobiographical texts with strong thematic concerns that cut across multiple cultures. Although Europe sounds at times more conspicuous in early 20th century autobiography, the Afro-Asian and Latin American topographical and historical itinerary and context are no less so, especially in writings we associate with societal and cultural transformations. More than historical accounts, these intellectual itineraries speak for the successes and failures of the secular ideology of the Arab nation-state. They convey the struggle of intellectuals-- as self-styled leaders, for an ideal state on the ruins of the past. The course studies a number of autobiographical works; memoirs and reminiscences that are meant to rationalize and reproduce a writer's experience. Probably self-censored, these serve nevertheless as trajectories for a secular journey rather than one from denial to affirmation. Staunchedly established in modernity and its nahdah paradigms, most of these writings are secular itineraries that rarely end in a search for faith. They are the journeys of a generation of Arab intellectuals who are facing many crises, but not the crisis of faith. They provide another look at the making of the Arab intelligentsia-- and probably the Afro-Asian and Latin American one, since the early 20th century, and help us discern not only achievements on the level of education and public service, but also the mounting discontent with failures that have been wrapping the formation of the nation state. No prior knowledge of Arabic language is required.

Spring 2020: CLME GU4226

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLME 001/14444 Th 2:10pm - 4:00pm Muhsin Al- 4 11/15
4226 207 Knox Hall Musawi

CLME GU4227 The Islamic Context of the Arabian Nights since the Establishment of Baghdad. 4 points.
Not offered during 2019-20 academic year.

This course questions the popular assumption that the tales of the *Thousand and One Nights* lack any Islamic content and that their fantastic or erotic dimensions are the only dynamic narrative components behind the vogue. This collection is read against a number of contemporaneous writings (in English translation), including al-Hamadan's *Manama*, to discuss issues that relate to market inspectorships, economy, social order, marginal groups like the mad, the use of public space including the *hammed*, and the position on fate, destiny, time, afterlife, sex and love. The course takes its starting point from classical Arabic narratives, poetry and epistolary art and follows up the growth of this repository as it conveys, reveals, or debates Islamic tenets and jurists' stand. The course aspires to provide students with a solid and wide range of information and knowledge on Islamic culture since the emergence of the Islamic center in Baghdad (b. 762). Students are expected to develop a critical method and insightful analysis in dealing with the text, its contemporaneous works from among the belletristic tradition and popular lore, its adaptations, and use and misuse in Arabic culture since the ninth century. No prior knowledge of Arabic language is required.

CLME GU4228 The Arab Street: Politics and Poetics of Transformation. 4 points.

This course responds to the sweeping winds of change in the Arab region, covering a great amount of archival and media material including documentaries, films, narratives, poetry and songs. It substantiates and synthesizes its analysis with a theoretical frame that makes use of Arab intellectual thought in translation, along with legacies of popular revolutions and liberation movements in the Arab region and in the three continents, along with readings of significance in the literature of World War I and II. The course initiates its discussion with experts' speculations on the difference between the deliberate 'creative chaos' as part of an imperial strategy, and popular revolutions that swept some autocratic and dictatorial regimes. To reach a better understanding of this difference, the course will explore the rites of passage through which these movements grow and authenticate their presence before finding the right medium or occasion to burst out in a volcanic fashion. The course explores: memory, the changing role of the elite, youth movements, people's leadership, the changing lexicon, conceptualization of nationhood, social media and solidarity, regional specifics and common concerns, and the rise of a new poetics as a confederation of semiotics, rhetoric and expressive devices. In their presentations and research students are encouraged to participate in archival material gathering, analysis of required texts and active participation in roundtable discussions.

CLME GU4231 Cold War Arab Culture. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies the effects and strategies of the cold war on Arab writing, education, arts and translation, and the counter movement in Arab culture to have its own identities. As the cold war functioned and still functions on a global scale, thematic and methodological comparisons are drawn with Latin America, India and Africa.

Spring 2020: CLME GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4231	001/14433	W 2:10pm - 4:00pm 207 Knox Hall	Muhsin Al- Musawi	4	24/20

MDES GU4232 Arabic Literary Heritage. 4 points.

Prerequisites: one semester of fourth-year Arabic, or demonstrate equivalent competence.

The sessions for this course cover a number of excerpts from texts that are systematically arranged to enable close reading and further discussion and analysis that lead to an active engagement with Arab literary [cultural] tradition. There are samples from pre-Islamic poetry, including that of the Renegades and the Ravens, the Maqamat, al-Jahiz's oeuvre [selections from a number of books and epistles], Abu Hayyan al-Tawhidi's writings, prose by ibn Wahb on use and misuse of language, epistles by prominent epistolographers, Hikayat Abi al-Qasim by al-Azdi, selections from al-Bayhaqi, and the *Thousand and One Nights*. There are excerpts from the middle and premodern period, along with specific selections of commentaries of pertinence to the rise or devaluation of genres, modes, and practices. We address cases in which language is the contested space. The theoretical framework takes language as the dynamic force and also the battlefield through our reading of the movement of the word from transparency [where no distance exists between signifiers and signified], representation, and discourse. Every epistemic shift has its ideological base which we need to detect. The underlying premise is that through close reading and discussion we can draw a genealogy of generic growth or decay in terms of historical, geographical, and religio-political dynamics. The class involves reading, discussion, and written assignments in both Arabic and English.

CLME GU4241 Sufism: Primary Texts and Contexts. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies Sufism as it has emerged, developed, and assumed its presence in Sufi autobiographies and religious and literary writings. The Sufi Path is traced in these writings that include poems like ibn al-Farid's Poem of the Way. Sufi States and Stations are analyzed to understand this Path that reaches its culmination in an ecstatic sense of Oneness. Sufism is also a social and political phenomenon that unsettles formal theologies and involves Sufis in controversies that often end with their imprisonment and death.

Fall 2019: CLME GU4241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4241	001/10148	W 2:10pm - 4:00pm 207 Knox Hall	Muhsin Al- Musawi	4	24/25

CLME G4248 Iraq: War, Love and Exile. 4 points.

This course explores three major thematic concerns that distinguish Iraqi narrative after 2003. War, love, and exile are at the center of Iraqi writers' narrative which has been winning the attention of very large audiences in Iraq, the Arab world, the US and Europe. These narratives demonstrate richness and dexterity and have been winning high acclaim as great writings of war, estrangements and love.

MDES G4253 Islamic Law: The Three Debates. 4 points.
Not offered during 2019-20 academic year.

Prerequisites: *ASCM V2003* or equivalent.

This seminar deals with three paradigmatic sets of questions in the history of Islamic law, each set representing and encompassing key themes pertaining to three important historical phases. Long-standing debates on the "origins" of the Shari'a will be explored, as will the constitution of the formative period, which is variably claimed to stretch from two to four centuries. Scholarship on this period will be examined as ideology. In the second set of questions, squarely situated in the post-formative period (ca. 11th – 17th c.) we examine the relationship between and among social custom, juridical practice and formal legal doctrine, discussing in outline the structural mechanisms the Shari'a has developed to accommodate legal change. Scholarship on this period and on what the features of this period came to represent in the overall constructed history of the Shari'a will also be examined as ideology. In the third set of questions, we analyze so-called legal reform and the role of state in converting the Shari'a to a modern institution that is qualitatively different from its pre-modern predecessor. Scholarship on the Shari'a in the modern period will also be examined as ideology. Finally, but not necessarily at the end of the course, we will pose questions about the nature of interpretation and language in the construction of a paradigmatic idea (and history) of the Shari'a.

CLME G4261 Popular Islam: Asia and Africa. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores common beliefs and practices that are held by Muslims across ethnicities and national borders. It looks at these not only from a Herder's perspective of a national-popular dynamic as a formative part in cultural capital, but also from a deep-rooted *Islamica* as an accumulated faith that got woven into local and indigenous cultures. Hence, it questions the whole idea of Islamic modernity, in its ethnic and national images, as a culmination of the encounter with Europe. It interrogates the premise as an elitist worldview that has overlooked the formation processes in the makeup of cultural and identitarian politics and poetics. Laying emphasis on the shared and common beliefs among the Muslim mass audience, it studies visitations, sites of intercession like shrines, amulets, encomiums to the Prophet, Sufi tales, *dhikr* recitations, dreams and their interpretation, divination, and many other common beliefs and practices that cut across modernity paradigms and binary structures. Through close analysis of these practices in texts, poetry, narrative, travelogue and memoirs, it argues that the bane of modernity is its subordination to a Western ideal that minimizes or even negates its engagement

with Islamic and Arabic-writing tradition. The nation state and through codification processes and as led by the intelligentsia forged a social program that usually invalidates common practices and rural culture. Only after 1967, the unsettling experience of total bankruptcy, that intellectuals question the dichotomies of science versus religion and the myth of progress versus tradition. The rise of Islamic movements since the Iranian Revolution began to pose questions with respect to modernity and the viable means of economic and social welfare. New writings, forms and modes of expression take to the street where they find substance and faith that has been ignored for long under cultural dependency. Under the increasing role of social media and cyberspace, non-traditional forums, modes of expression and mediums gradually take over the right to speak for religion and disseminate its own languages that ironically converse with pre-modern venues and means of dialogue. These works receive due attention in relation to theoretical studies that may help increase readers' critical insight. **No prior knowledge of Arabic language is required.**

CLME GU4262 Themes in the Arabic Novel. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The focus of this seminar will be novels by Arab writers. The course will explore the history of the Arabic novel: its rise, development, and evolution. We will read and analyze novels belonging to various periods in Arab history and representing diverse points of views, including gender, identities, and different sub-cultures and sub-genres. We will look into the connections therein between the novel and the historical backdrops of colonialism, decolonization, globalization, war, rights and personal independence from several perspectives and writers across the Arab world. We will also consider the modern Arabic novel's engagement with the global, glocal, and local as well as its nod to the Arabic literary tradition; its engagement with technology, scientific progress, absurdity, loss, trauma, the human condition, as well as dystopic themes. No knowledge of Arabic is required.

Fall 2019: CLME GU4262

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4262	001/41112	W 2:10pm - 4:00pm 208 Knox Hall	Sarah bin Tyer	4	13/25

MDES G4347 Origins of Armenian Art: Creating an Identity. 4 points.

Working with objects in the collections of the Metropolitan Museum of Art in the Medieval Department's offices, the course will be an interdisciplinary exploration of the creation of a sense of self-identity for the Armenian people through visual media and material culture. Coins, manuscript illuminations, stone carvings, ceramics, textiles and other media will be studied to determine the means by which the Armenian people at the level of elite and popular culture identified themselves and positioned themselves in relation to neighboring, or dominating, cultures. Relevant works from other cultures in the Museum's encyclopedic collections will be used for comparative study. Students will do a paper on an Armenian work selected from the Museum's collection and present an aspect of their research in class. Hands on experience

with the Museum's works of art will allow consideration of means of manufacture as well as style and iconography.

MDES GU4349 Concentration Camps from Cuba to East Asia. 3 points.

Forcibly moving civilians to designated areas as a wartime measure has constituted a widely practiced military strategy for centuries. In the late 19th and early 20th centuries, colonial powers increasingly provided more structure and organization to these policies of relocation and internment in the Americas, Africa, and East Asia. This course provides a social history of civilian internment and mass murder from late-19th century colonial cases to World War II.

Through case studies of the Spanish-Cuban war, the South African War, the Philippines-American War, the genocide of the Herrero and Nama in Southwest Africa, the Armenian Genocide, and the Holocaust, the course traces the evolution of the concentration camp from a counter-insurgency strategy in wartime to a weapon of mass murder. The course also examines the internment of Japanese Americans, and the Japanese "comfort stations" in comparative perspective.

Fall 2019: MDES GU4349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4349	001/41132	T Th 1:10pm - 2:25pm C01 Knox Hall	Khatchig Mouradian	3	20/20

MDES GU4358 Apologies and Non-Apologies. 4 points.

Why do we apologize? What are the elements of an effective apology? When is an apology not an apology? Can resentment and *unforgiveness* be a virtue? We will tackle these questions by delving into research in the fields of history, sociology, linguistics, philosophy, political science, and clinical and social psychology. Students will analyze texts, audio, and video of apologies offered by governments, political leaders, and other public figures, ascertaining their weaknesses and strengths, and their reception by various parties. Students will also analyze apologies and their manifestation in the media, public discourse, and literary works (memoirs, poetry, novels, and parables). After tackling interpersonal and collective apologies (and non-apologies), the course delves into literature that responds to these apologies, tackling issues of forgiveness, *unforgiveness*, and (re)conciliation.

Fall 2019: MDES GU4358

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4358	001/10610	T Th 6:10pm - 7:25pm 412 Pupin Laboratories	Khatchig Mouradian	4	9/20

MDES GU4601 Politics in India. 4 points.

This course will combine study of long-term historical sociology with more short term understanding of policies and their possible effects. Though its main purpose will be to provide students with an understanding of politics after independence, it will argue, methodologically, that this understanding should be based on a

study of historical sociology – plotting long-terms shifts in the structure of social power. The course will start with analyses of the structures of power and ideas about political legitimacy in pre-modern India, and the transformations brought by colonialism into that order. After a brief study of the nature of political order under the colonial state, the courses will focus primarily on the history of the democratic state after independence.

Spring 2020: MDES GU4601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4601	001/17321	W 12:10pm - 2:00pm Room TBA	Sudipta Kaviraj	4	13/25

CLME GU4621 Court Cultures of India. 4 points.

This course approaches the phenomenon of princely India from a range of perspectives. Students learn about the political and cultural practices of specific courts that played a major role in Indian history such as the Guptas, Vijayanagarm and the Mughals, while also being exposed to aspects of Indian courtly life more generally. Topics include, among others, literature, art, architecture, intellectual practices, music and the science of erotics (*Kamasutra*). While the emphasis is on Indian court culture as seen from within India, cross cultural perspectives are also introduced. For instance, why were Sanskrit literature and Indian architecture emulated far afield in Southeast Asia in the first millenium? And how was Indian court culture perceived by Europeans in the early modern and colonial periods? The course concludes with some reflections on the legacy of Mughals and maharajas in postcolonial India.

MDES GU4630 Histories of Translation in Premodern India. 4 points.

This course will provide a survey of the historical practices of textual translation in India as well as some of the ways in which translation has been used to open up analysis of a broad set of cultural practices. Discussion topics will range from methods of translation to conceptual commensurability, translatability, patronage and vernacularization, as the class rigorously examines how to approach the following questions: What was translation in India? What were the ways in which it was theorized? What was the relationship between translation and political power? How does a history of translation challenge nationalist narratives of culture, if at all?

MDES GU4652 Mughal India. 4 points.

The Mughal period was one of the most dynamic eras in world history, when India was the meeting place of many cultures. Of Timurid ancestry, the earliest Mughal rulers drew upon the heritage of Central Asia in their ruling styles and cultural practices, but they would soon adapt to the complexities of their Indian milieu, which had longstanding traditions that were a blend of Sanskrit and Persian, Hindu and Muslim idioms. European culture, whether filtered through Jesuit sermons, itinerant merchants, or Flemish engravings, was also making inroads into India during this period. This course is a broad cultural history of Mughal India as seen from a range of perspectives and sources. We consider the Mughals' major

achievements in visual culture as manifested in painting and architecture, as well as exploring diverse topics in religion, literature, politics, and historiography. Yet another approach is to listen to the voices of the Mughal rulers as recorded in their memoirs, as well as investigating the signal contributions of the dynasty's women.

MDES GU4653 A History of Modern Pakistan. 4 points.

This course is designed for undergraduate students to be a survey course of modern Pakistani history from 1947 to the present. The course will examine the six "eras" that help define Pakistan's history, and will highlight political, economic and institutional developments. The completion of this course should prepare students for further and more advanced work on South Asia.

Fall 2019: MDES GU4653

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4653	001/10497	M W 8:40am - 9:55am 522c Kent Hall	S. Akbar Zaidi	4	9/20

MDES GU4654 Gender, Power and Culture in Early Modern India. 4 points.

Explores gender, culture, power in India, c. 1500-1800 by reading theoretical works on gender and sexuality, historical scholarship relevant to early modern India, and a variety of primary sources. Topics include morality, mysticism, devotion, desire, kingship, heroism, homosocial relations, and homoerotic practices. The focus is largely on Persianate contexts, in conversation with broader South Asian and Islamic studies. This discussion seminar is designed for graduate and advanced undergraduate students, with some previous background in South Asian, Islamic, or gender studies.

Spring 2020: MDES GU4654

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4654	001/16362	Th 12:10pm - 2:00pm Room TBA	Mana Kia	4	10/20

CLME G4760 Shi'ites and Shi'ism. 4 points.

Not offered during 2019-20 academic year.

ARABIC LANGUAGE COURSES

MDES UN1208 Arabic For Heritage Speakers I. 5 points.

Intended for heritage speakers only.

As of academic year 2016-17, this course is now MDES 2208. This is an intensive course that combines the curriculum of both First and Second Year Arabic in two semesters instead of four, and focuses on the productive skills (speaking and writing) in Modern Standard Arabic (Fusha). Students are exposed intensively to grammar and vocabulary of a high register. After successful completion of this course, students will be able to move on to Third Year Arabic. No P/D/F or R credit is allowed for this class.

MDES UN1210 First Year Arabic I. 5 points.

Fee: Materials Fee - 10.00

An introduction to the language of classical and modern Arabic literature. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/41135	M T W Th 8:50am - 9:55am 318 River Side Church	Jacqueline Habra	5	10/12
MDES 1210	002/41136	M T W Th 10:10am - 11:15am 318 River Side Church	Jacqueline Habra	5	12/12
MDES 1210	003/41137	M T W Th 11:40am - 12:45pm 101 Knox Hall	Rym Bettaieb	5	6/12
MDES 1210	004/41138	M T W Th 2:40pm - 3:45pm 116 Knox Hall	Abdelrazzaq Ben Tarif	5	9/12

Spring 2020: MDES UN1210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/16021	M T W Th 10:10am - 11:15am Room TBA	Jacqueline Habra	5	10/12
MDES 1210	002/16023	M T W Th 11:40am - 12:45pm Room TBA	Reem Faraj	5	12/12

MDES UN1211 First Year Arabic II. 5 points.

Fee: Materials Fee - 10.00

Prerequisites: First Year Arabic I or instructor permission. An introduction to the language of classical and modern Arabic literature. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/41162	M T W Th 11:40am - 12:45pm 318 River Side Church	Reem Faraj	5	5/12

Spring 2020: MDES UN1211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/16018	M T W Th 8:50am - 9:55am Room TBA	Jacqueline Habra	5	12/12
MDES 1211	002/16024	M T W Th 11:40am - 12:45pm Room TBA	Rym Bettaieb	5	8/12
MDES 1211	003/16342	M T W Th 2:40pm - 3:45pm Room TBA	Abdelrazzaq Ben Tarif	5	10/12

MDES GU4210 Third Year Arabic I. 5 points.

NOTE: There are 2 sections of Third Year Arabic I. Section 001 follows the standard curriculum building all 4 language skills, as described below. Section 002 follows a reading-intensive curriculum, with less emphasis on listening and writing while still conducted in Arabic, and is intended for those preparing for

advanced research in modern or classical Arabic texts. Students in the regular third-year Arabic track improve reading, writing, speaking, and listening skills through close reading, compositions, class discussions, and presentations in Arabic on topics such as cultures of the Arab world, classical and modern Arabic literature, and contemporary Arabic media. Review of grammatical and syntactic rules as needed. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4210	001/41130	M T W Th 10:10am - 11:15am 101 Knox Hall	Rym Bettaieb	5	5/12

MDES GU4211 Third Year Arabic II. 5 points.

Students in the regular third-year Arabic track improve reading, writing, speaking, and listening skills through close reading, compositions, class discussions, and presentations in Arabic on topics such as cultures of the Arab world, classical and modern Arabic literature, and contemporary Arabic media. Review of grammatical and syntactic rules as needed. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES GU4211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4211	001/16020	M T W Th 10:10am - 11:15am Room TBA	Rym Bettaieb	5	4/12

MDES GU4214 Fourth Year Classical Arabic I. 4 points.

Prerequisites: Students should have completed Third Year Arabic. Through reading excerpts from thirteen essential works, starting with Jabarti's history of the French Campaign in Egypt to a chapter from al-Qur'an, students will be able to increase their fluency and accuracy in Arabic while working on reading text and being exposed to the main themes in Classical Arabic literature, acquire a sense of literary style over a period of fourteen centuries as well as literary analytical terminology and concepts. The texts are selections from essential works that the students will read in detail, write critical pieces, engage in discussion and have assignments which will expand their vocabulary, manipulation of advanced grammar concepts, and employing stylistic devices in their writing. This course will enable students to start doing research in classical Arabic sources and complements MESAAS's graduate seminar Readings in Classical Arabic. The course works with all four skills (listening, speaking, reading and writing). Arabic is the language of instruction. No P/D/F or R credit is allowed for this class.

MDES GU4216 Advanced Arabic Grammar Review. 4 points.

Through reading and writing, students will review Arabic Grammar concepts within the context of linguistic functions such as narration, description, comparison, etc. For example, within the function of narration, students will focus on verb tenses, word order, and adverbials. Based on error analysis in the past twelve years that the Arabic Program has been using *Al-Kitaab*, emphasis will be placed on common and frequent grammatical errors.

Within these linguistic functions and based on error analysis, the course will review the following main concepts: Types of sentence and sentence/clause structure. The Verb system, pattern meanings and verb complementation. Quadrilateral verb patterns and derivations. Weak Verbs derivations, conjugation, tense frames and negation. Case endings. Types of noun and participle: Noun of time, place, instance, stance, instrument, active and passive participles. Types of construct phrase: *al-iDafa*. Types of Adverbials and verb complements: *Hal*, *Tamyiz*, *Maf'ul mutlaq*, *Maf'ul li'ajlihi*, *adverbs of time, frequency, place and manner*. The number system and countable nouns. Types of *maa*. Diptotes, *al-mamnu'* *min-aSSarf*. No P/D/F or R credit is allowed for this class.

ARMENIAN LANGUAGE COURSES

MDES UN1301 Elementary Armenian I. 4 points.

In Elementary Armenian I, students learn the Armenian script and the basic grammar that will enable them to communicate about topics relating to themselves and their immediate surroundings: family, school, daily occupations, describing people, expressing likes and dislikes, requesting and giving information about themselves and others, proper forms of greetings, etc. They also begin to read signs, advertisements, and develop the skills to read texts like short stories and Armenian fables. No P/D/F or R credit is allowed for this class.

MDES UN1309 Intensive Armenian for Heritage Speakers. 4 points.

Intensive Armenian for Heritage Speakers is an accelerated course for students of Armenian origin who already have basic knowledge of the spoken language and are able to converse on familiar topics relating to themselves and their immediate surroundings. The course will focus on developing their skills in reading, writing, and speaking and Armenian grammar and vocabulary. By the end of the course, students will be able to read, write and discuss simple texts. Placement will be based on an interview and questionnaire about their background. No P/D/F or R credit is allowed for this class. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN1309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1309	001/16360	M W 2:10pm - 4:00pm 311 Knox Hall	Charry Karamanoukian	4	0/12

MDES UN2301 Intermediate Armenian I. 4 points.

Fee: Language Resource Center Fee - 15.00

Prerequisites: MDES UN1301 and MDES UN1302 or the equivalent.

A continuation of the study of reading, writing and speaking of Armenian. In Intermediate Armenian I, students learn to communicate about a wide range of topics. Such topics include biographical narration, cooking and recipes, health and well-being, holidays and celebrations, travel and geography, etc. At this level, students continue to develop their skills in reading, writing, speaking, and listening while perfecting the grammatical concepts

to which they were introduced in the first year. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2301	001/41058	T Th 8:10am - 10:00am 311 Knox Hall	Charry Karamanoukian	4	3/12

MDES GU4314 Readings in Armenian Texts. 3 points.

Prerequisites: (MDES UN2301) and MDES UN2302) *MDES UN2301* and *MDES UN2302*, Intermediate Armenian or equivalent.

Readings in Armenian Texts is the highest-level language course offered by the Armenian Language Program at MEALAC. It is designed for students who have a good foundation of the language or have attained the equivalent of Intermediate level Armenian and wish to perfect their knowledge of grammar while developing their skills in independent reading. The content of the course will change each term. Students will be introduced to a variety of fiction and non-fiction texts in Armenian. Texts will consist of full length short stories and newspaper articles as well as excerpts from lengthier works, all in modern Western Armenian. The emphasis will be on analyzing context, syntax and grammatical structures as clues towards comprehension. In addition to grammar and vocabulary analysis, students will produce translations, brief summaries and commentaries on the texts they read, both orally and in written form. No P/D/F or R credit is allowed for this class.

HEBREW LANGUAGE COURSES

MDES UN1501 First Year Modern Hebrew: Elementary I. 5 points.

This is an introductory course for which no prior knowledge is required. Equal emphasis is given to listening, speaking, reading, writing and grammar. Daily homework includes grammar exercises, short answers, reading, or paragraph writing. Frequent vocabulary and grammar quizzes. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1501	001/41179	M T W Th 10:10am - 11:15am 316 River Side Church	Illan Gonen	5	13/15
MDES 1501	002/41180	M T W Th 11:40am - 12:45pm 316 River Side Church	Illan Gonen	5	14/15

MDES UN2501 Second Year Modern Hebrew: Intermediate I. 5 points.

Prerequisites: 1st Year Modern Hebrew II or the equivalent and instructor's permission.

Equal emphasis is given to listening, speaking, reading and writing. Regular categories of the Hebrew verb, prepositions, and basic syntax are taught systematically. Vocabulary building. Daily

homework includes grammar exercises, short answers, reading, or short compositions. Frequent vocabulary and grammar quizzes. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2501	001/41189	M T W Th 11:40am - 12:45pm 522c Kent Hall	Danielle Katz-Shenhar	5	5/12
MDES 2501	002/41190	M T W Th 1:10pm - 2:15pm 316 River Side Church	Illan Gonen	5	10/10

MDES UN2517 Hebrew for Heritage Speakers I. 4 points.

Fee: Language Resource Center Fee - 15.00

Prerequisites: Permission of instructor.

Hebrew for Heritage Speakers I forms part of a year-long sequence with Hebrew for Heritage Speakers II. The course is intended for those who have developed basic speaking and listening skills through exposure to Hebrew at home or in day-school programs but do not use Hebrew as their dominant language and have not reached the level required for exemption from the Columbia language requirement. Heritage speakers differ in the degree of their fluency, but their vocabulary is often limited to topics in daily life and many lack skills in reading and writing to match their ability to converse. The course focuses on grammar and vocabulary enrichment, exposing students to a variety of cultural and social topics in daily life and beyond. By the end of the semester students are able to read and discuss simple texts and write about a variety of topics. Successful completion of the year-long sequence prepares students to enroll in third-year modern Hebrew. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2517	001/41059	M W Th 10:10am - 11:25am 522c Kent Hall	Danielle Katz-Shenhar	4	9/15

MDES GU4501 Readings in Hebrew Texts I. 4 points.

Prerequisites: (MDES GU4510) and (MDES GU4511) 3RD Year Modern Hebrew or the instructor's permission.

This course focuses on central identities shaping Israeli society and is designed to give students extensive experience in reading Hebrew. Through selected readings of contemporary literary works and media texts, students will increase their proficiency in Hebrew and enhance their understanding of Israeli culture and society. All *readings, written assignments, and class discussions are in Hebrew.* No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4501	001/41165	M W 12:10pm - 2:00pm C01 Knox Hall	Naama Harel	4	15/15

MDES GU4510 Third Year Modern Hebrew I. 4 points.

Prerequisites: 2nd Year Modern Hebrew II, Hebrew for Heritage Speakers II, or the instructor's permission.

This course is designed to take students from the intermediate to advanced level. Students will further develop their reading, writing, speaking, and listening skills in Hebrew through an examination of a wide range of sources, including short stories, poems, visual arts, popular music, television shows and films. All readings, written assignments, and class discussions are in Hebrew. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4510	001/41166	M W 10:10am - 12:00pm 104 Knox Hall	Naama Harel	4	12/12

PERSIAN LANGUAGE COURSES**MDES UN1701 Elementary Persian I. 4 points.**

An introduction to the spoken and written language of contemporary Iran. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1701	001/41115	M T W Th 9:10am - 10:00am 103 Knox Hall	Michelle Quay	4	9/15
MDES 1701	002/41116	M T W Th 10:10am - 11:00am 103 Knox Hall	Michelle Quay	4	9/15

MDES UN2701 Intermediate Persian I. 4 points.

Prerequisites: *MDES W1710-W1711* or the equivalent.

A general review of the essentials of grammar; practice in spoken and written Persian; Arabic elements in Persian; selected readings emphasizing Iranian life and culture; materials from Tajikistan and Afghanistan, Indari. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2701	001/41126	M W 10:10am - 12:00pm 114 Knox Hall	Saeed Honarmand	4	5/15
MDES 2701	002/14781	T Th 12:10pm - 2:00pm 103 Knox Hall	Michelle Quay	4	6/15

MDES GU4710 Advanced Persian I. 3 points.

While helping students advance their levels of oral and written expression, this course focuses on literature of the modern and medieval periods, with particular emphasis on the development of the modern novella and traditional and new forms of poetry. In addition to literature, students are introduced to a wide variety of genres from political and cultural essays and blogs to newspaper translations of the early 20th century. They will be further exposed to ta'rof in reference to a wide variety of socio-cultural contexts and be expected to use ta'rof in class conversations. Students will be exposed to popular artists and their works and satirical websites

for insight into contemporary Iranian culture and politics. No P/D/F or R credit is allowed for this class. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4710	001/41170	M W 12:10pm - 2:00pm 114 Knox Hall	Saeed Honarmand	3	6/10

MDES GU4712 Reading and Grammar Review in Persian. 4 points.

Prerequisites: Three years of prior coursework in Persian, one year of Persian for Heritage Speakers, or the instructor's permission. This course is intended to serve as advanced grammar for modern and classical Persian poetry and literature above the Advanced courses. It will provide an overview of the fundamentals of Persian grammar, as required for the reading of Persian texts in the sciences, social sciences, and humanities. It includes extensive reading of classical and modern Persian prose and poetry, with practice in grammar and composition at a high level. Through reading and writing, students will review Persian Grammar concepts. Emphasis will be placed on the Verb system, idiomatic verbs, and expressions in colloquial and formal Persian. As an introduction to the fundamental structures, this course also involves grammatical foundations, reading and translating for research purposes. The materials are selected from the number of sources: *A Grammar of Contemporary Persian* by Gilbert Lazard and *General Persian: Fundamental Structures* by Ahmad Saffar Moqadam; and reading assignments that will be given throughout the course.

Fall 2019: MDES GU4712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4712	001/16207	M W 2:10pm - 4:00pm 103 Knox Hall	Saeed Honarmand	4	3/20

TURKISH LANGUAGE COURSES**MDES UN2901 Intermediate Modern Turkish I. 4 points.**

A continuation of the study of the written and spoken language of Turkey, with readings of literary, historical, and other texts. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2901	001/41128	M T W 10:10am - 11:25am 320 River Side Church	Ihsan Colak	4	9/15

MDES UN2902 Intermediate Modern Turkish II. 4 points.

A continuation of the study of the written and spoken language of Turkey, with readings of literary, historical, and other texts. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN2902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2902	001/16110	M T W Th 10:10am - 11:00am Room TBA	Ihsan Colak	4	7/15

MDES GU4910 Advanced Turkish I. 3 points.

Advanced Turkish I is designed to use authentic Turkish materials around projects that are chosen by the student in a research seminar format where students conduct their own research and share it in class in a friendly atmosphere. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4910	001/41141	T Th 11:40am - 12:55pm 112 Knox Hall	Zuleyha Colak	3	5/10

MDES GU4921 Elementary Ottoman Turkish I. 3 points.

Prerequisites: two years of modern Turkish.

Elementary Ottoman Turkish aims to focus on reading selected authentic print materials that are enjoyable and interesting, such as authentic detective novels, historical documents, and literary materials. The class materials are designed according to the interests of students in a fast-paced learning environment. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4921	001/41142	M W 11:40am - 12:55pm 320 River Side Church	Ihsan Colak	3	10/15

MDES GU4926 Intermediate Ottoman Turkish I. 3 points.

Prerequisites: Elementary Ottoman Turkish.

Intermediate Ottoman deals with authentic Ottoman texts from the early 18th and 19th centuries. The class uses Turkish as the primary language for instruction, and students are expected to translate assigned texts into Turkish or English. A reading packet will include various authentic archival materials in rika, talik and divani styles. Whenever possible, students will be given texts that are related to their areas of interest. Various writing styles will be dealt with on Ottoman literature, history, and archival documents. No P/D/F or R credit is allowed for this class.

HINDI-URDU LANGUAGE COURSES**MDES UN1601 Elementary Hindi-Urdu I. 5 points.**

An introduction to the most widely spoken language of South Asia. Along with an understanding of the grammar, the course offers practice in listening and speaking. The Hindi (Devanagari) script is used for reading and writing. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 1601	001/41181	M T W Th 1:10pm - 2:15pm 320 River Side Church	Jishnu Shankar	5	4/15
MDES 1601	002/41182	M T W Th 4:10pm - 5:15pm 313 Hamilton Hall	Aftab Ahmad	5	12/15

MDES UN1608 Hindi for Heritage Speakers I. 5 points.

This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking and listening skills in Hindi. They may not have sufficient skills in reading and writing but are able to converse on familiar topics such as: self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Hindi and vocabulary enrichment by exposing students to a variety of cultural and social topics related to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1608

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1608	001/41184	M T W Th 2:40pm - 3:45pm 101 Knox Hall	Rakesh Ranjan	5	12/15

MDES UN1614 Urdu for Heritage Speakers I. 5 points.

Prerequisites: a knowledge of basic vocabulary and limited speaking and listening skills in Urdu.

This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking and listening skills in Urdu. They are not expected to know how to read and write in Urdu but are able to converse on familiar topics such as self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Urdu and vocabulary enrichment by exposing students to a variety of cultural and social topics related to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple Urdu texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN1614

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1614	001/41114	M T W Th 2:40pm - 3:45pm 316 Hamilton Hall	Aftab Ahmad	5	10/15

MDES UN1615 Urdu for Heritage Speakers II. 5 points.

This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking and listening skills in Urdu. They are not expected to know how to read and write in Urdu but are able to converse on familiar topics such as self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Urdu and vocabulary enrichment by exposing students to a variety of cultural and social topics related

to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple Urdu texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN1615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1615	001/16349	M T W Th 2:40pm - 3:45pm Room TBA	Aftab Ahmad	5	6/15

MDES UN2601 Intermediate Hindi-Urdu I. 5 points.

Prerequisites: (MDES UN1601) and (MDES UN1602) *MDES UN1601-UN1602* or the instructor's permission.

Continuing practice in listening, speaking, and grammatical understanding. Along with the Hindi (Devanagari) script, the Urdu (Perso-Arabic) script is taught in the class; both scripts are used for reading and writing. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2601	001/41125	M T W Th 4:10pm - 5:15pm 522a Kent Hall	Rakesh Ranjan	5	6/15

MDES UN2602 Intermediate Hindi-Urdu II. 5 points.

Prerequisites: *MDES W1610-W1611* or the instructor's permission.

Continuing practice in listening, speaking, and grammatical understanding. Along with the Hindi (Devanagari) script, the Urdu (Perso-Arabic) script is taught in the class; both scripts are used for reading and writing. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN2602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2602	001/16353	M T W Th 4:10pm - 5:15pm Room TBA	Rakesh Ranjan	5	6/15

MDES W4610 Readings In Hindi Literature I. 4 points.

May be repeated for credit; content varies.

Prerequisites: *MDES W1613* or the instructor's permission. The course introduces students to the riches of the classical Hindi tradition. We read bhakti and Sufi literature in tandem, with a special interest in Tulsidas and the Indo-Islamic romance. No P/D/F or R credit is allowed for this class.

MDES GU4611 Readings In Hindi Literature II. 4 points.

May be repeated for credit; content varies.

Prerequisites: *MDES UN2602* or the instructor's permission. This course introduces students to the riches of the classical Hindi Tradition. We read Bhakti and Sufi Literature in tandem, with a special interest in Tulsidas and the Indo-Islamic Romance.

Eligibility: The class is open to undergraduate and graduate students with two or more years of Hindi- Urdu (or permission of the instructor).

MDES GU4624 Advanced Hindi I. 5 points.

Advanced Hindi I and II are third year courses in the Hindi-Urdu program that aim to continue building upon the existing four language skills (speaking, listening, reading and writing) along with grammar and vocabulary in a communicative approach. The objective of these courses is to strengthen students' language skills and to go beyond them to understand and describe situations and the speech community, understand and discuss Hindi literature and films, news items, T.V. shows and current events. Students will also be given opportunities to work on their areas of interest such as popular culture, professional and research goals in the target language. Students will be expected to expand their vocabulary, enhance grammatical accuracy and develop cultural appropriateness through an enthusiastic participation in classroom activities and immersing themselves in the speech community outside. This course will be taught in the target language. All kinds of conversations such as daily life, on social/public interests' topics as well as on academic interests, will occur in the target language. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4624

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4624	001/41168	T Th 10:10am - 12:00pm 114 Knox Hall	Jishnu Shankar	5	5/15

MDES GU4625 Advanced Hindi II. 5 points.

Advanced Hindi I and II are third year courses in the Hindi-Urdu program that aim to continue building upon the existing four language skills (speaking, listening, reading and writing) along with grammar and vocabulary in a communicative approach. The objective of these courses is to strengthen students' language skills and to go beyond them to understand and describe situations and the speech community, understand and discuss Hindi literature and films, news items, T.V. shows and current events. Students will also be given opportunities to work on their areas of interest such as popular culture, professional and research goals in the target language. Students will be expected to expand their vocabulary, enhance grammatical accuracy and develop cultural appropriateness through an enthusiastic participation in classroom activities and immersing themselves in the speech community outside. This course will be taught in the target language. All kinds of conversations such as daily life, on social/public interests' topics as well as on academic interests, will occur in the target language. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES GU4625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4625	001/16235	T Th 10:10am - 12:00pm Room TBA	Jishnu Shankar	5	3/15

MDES GU4635 Readings In Urdu Literature I. 4 points.

Prerequisites: two years of prior coursework in Hindi-Urdu (*MDES UN1612 & MDES UN1613*), one year of Urdu for Heritage Speakers (*MDES UN1614 & MDES UN1615*), or the instructor's permission.

This course is a literary course, with in-depth exposure to some of the finest works of classical and modern Urdu prose and poetry. In the fall semester, our focus will be on some of the most famous Urdu short stories while, in the spring semester, we will focus on various genres of Urdu poetry. The content may change each semester. This course is open to both undergraduates and graduates. No P/D/F or R credit is allowed for this class.

MDES GU4636 Readings In Urdu Literature II. 4 points.

Prerequisites: two years of prior coursework in Hindi-Urdu (*MDES W1612 & MDES W1613*), one year of Urdu for Heritage Speakers (*MDES W1614 & MDES W1615*), or the instructor's permission.

This course is a literary course, with in-depth exposure to some of the finest works of classical and modern Urdu prose and poetry. In the fall semester, our focus will be on some of the most famous Urdu short stories while, in the spring semester, we will focus on various genres of Urdu poetry. The content may change each semester. This course is open to both undergraduates and graduates. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES GU4636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4636	001/16356	T Th 6:10pm - 8:00pm Room TBA	Aftab Ahmad	4	6/15

MDES GU4640 Advanced Urdu. 4 points.

Prerequisites: Two years of prior study in Urdu or one year of Urdu for Heritage Speakers I&II courses at Columbia University, or approval of the professor.

This is a one-semester course in advanced Urdu language. It will be taught in the fall semester. The goal of the course is to develop students' linguistic skills i.e. listening, speaking, reading, writing and cultural skills in Urdu, and give students in-depth exposure to some of the finest works of classical and modern Urdu prose. Special emphasis will be given to developing a high-register vocabulary. Necessary grammar points will also be explained for developing an accurate and nuanced understanding of the Urdu language. After completing this course, students will be able to read and enjoy Urdu classics and critical academic texts related to various disciplines i.e. old tales, short stories, essays, history, satire, criticism, politics, current issues etc. along with effective speaking skills suited to active interaction in the speech community and a more advanced academic discussion for undergraduate and graduate students. Students will develop an in-depth understanding of South Asian society and culture as well. This course will prepare students to take MDES GU4635 Readings in Urdu Literature I.

Fall 2019: MDES GU4640

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 4640	001/10179	T Th 6:10pm - 8:00pm 522c Kent Hall	Aftab Ahmad	4	3/15
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SANSKRIT LANGUAGE COURSES**MDES UN1401 Elementary Sanskrit I. 4 points.**

This course constitutes the first half of a year-long introduction to Classical Sanskrit, the translocal language of religious, intellectual, and literary life in South Asia for nearly two millennia. Assuming no prior experience with the language, this introductory sequence provides students with the grammar, reading strategies, and cultural context necessary to begin accessing the language's many rich textual traditions, including scripture (śruti), epic (itihāsa), poetry (kāvyā), drama (nāṭaka), systematic thought (śāstra), and more.

Fall 2019: MDES UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1401	001/41178	M T W Th 9:10am - 10:00am 101 Knox Hall	Tyler Richard	4	6/20

MDES UN2401 Intermediate Sanskrit I. 4 points.

Fee: Language Resource Center Fee - 15.00

Prerequisites: Elementary Sanskrit II or instructor permission.

This course constitutes the first half of a year-long reading course designed to give students the tools necessary for advanced study in Classical Sanskrit. Readings in epic (itihāsa), poetry (kāvyā), systematic thought (śāstra), and commentary (vyākhyāna) will introduce students to a variety of important genres and their distinctive conventions. A focus upon the Sanskrit tradition's own categories of analysis—grammatical, commentarial, and prosodic—will enable students to begin to make sense of original Sanskrit texts as generations of the tradition's own readers have. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2401	001/41124	T Th 10:10am - 12:00pm 418 Knox Hall	Tyler Richard	4	4/15

MDES GU4810 Advanced Sanskrit I. 4 points.

Prerequisites: Two years of Sanskrit or the instructor's permission. Prerequisites: Two years of Sanskrit or the instructor's permission. The two levels of advanced Sanskrit, which introduce students to philosophy or literature, are given in alternate years. In 2018-2019 philosophical texts will be treated. Close reading of major works, exploring both philological and philosophical issues. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4810	001/41207	M W 10:10am - 12:00pm 418 Knox Hall	Shiv Subramaniam	4	3/15

MDES GU4812 Advanced Sanskrit II. 4 points.

Prerequisites: Two years of Sanskrit or the instructor's permission.
 Prerequisites: Two years of Sanskrit or the instructor's permission.
 The two levels of advanced Sanskrit are given in alternate years.
 In 2017-2018 court literature (fall) and literary criticism (spring) will be offered; in 2018-2019, philosophy. Close reading of major works, exploring both philological and literary-theoretical aspects of the texts. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES GU4812

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4812	001/16746	M W 10:10am - 12:00pm 418 Knox Hall	Shiv Subramaniam	4	2/15

TAMIL LANGUAGE COURSES**MDES UN1101 Elementary Tamil I. 4 points.**

This course constitutes the first half of a year-long introduction to Tamil, the official language of the Indian state of Tamil Nadu as well as an official language of Sri Lanka and Singapore. In addition to being spoken by almost 80 million people worldwide, Tamil also has an impressive classical past, having served as a language of religious, intellectual, and literary life in South India for nearly two millennia. Assuming no prior experience with the language, this introductory sequence provides students with the grammar, language skills, and cultural context necessary for achieving their individual Tamil language goals, whether they be conducting fieldwork or scholarly research, chatting with relatives back home, or simply waxing poetic over an artful *dosai*. In order to cultivate students' reading, writing, speaking, and listening comprehension skills, this course draws upon a wide variety of teaching materials, including the core textbook, oral drills, audio recordings, short films, music videos, memes, and more. No P/D/F or R credit is allowed for this class.

MDES UN1102 Elementary Tamil II. 4 points.

Introduces students to the basic grammatical and syntactical skills required to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in that region of the world. Introduces students to the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

MDES UN2101 Intermediate Tamil I. 4 points.

Prerequisites: *MDES W1101-W1102* or the instructor's permission.
 Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

Fall 2019: MDES UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 2101	001/10633	M W 2:10pm - 4:00pm 418 Knox Hall	Tyler Richard	4	6/20
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MDES UN2102 Intermediate Tamil II. 4 points.

Prerequisites: *MDES W1101-W1102* or the instructor's permission.
 Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

Spring 2020: MDES UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2102	001/19903	M T W Th 2:10pm - 4:00pm Room TBA	Tyler Richard	4	0/15

MDES UN3301 Advanced Tamil I. 3 points.

Prerequisites: *MDES W1201-W1202* or the instructor's permission.
 This course aims at students improving further their language proficiency. It aims at students getting introduced to the long and continuous literary history of Tamil by reading non-contemporary Tamil writings, sometimes the ancient Tamil literary works.

MDES UN3302 Advanced Tamil II. 3 points.

Prerequisites: Advanced Tamil I or instructor permission.
 This course aims at students improving further their language proficiency. It aims at students getting introduced to the long and continuous literary history of Tamil by reading non-contemporary Tamil writings, sometimes the ancient Tamil literary works.

**PULAAH LANGUAGE COURSES
SWAHILI LANGUAGE COURSES****SWHL UN1101 Elementary Swahili I. 4 points.**

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa. No P/D/F or R credit is allowed for this class.

Fall 2019: SWHL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1101	001/41145	M T W Th 9:10am - 10:00am 254 International Affairs Bldg	Abdul Nanji	4	10/15

SWHL UN1102 Elementary Swahili II. 4 points.

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa. No P/D/F or R credit is allowed for this class.

Spring 2020: SWHL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SWHL 1102	001/15033	M T W Th 9:10am - 10:00am Room TBA	Abdul Nanji 4	7/15
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SWHL UN2101 Intermediate Swahili I. 4 points.

Prerequisites: *SWHL W1101-W1102* or the instructor's permission.

A review of the essentials of Swahili grammar; detailed analysis of Swahili texts; practice in conversation. No P/D/F or R credit is allowed for this class.

Fall 2019: SWHL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 2101	001/41203	M T W Th 10:10am - 11:00am 254 International Affairs Bldg	Abdul Nanji 4		6/15

WOLOF LANGUAGE COURSES**WLOF UN1101 Elementary Wolof I. 4 points.**

Introduction to the basic grammatical structures of Wolof, a major language of West Africa spoken in Senegal and Gambia. No P/D/F or R credit is allowed for this class.

Fall 2019: WLOF UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1101	001/41256	M T W Th 12:10pm - 1:00pm 351c International Affairs Bldg	Mariame Sy 4		7/15

WLOF UN2101 Intermediate Wolof I. 4 points.

Prerequisites: *WLOF W1101-W1102* or the instructor's permission.

Further develops a student's knowledge of Wolof, a major language of West Africa spoken primarily in Senegal and Gambia. No P/D/F or R credit is allowed for this class.

Fall 2019: WLOF UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 2101	001/41205	M W 2:10pm - 4:00pm 522c Kent Hall	Mariame Sy 4		5/15
WLOF 2101	002/41206	M W 10:10am - 12:00pm 351c International Affairs Bldg	Mariame Sy 4		1/15

WLOF UN3301 Advanced Wolof I. 4 points.

Prerequisites: Two years of Wolof or instructor permission. No P/D/F or R credit is allowed for this class

Fall 2019: WLOF UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 3301	001/41144	T Th 10:10am - 12:00pm 310 Knox Hall	Mariame Sy 4		2/15

OF RELATED INTEREST**History (Barnard)****MUSIC**

Departmental Office: 621 Dodge; 212-854-3825
<http://www.music.columbia.edu/>

Director of Undergraduate Studies: Prof. Aaron Fox, 804 Dodge; 212-854-7185; aaf19@columbia.edu

Music Humanities Chair: Prof. Elaine Sisman, 604 Dodge; 212-854-7728; es53@columbia.edu

Music Performance Program Director: Magdalena Stern-Baczewska, 618A Dodge; 212-854-2348; mb3713@columbia.edu

The music major provides aspiring musicians and/or scholars with a wide range of ways to think about music (performance-related, theoretical, historical, cultural, and compositional) and to concentrate on the aspects of music that most interest them—from popular and world music to computer music. Our faculty engage in cultural studies (i.e., ethnomusicology) and with current literary theory, connect with faculty of other departments (i.e., English, Philosophy, and Psychology), and are on the cutting edge of technological change. Students who have a passion for music and who have already developed basic skills in areas including performance, music history, composition, or ethnography, should consider a major in music.

MUSIC PERFORMANCE

For information on auditions, registration, and other aspects of performance not included below, visit <https://mpp.music.columbia.edu/>

or contact Magdalena Stern-Baczewska, Director of the Music Performance Program, in 618 Dodge, 212-854-1257.

Students with questions about the Columbia-Juilliard programs should consult *Special Programs* in this Bulletin or contact Rebecca Schiavo, 212-854-9478, rab2195@columbia.edu.

Lessons

Individual lessons on instruments listed under Courses of Instruction may be taken for one half hour per week for 1 point of credit (or in the case of voice lessons at Barnard College, one full hour per week for 2 points). Auditions are only offered in the fall semester and courses are a one year commitment. There is a \$300 lesson fee per semester for each instrumental instruction course.

- *MPP UN1401 Bassoon Instruction*
- *MPP UN1403 Cello Instruction*
- *MPP UN1405 Clarinet Instruction*
- *MPP UN1407 Classical Saxophone Instruction*
- *MPP UN1409 Flute Instruction*
- *MPP UN1411 French Horn Instruction*

- *MPP UN1413 Guitar (Bluegrass) Instruction*
- *MPP UN1415 Guitar (Classical) Instruction*
- *MPP UN1417 Harp Instruction*
- *MPP UN1419 Oboe Instruction*
- *MPP UN1421 Organ Instruction*
- *MPP UN1423 Percussion Instruction*
- *MPP UN1425 Piano Instruction*
- *MPP UN1427 String Bass Instruction*
- *MPP UN1429 Trombone Instruction*
- *MPP UN1431 Trumpet Instruction*
- *MPP UN1433 Tuba Instruction*
- *MPP UN1435 Viola Instruction*
- *MPP UN1437 Violin Instruction*
- *MPP UN1439 Early Instruments: Harpsichord*
- *MPP UN1441 Early Instruments: Viola da Gamba*
- *MPP UN1443 Jazz Bass Instruction*
- *MPP UN1445 Jazz Bass (Electric) Instruction*
- *MPP UN1447 Jazz Guitar (Electric) Instruction*
- *MPP UN1449 Jazz Orchestration*
- *MPP UN1451 Jazz Percussion Instruction*
- *MPP UN1453 Jazz Piano Instruction*
- *MPP UN1455 Jazz Saxophone Instruction*
- *MPP UN1457 Jazz Trombone Instruction*
- *MPP UN1459 Jazz Trumpet Instruction*
- *MPP UN1461 Jazz Voice Instruction*

Ensembles

Participation in the following ensembles is open to all members of the University community. Students who wish to receive course credit may register for 1 point per semester for these courses as listed.

See Music Performance Program website (<https://mpp.music.columbia.edu/>) for audition and activity information about all of the below.

- *Columbia University Orchestra* – Jeffrey Milarsky, *Conductor*
See -*MPP UN1521 University Orchestra* for audition and activity information.
- *Chamber Music Ensemble* – Magdalena Stern-Baczewska, *Director, Music Performance Program*
See -*MPP UN1531 Chamber Ensemble* for audition and activity information.
- *Barnard-Columbia Chorus and Chamber Singers* – Gail Archer, *Director*
See *MUSI UN1593 Barnard-Columbia Chorus*-
MUSI UN1594 Barnard-Columbia Chorus and
MUSI UN1595 Barnard-Columbia Chamber Singers-
MUSI UN1596 Barnard-Columbia Chamber Singers for
audition and activity information.
- *Collegium Musicum*

See - *MPP UN1511 Collegium Musicum* for audition and activity information.

- *Jazz Ensembles* – Christopher Washburne, *Director*
See -*MPP UN1541 Columbia University Jazz Ensemble* for
audition and activity information.
- *World Music Ensembles* – Magdalena Stern-Baczewska, *Director, Music Performance Program*
See- *MPP UN1551 World Music Ensemble*

PRACTICE ROOMS

Please see Practice Rooms and Policies (<https://music.columbia.edu/music-practice-rooms-and-policies/>) for the most up to date information.

GRADING

Ensembles: Letter Grade

Instrumental Lesson: P/F

DEPARTMENTAL HONORS

For departmental honors, see the director of undergraduate studies during the first week of the first semester of senior year. A formal written proposal is required. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Susan Boynton
Joseph Dubiel
Walter Frisch
Bradford Garton
Giuseppe Gerbino
Georg Friedrich Haas
Ellie Hisama
George Lewis
Ana Maria Ochoa
Elaine Sisman

ASSOCIATE PROFESSORS

Aaron Fox
Christopher Washburne

ASSISTANT PROFESSORS

Alessandra Ciucci
Zosha Di Castri
Julia Doe
Kevin A. Fellezs
Mariusz Kozak
Benjamin Steege

COORDINATOR OF MUSICIANSHIP

Peter Susser

LECTURERS

Taylor Brook
 Ehichung Rachel Chung
 Galen DeGraf
 Thomas Fogg
 Theodore Gordon
 Anne Levitsky
 Jeffrey Milarsky
 Matthew Ricketts
 Magdalena Stern-Baczewska
 Peter Susser
 Yun Emily Wang

ASSOCIATES IN MUSIC PERFORMANCE

Sarah Adams
 Dmitry Alexeev
 Gail Archer (Barnard)
 Eliot Bailen
 Bruce Barth
 Cyrus S. Beroukhim
 Allen Blustine
 Vicki Bodner
 Paul Bollenback
 Yari Bond
 Maja Cerar
 Vince Cherico
 Kenneth Cooper
 Christine Correa
 Adriano Dos Santos
 David Fulmer
 Brad Gemeinhardt
 John David Gibson
 Marc Goldberg
 June Han
 Brad Jones
 Sue Ann Kahn
 Arthur Kampela
 James Kerr
 Louis Kosma
 Victor Lin
 Paul-Martin Maki
 Andrew Milne
 Tony Moreno
 Ah-Ling Neu
 Ugonna Okegwo
 Muneko Otani
 Susan Palma-Nidel
 Richard Rood
 Susan Rotholz
 Louise Sasaki
 James Nyoraku Schlefer
 Michael Seltzer
 Don Sickler
 Michael Skelly

Helen Sung
 Jessica Thompson
 Masayo Ishigure Tokue
 Leo Traversa
 Michael Truesdell
 Reiko Uchida
 Jeffrey Warschauer
 James Wilson

ON LEAVE

Susan Boynton (2019-20)
 Alessandra Ciucci (Fall 2019)
 Giuseppe Gerbino (2019-20)

Georg Haas (Spring 2020)

Ellie Hisama (2019-20)
 George Lewis (Fall 2019)

GUIDELINES FOR ALL MUSIC MAJORS AND CONCENTRATORS

A program of study should be planned with the Director of Undergraduate Studies (DUS) in the first semester of the sophomore year. Students planning to focus on a particular area (i.e. computer music, composition, ethnomusicology, music theory or music history) may wish to select a faculty adviser in that area.

Music Theory & Ear-Training

All music majors and concentrators are required to take the Music Theory sequence through Music Theory IV and the Ear-Training sequence through Ear-Training IV. Placement exams are given prior to your initial enrollment in both the Music Theory sequence and Ear-Training sequence, to determine at what level you will be placed in each. For students who do not place in Music Theory I and/or Ear Training I on the placement exam, they must complete these course(s) before they start the corresponding sequence(s):

MUSI UN1002 Fundamentals of Music and MUSI UN1312 Introductory Ear Training.

Keyboard Proficiency

All music majors are required to take a keyboard proficiency exam upon entrance into the first semester of Theory. Those who do not pass the exam are required to take *MUSI UN1518 Keyboard Harmony and Musicianship*.

Language Recommendations

For students who plan to do graduate work in music, studying German, French, Italian and/or Latin is recommended.

Focus in Composition

For students interested in focusing on the area of Composition, you must take these courses in this order:

MUSI UN2319 Music Theory II
 MUSI UN3310 Techniques of 20th Century Music
 MUSI UN3239 Introduction to Composition
 MUSI UN3241 Advanced Composition

MAJOR IN MUSIC

The major in music requires a minimum of 40 points, including the following courses:

You must complete up to Music Theory IV:

MUSI UN2318 Music Theory I
 - MUSI UN2319 and Music Theory II

MUSI UN3321 Music Theory III
 - MUSI UN3322 and Music Theory IV

You must complete up to Ear-Training IV, ET V is optional:

MUSI UN2314 Ear Training, I
 - MUSI UN2315 and Ear Training, II

MUSI UN3316 Ear Training, III
 - MUSI UN3317 and Ear Training, IV

MUSI GU4318 Ear Training, V

MUSI UN3128 History of Western Music I: Middle
 - MUSI UN3129 Ages To Baroque
 and History of Western Music II:
 Classical To the 20th Century

MUSI UN3400 Topics in Music and Society

Electives: At least two 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses.
2. No more than 4 points of 1000-level MPP courses and UN1518 combined (list below):

MPP UN1401	Bassoon Instruction
MPP UN1403	Cello Instruction
MPP UN1405	Clarinet Instruction
MPP UN1407	Classical Saxophone Instruction
MPP UN1409	Flute Instruction
MPP UN1411	French Horn Instruction
MPP UN1413	Guitar (Bluegrass) Instruction
MPP UN1415	Guitar (Classical) Instruction
MPP UN1417	Harp Instruction
MPP UN1419	Oboe Instruction
MPP UN1421	Organ Instruction
MPP UN1423	Percussion Instruction
MPP UN1425	Piano Instruction
MPP UN1427	String Bass Instruction
MPP UN1429	Trombone Instruction
MPP UN1431	Trumpet Instruction
MPP UN1433	Tuba Instruction
MPP UN1435	Viola Instruction
MPP UN1437	Violin Instruction
MPP UN1439	Early Instruments: Harpsichord

MPP UN1441	Early Instruments: Viola da Gamba
MPP UN1443	Jazz Bass Instruction
MPP UN1445	Jazz Bass (Electric) Instruction
MPP UN1447	Jazz Guitar (Electric) Instruction
MPP UN1449	Jazz Orchestration
MPP UN1451	Jazz Percussion Instruction
MPP UN1453	Jazz Piano Instruction
MPP UN1455	Jazz Saxophone Instruction
MPP UN1457	Jazz Trombone Instruction
MPP UN1459	Jazz Trumpet Instruction
MPP UN1461	Jazz Voice Instruction
MPP UN1511	Collegium Musicum
MPP UN1521	University Orchestra
MPP UN1531	Chamber Ensemble
MPP UN1541	Columbia University Jazz Ensemble
MPP UN1551	World Music Ensemble

CONCENTRATION IN MUSIC

The concentration in music requires a minimum of 28 points, including the following courses:

You must complete up to Music Theory IV:

MUSI UN2318 Music Theory I
 - MUSI UN2319 and Music Theory II

MUSI UN3321 Music Theory III
 - MUSI UN3322 and Music Theory IV

You must complete up to Ear-Training IV, ET V is optional:

MUSI UN2314 Ear Training, I
 - MUSI UN2315 and Ear Training, II

MUSI UN3316 Ear Training, III
 - MUSI UN3317 and Ear Training, IV

MUSI GU4318 Ear Training, V

MUSI UN3128 History of Western Music I: Middle
 - MUSI UN3129 Ages To Baroque
 and History of Western Music II:
 Classical To the 20th Century

MUSI UN3400 Topics in Music and Society

Electives: At least one 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses.
2. No more than 4 points of 1000-level MPP courses and UN1518 combined (list below):

MPP UN1401	Bassoon Instruction
MPP UN1403	Cello Instruction
MPP UN1405	Clarinet Instruction
MPP UN1407	Classical Saxophone Instruction
MPP UN1409	Flute Instruction
MPP UN1411	French Horn Instruction
MPP UN1413	Guitar (Bluegrass) Instruction

MPP UN1415	Guitar (Classical) Instruction
MPP UN1417	Harp Instruction
MPP UN1419	Oboe Instruction
MPP UN1421	Organ Instruction
MPP UN1423	Percussion Instruction
MPP UN1425	Piano Instruction
MPP UN1427	String Bass Instruction
MPP UN1429	Trombone Instruction
MPP UN1431	Trumpet Instruction
MPP UN1433	Tuba Instruction
MPP UN1435	Viola Instruction
MPP UN1437	Violin Instruction
MPP UN1439	Early Instruments: Harpsichord
MPP UN1441	Early Instruments: Viola da Gamba
MPP UN1443	Jazz Bass Instruction
MPP UN1445	Jazz Bass (Electric) Instruction
MPP UN1447	Jazz Guitar (Electric) Instruction
MPP UN1449	Jazz Orchestration
MPP UN1451	Jazz Percussion Instruction
MPP UN1453	Jazz Piano Instruction
MPP UN1455	Jazz Saxophone Instruction
MPP UN1457	Jazz Trombone Instruction
MPP UN1459	Jazz Trumpet Instruction
MPP UN1461	Jazz Voice Instruction
MPP UN1511	Collegium Musicum
MPP UN1521	University Orchestra
MPP UN1531	Chamber Ensemble
MPP UN1541	Columbia University Jazz Ensemble
MPP UN1551	World Music Ensemble

SPECIAL CONCENTRATION IN JAZZ STUDIES

Students interested in a special concentration in jazz studies should see *Jazz Studies*.

FALL 2019

MUSI UN1002 Fundamentals of Music. 3 points.

Corequisites: Introductory Ear-Training (*V1312*, or higher, as determined by placement exam).

This course is an introduction to music, including notation, written and aural skills, and basic conceptual resources of music theory. Exploration of scale, mode, rhythm, meter, texture and form, with reference to a diverse range of musics.

Fall 2019: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/99603	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	25/24
MUSI 1002	002/99602	T Th 10:10am - 11:25am 814 Dodge Building	Katherine Balch	3	10/24

Spring 2020: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/12576	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	25/25
MUSI 1002	002/12577	T Th 10:10am - 11:25am 814 Dodge Building	Ian Sewell	3	10/25

HUMA UN1123 Masterpieces of Western Music. 3 points.

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

Fall 2019: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10418	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	002/10419	M W 8:40am - 9:55am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	003/10420	M W 8:40am - 9:55am 622 Dodge Building	Julia Hamilton	3	24/25
HUMA 1123	004/10421	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	005/10422	M W 10:10am - 11:25am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	006/10423	M W 10:10am - 11:25am 716 Hamilton Hall	Julia Doe	3	25/25
HUMA 1123	007/10424	M W 1:10pm - 2:25pm 622 Dodge Building	Elaine Sisman	3	24/25
HUMA 1123	008/10425	M W 1:10pm - 2:25pm 716 Hamilton Hall	Christopher Washburne	3	25/25
HUMA 1123	009/10426	M W 2:40pm - 3:55pm 404 Dodge Building	Walter Frisch	3	22/25
HUMA 1123	010/10427	M W 2:40pm - 3:55pm 405 Dodge Building	Sean Colonna	3	25/25
HUMA 1123	011/10428	M W 2:40pm - 3:55pm 716 Hamilton Hall	Jonathan Ligrani	3	22/25
HUMA 1123	012/10429	M W 4:10pm - 5:25pm 404 Dodge Building	Mariusz Kozak	3	22/25
HUMA 1123	013/10430	M W 4:10pm - 5:25pm 405 Dodge Building	Madeleine Turner	3	21/25
HUMA 1123	014/10431	M W 4:10pm - 5:25pm 716 Hamilton Hall	William Dougherty	3	23/25
HUMA 1123	015/10432	M W 6:10pm - 7:25pm 404 Dodge Building	Rachel Chung	3	24/25
HUMA 1123	016/10433	M W 6:10pm - 7:25pm 405 Dodge Building	Audrey Amsellem	3	21/25
HUMA 1123	017/10434	M W 6:10pm - 7:25pm	Mike Ford	3	15/25

HUMA 1123	018/10435	716 Hamilton Hall T Th 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	24/25	HUMA 1123	007/11184	M 1:10pm - 2:25pm 622 Dodge Building	3	24/24
HUMA 1123	019/10436	T Th 8:40am - 9:55am 622 Dodge Building	Thomas Fogg	3	23/25	HUMA 1123	008/11185	M W 1:10pm - 2:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	020/10437	T Th 10:10am - 11:25am 404 Dodge Building	Thomas Fogg	3	25/25	HUMA 1123	009/11205	M W 2:40pm - 3:55pm 404 Dodge Building	3	24/24
HUMA 1123	021/10438	T Th 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	25/25	HUMA 1123	010/11206	M W 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	022/10439	T Th 10:10am - 11:25am 716 Hamilton Hall	Marilyn McCoy	3	24/25	HUMA 1123	011/11207	M W 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	023/10440	T Th 1:10pm - 2:25pm 404 Dodge Building	Joshua Navon	3	25/25	HUMA 1123	012/11208	M W 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	024/10441	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Sonja Wermager	3	24/25	HUMA 1123	013/11209	M W 4:10pm - 5:25pm 405 Dodge Building	3	24/24
HUMA 1123	025/10442	T Th 2:40pm - 3:55pm 404 Dodge Building	Magdalena Baczewska	3	25/25	HUMA 1123	014/11210	M W 4:10pm - 5:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	026/10443	T Th 2:40pm - 3:55pm 405 Dodge Building	Gabrielle Ferrari	3	23/25	HUMA 1123	015/11211	M W 6:10pm - 7:25pm 404 Dodge Building	3	24/24
HUMA 1123	027/10444	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Saad Haddad	3	23/25	HUMA 1123	016/11212	M W 6:10pm - 7:25pm 405 Dodge Building	3	24/24
HUMA 1123	028/10445	T Th 4:10pm - 5:25pm 404 Dodge Building	Joshua Navon	3	25/25	HUMA 1123	017/11213	M W 6:10pm - 7:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	029/10446	T Th 4:10pm - 5:25pm 405 Dodge Building	Anne Levitsky	3	23/25	HUMA 1123	018/11215	T Th 8:40am - 9:55am 405 Dodge Building	3	24/24
HUMA 1123	030/10447	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Mark Saccomano	3	22/25	HUMA 1123	019/11214	T Th 8:40am - 9:55am 622 Dodge Building	3	24/24
HUMA 1123	031/10448	T Th 6:10pm - 7:25pm 404 Dodge Building	Demetrius Shahmehri	3	21/25	HUMA 1123	020/11216	T Th 10:10am - 11:25am 404 Dodge Building	3	24/24
HUMA 1123	032/10449	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Ryan Pratt	3	24/25	HUMA 1123	021/11217	T Th 10:10am - 11:25am 405 Dodge Building	3	24/24
Spring 2020: HUMA UN1123						HUMA 1123	022/11218	T Th 10:10am - 11:25am 716 Hamilton Hall	3	24/24
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	HUMA 1123	023/11219	T Th 1:10pm - 2:25pm 404 Dodge Building	3	24/24
HUMA 1123	001/11175	M W 8:40am - 9:55am 404 Dodge Building		3	24/24	HUMA 1123	024/11220	T Th 1:10pm - 2:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	002/11176	M W 8:40am - 9:55am 405 Dodge Building		3	24/24	HUMA 1123	025/11221	T Th 2:40pm - 3:55pm 404 Dodge Building	3	24/24
HUMA 1123	003/11177	M W 8:40am - 9:55am 622 Dodge Building		3	24/24	HUMA 1123	026/11222	T Th 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	004/11178	M W 10:10am - 11:25am 404 Dodge Building		3	24/24	HUMA 1123	027/11223	T Th 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	005/11179	M W 10:10am - 11:25am 405 Dodge Building		3	24/24	HUMA 1123	028/11224	T Th 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	006/11180	M W 10:10am - 11:25am 716 Hamilton Hall		3	24/24	HUMA 1123	029/11225	T Th 4:10pm - 5:25pm	3	24/24

HUMA 1123	030/11226	405 Dodge Building	3	24/24
		T Th 4:10pm - 5:25pm		
		716 Hamilton Hall		
HUMA 1123	031/11227	T Th 6:10pm - 7:25pm	3	24/24
		404 Dodge Building		
		716 Hamilton Hall		
HUMA 1123	032/11228	T Th 6:10pm - 7:25pm	3	24/24
		716 Hamilton Hall		
		716 Hamilton Hall		

MUSI UN1312 Introductory Ear Training. 1 point.

This course is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfege recitation, and sight-singing simple melodies.

Fall 2019: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/99463	M W 12:10pm - 1:00pm 404 Dodge Building	Sadie Dawkins	1	7/12
MUSI 1312	002/99462	T Th 3:10pm - 4:00pm 620 Dodge Building	Martha Sullivan	1	5/12

Spring 2020: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/12578	M W 12:10pm - 1:00pm 404 Dodge Building		1	0/12
MUSI 1312	002/12579	T Th 3:10pm - 4:00pm 620 Dodge Building		1	0/12

MUSI UN1518 Keyboard Harmony and Musicianship. 1 point.

Prerequisites: Instructor Permission

One-on-one piano instruction with an emphasis on harmony and sight-reading. Open only to Music Theory students who do not pass the piano proficiency test.

Fall 2019: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/99601		Michael Skelly	1	3/12

Spring 2020: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/12326		Michael Skelly	1	6/12

MUSI UN2021 Music in Contemporary Native America. 3 points.

This course focuses on *contemporary* Native American (Native American, First Nations Canadian, Alaska Native, Native Hawaiian) music cultures through a framework combining historical and ethnomusicological readings in a topical examination of contemporary Native American musical practices. The course emphasizes popular, vernacular, and mass mediated musics, and calls into question the distinction between “traditional” and “modern” aspects of Native American cultures.

There will be a special emphasis on Native American perspectives on these topics.

Fall 2019: MUSI UN2021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2021	001/99461	T Th 1:10pm - 2:25pm 620 Dodge Building	Aaron Fox	3	5/35

MUSI UN2030 Jewish Music of New York. 3 points.

Prerequisites: Music Humanities (Columbia University) or An Introduction to Music (Barnard).

With the arrival of the first Jewish immigrants in New York in the mid-1600s until today, Jewish music in the City has oscillated between preserving traditions and introducing innovative ideas. This course explores the variety of ways people have used music to describe, *inscribe*, symbolize, and editorialize their Jewish experience. Along these lines, it draws upon genres of art music, popular music, and non-Western traditions, as well as practices that synthesize various styles and genres, from hazzanut to hiphop. Diverse musical experiences will serve as a window to address wider questions of identity, memory, and dislocation. We will also experience the Jewish soundscape of New York's dynamic and eclectic music culture by visiting various venues and meeting key players in today's music scene, and thus engage in the ongoing dialogues that define Jewishness in New York. A basic familiarity with Judaism and Jewish culture is helpful for this course, but it is by no means required. You do not need to know Jewish history to take this class, nor do you need to be able to read music. Translations from Hebrew and Yiddish will be provided, and musical analysis will be well explained.

Fall 2019: MUSI UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2030	001/99460	M W 11:40am - 12:55pm 814 Dodge Building	Tina Fruehauf	3	16/25

MUSI UN2205 Introduction to Digital Music (Previously called MIDI Music Production Techniques). 3 points.

Prerequisites: Permission of Instructor required to enroll. Music Majors/Music Concentrations have priority for enrollment. An introduction to the potential of digital synthesis and signal processing. Teaches proficiency in elementary and advanced digital audio techniques. Challenges some of the assumptions about music built into various interfaces and fosters a creative approach to using DAW software and machines.

Fall 2019: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/99542	T Th 1:10pm - 2:25pm 320h Prentis Hall	Bradford Garton	3	15/18

Spring 2020: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 2205 001/12328 T Th 1:10pm - Danielle 3 0/18
2:25pm Dobkin
320h Prentiss Hall

MUSI UN2314 Ear Training, I. 1 point.

Designed to improve the student's basic skills in sight-singing, and rhythmic and melodic dictation with an introduction to four-part harmonic dictation.

Fall 2019: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/99459	M W 12:10pm - 1:00pm 405 Dodge Building	Eric Martin	1	9/12
MUSI 2314	002/99458	T Th 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	7/12

Spring 2020: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/12330	M W 12:10pm - 1:00pm 405 Dodge Building		1	2/12
MUSI 2314	002/12331	T Th 3:10pm - 4:00pm 803 Dodge Building		1	0/12

MUSI UN2315 Ear Training, II. 1 point.

Techniques of sight-singing and dictation of diatonic melodies in simple and compound meter with strong emphasis on harmonic dictation.

Fall 2019: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/99541	M W 3:10pm - 4:00pm 814 Dodge Building	Peter Susser	1	8/12
MUSI 2315	002/99540	T Th 12:10pm - 1:00pm 814 Dodge Building	Rowland Moseley	1	5/12

Spring 2020: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/12332	M W 3:10pm - 4:00pm 814 Dodge Building		1	3/12
MUSI 2315	002/12334	T Th 12:10pm - 1:00pm 814 Dodge Building		1	6/12

MUSI UN2318 Music Theory I. 3 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Fundamentals of Music/UN1002. Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 2318 001/99457 M W 1:10pm - Galen 3 12/16
2:25pm DeGraf
404 Dodge Building
MUSI 2318 002/99456 T Th 1:10pm - Galen 3 9/16
2:25pm DeGraf
405 Dodge Building

Spring 2020: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/12335	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3	4/16

MUSI UN2319 Music Theory II. 3 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Music Theory I/UN2318
Corequisites: one course from Ear-Training I-IV (V2314, V2315, V3316, or V3317, as determined by placement exam.)
Elementary analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/99502	M W 1:10pm - 2:25pm 405 Dodge Building	Benjamin Steege	3	11/16

Spring 2020: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/12548	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	1/16
MUSI 2319	002/12549	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	0/16

MUSI UN2582 Jazz improvisation: theory, history and practice. 3 points.

This course offers an introduction to jazz improvisation for instrumentalists. Through recordings, transcriptions, daily performance and selected readings, students will actively engage the history of jazz through their instruments and intellect.

The idea of improvisation will be explored in an historical context, both as a musical phenomenon with its attendant theory and mechanics, and as a trope of American history and aesthetics. This class is for instrumentalists who wish to deepen their understanding of the theory, history and practice of jazz improvisation. The history of jazz will be used as a prism through which to view approaches to improvisation, from the cadences of the early Blues through the abstractions of Free Jazz and beyond.

The student will be exposed to the theory and vocabularies of various jazz idioms, which they will also learn to place in their social and historical contexts.

Fall 2019: MUSI UN2582

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 2582 001/39501 W 10:10am - Christopher 3 11/20
12:00pm Washburne
112 Dodge Building

MUSI UN3023 Late Beethoven. 3 points.

Prerequisites: MUSI UN2318-UN2319 MUSI UN2318-UN2319 or the instructor's permission.

An examination of the visionary works of Beethoven's last dozen or so years as a composer, beginning with the revision of his only opera, Fidelio, in 1814, and continuing with the late piano sonatas, cello sonatas, string quartets, Diabelli variations, Ninth Symphony, and the Missa Solemnis. Topics will include late style, romanticism, politics, deafness, and the changing nature of the musical work and its performance.

Fall 2019: MUSI UN3023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3023	001/39502	M W 2:40pm - 3:55pm 622 Dodge Building	Elaine Sisman	3	5/20

MUSI UN3128 History of Western Music I: Middle Ages To Baroque. 3 points.

Prerequisites: *MUSI UN2318 - MUSI UN2319*. May be taken before or concurrently with this course.

Topics in Western music from Antiquity through Bach and Handel, focusing on the development of musical style and thought, and analysis of selected works.

Fall 2019: MUSI UN3128

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3128	001/99539	T Th 2:40pm - 3:55pm 622 Dodge Building	Anne Levitsky	3	17/35

MUSI UN3171 Paris for Romantics. 3 points.

Prerequisites: Completion of Music Humanities (or the consent of the instructor) is a pre-requisite for this course.

This course explores Parisian musical life during the long nineteenth century, situating musical discourses, institutions, and forms within the broader landscapes of literary and artistic Romanticism. Topics to be considered include: the musical echoes of the Revolution; operatic genres and theaters; the music of the salons; cultures of consumerism and domestic performance; and issues of nationalism and historicism after 1870. Composers to be considered include: Berlioz, Chopin, Liszt, Gounod, Saint-Saëns, Franck, Massenet, and Debussy. Completion of Music Humanities (or the consent of the instructor) is a pre-requisite for this course.

Fall 2019: MUSI UN3171

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3171	001/39503	M W 4:10pm - 5:25pm 622 Dodge Building	Julia Doe	3	10/15

MUSI UN3241 ADVANCED COMPOSITION I. 3 points.

Composition Faculty

Prerequisites: UN3239/Intro to Comp I

Composition in more extended forms. Study of advanced techniques of contemporary composition. Readings of student works.

Fall 2019: MUSI UN3241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3241	001/99455	M W 10:10am - 11:25am 620 Dodge Building	Eric Wubbels	3	5/10

MUSI UN3310 Techniques of 20th-Century Music. 3 points.

Prerequisites: *MUSI UN2319* or the instructor's permission. Materials, styles, and techniques of 20th and 21st century music. Musical concepts and compositional techniques related to serialism and atonality, timbre, orchestration, indeterminacy, rhythm and temporality, electronic and electro-acoustic music, site-specific composition, graphic notation, recomposition, minimalism, and spectralism.

Fall 2019: MUSI UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3310	001/10655	M W 10:10am - 11:25am 622 Dodge Building	Marc Hannaford	3	2/25

MUSI UN3316 Ear Training, III. 1 point.

Sight-singing techniques of modulating diatonic melodies in simple, compound, or irregular meters that involve complex rhythmic patterns. Emphasis is placed on four-part harmonic dictation of modulating phrases.

Fall 2019: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/99598	M W 12:10pm - 1:00pm 620 Dodge Building	Rowland Moseley	1	10/12
MUSI 3316	002/99597	T Th 3:10pm - 4:00pm 814 Dodge Building	Ramin Amir Arjomand	1	8/12

Spring 2020: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/12556	M W 12:10pm - 1:00pm 620 Dodge Building		1	3/12
MUSI 3316	002/12557	T Th 3:10pm - 4:00pm 814 Dodge Building		1	4/12

MUSI UN3317 Ear Training, IV. 1 point.

Techniques of musicianship at the intermediate level, stressing the importance of musical nuances in sight-singing. Emphasis is placed on chromatically inflected four-part harmonic dictation.

Fall 2019: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/99538	M W 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	6/12

MUSI 3317 002/99537 T Th 4:10pm - Ramin Amir 1 3/12
5:00pm Arjomand
622 Dodge Building

Spring 2020: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/12559	M W 3:10pm - 4:00pm 803 Dodge Building		1	7/12
MUSI 3317	002/12560	T Th 4:10pm - 5:00pm 622 Dodge Building		1	6/12

AHMM UN3321 Introduction To the Musics of India and West Asia. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A topical approach to the concepts and practices of music in relation to other arts in the development of Asian civilizations.

Fall 2019: AHMM UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3321	001/99508	M W 6:10pm - 7:25pm 620 Dodge Building	Jesse Chevan	3	21/25
AHMM 3321	002/99507	M W 6:10pm - 7:25pm 622 Dodge Building	Hicham Chami	3	19/25
AHMM 3321	003/99506	T Th 10:10am - 11:25am 622 Dodge Building	Farzad Amoozegar-Fassaie	3	22/25

MUSI UN3321 Music Theory III. 3 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Intermediate analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/99448	M W 1:10pm - 2:25pm 620 Dodge Building	Joseph Dubiel	3	5/16

Spring 2020: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/12582	M W 1:10pm - 2:25pm 620 Dodge Building	Marc Hannaford	3	11/16

MUSI UN3322 Music Theory IV. 3 points.

Prerequisites: Music Theory II/UN3321

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/99453	T Th 1:10pm - 2:25pm 622 Dodge Building	Marc Hannaford	3	11/16

Spring 2020: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/12564	T Th 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3	5/16

MUSI UN3344 Curating Popular Music: From Song Pluggers to Spotify. 3 points.

How is popular music made popular? And who makes it popular? This discussion-based course seeks to answer these questions by focusing on the critical role that music industry professionals—song pluggers, sheet music publishers, producers, talent scouts, record executives, and content curators—have played in shaping the markets of production, circulation, and consumption of popular music in the United States from the beginning of the twentieth century to the present day. Readings, listening selections, and class discussion will address a number of key genres of American popular music—Tin Pan Alley, folk, blues, country, rock, pop, and hip hop—while individual assignments (including a final project centered on creating and producing a podcast) will allow students to apply the knowledge gained in class to genres, styles, and works of their own choosing. Students will not be required to have prior knowledge of music theory or to be able to read music. Completion of Masterpieces of Western Music: “Music Humanities” (HUMA UN 1123) is preferred, but not required.

Fall 2019: MUSI UN3344

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3344	001/29208	T Th 11:40am - 12:55pm 405 Dodge Building	Velia Ivanova	3	10/15

MUSI UN3400 Topics in Music and Society. 3 points.

Music Majors and Concentrators.

This course seeks to approach the study of music and society by comparatively studying repertoires from different parts of the world, how the history of ideas and methods of studying such repertoires shaped them, the practices that constitute them and the ways they are understood and used by different peoples.

Central to this course is the interrelationship between the constitution of a repertoire and the history of the construction of knowledge about it.

Fall 2019: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/99469	T Th 4:10pm - 5:25pm 814 Dodge Building	Kevin Fellezs	3	11/35

Spring 2020: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/12584	T Th 4:10pm - 5:25pm 814 Dodge Building	Farzad Amoozegar-Fassaie	3	15/35

MUSI UN3995 Honors Research. 3 points.

Open to honors candidates in music only.

Prerequisites: a formal proposal to be submitted and approved prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision, leading to completion of an honors essay, composition, or the equivalent.

Fall 2019: MUSI UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3995	002/10616		Alessandra Ciucci	3	0/5
MUSI 3995	003/10613		Sophia Di Castri	3	0/5
MUSI 3995	004/10615		Julia Doe	3	0/5
MUSI 3995	005/99595		Joseph Dubiel	3	0/5
MUSI 3995	006/99594		Kevin Fellezs	3	0/5
MUSI 3995	007/99593		Aaron Fox	3	0/5
MUSI 3995	008/10617		Walter Frisch	3	0/5
MUSI 3995	009/99592		Bradford Garton	3	0/5
MUSI 3995	011/99590		Georg Friedrich Haas	3	0/5
MUSI 3995	013/99588		Mariusz Kozak	3	0/5
MUSI 3995	015/99587		Jeffrey Milarsky	3	0/5
MUSI 3995	017/10618		Elaine Sisman	3	0/5
MUSI 3995	018/99585		Benjamin Steege	3	0/5
MUSI 3995	019/10620		Magdalena Baczevska	3	0/5
MUSI 3995	020/99584		Peter Susser	3	1/5
MUSI 3995	021/10621		Christopher Washburne	3	0/5

MUSI UN3998 Supervised Independent Study. 3 points.

Prerequisites: approval prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision.

Fall 2019: MUSI UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3998	003/10622		Sophia Di Castri	3	0/5
MUSI 3998	004/10623		Julia Doe	3	0/5
MUSI 3998	005/99534		Joseph Dubiel	3	0/5
MUSI 3998	006/99533		Aaron Fox	3	2/5

MUSI 3998	007/99532		Kevin Fellezs	3	0/5
MUSI 3998	008/10624		Walter Frisch	3	0/5
MUSI 3998	009/99531		Bradford Garton	3	1/5
MUSI 3998	011/99529		Georg Friedrich Haas	3	0/5
MUSI 3998	013/99527		Mariusz Kozak	3	0/5
MUSI 3998	015/99526		Jeffrey Milarsky	3	0/5
MUSI 3998	016/99525		Ana Maria Ochoa	3	0/5
MUSI 3998	017/10626		Elaine Sisman	3	0/5
MUSI 3998	018/99524		Benjamin Steege	3	0/5
MUSI 3998	019/10627		Magdalena Baczevska	3	0/5
MUSI 3998	020/99523		Peter Susser	3	3/5
MUSI 3998	021/10628		Christopher Washburne	3	0/5

MUSI GU4318 Ear Training, V. 1 point.

Advanced dictation, sight singing, and musicianship, with emphasis on 20th-century music.

Fall 2019: MUSI GU4318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4318	001/99570	M W 12:10pm - 1:00pm 803 Dodge Building	Peter Susser	1	5/12

MUSI GU4360 ANALYSIS OF TONAL MUSIC. 3 points.

Detailed analysis of selected tonal compositions. This course, for advanced undergraduates and beginning graduates, is intended to develop understanding of tonal compositions and of theoretical concepts that apply to them, through study of specific works in various forms and styles.

Fall 2019: MUSI GU4360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4360	001/99583	M 3:10pm - 5:00pm 620 Dodge Building	Benjamin Steege	3	7/12

MUSI GU4525 Instrumentation. 3 points.

Open to both graduate and advanced music major undergraduate students.

Prerequisites: extensive musical background.

Analysis of instrumentation, with directional emphasis on usage, ranges, playing techniques, tone colors, characteristics, interactions and tendencies, all derived from the classic orchestral repertoire. Topics will include theoretical writings on the classical repertoire as well as 20th century instrumentation and its advancement. Additional sessions with live orchestral demonstrations are included as part of the course.

Fall 2019: MUSI GU4525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4525	001/99569	T Th 1:10pm - 2:25pm 814 Dodge Building	Gordon Beeferman	3	3/25

MUSI GU4630 Recorded Sound. 3 points.

Prerequisites: The instructor's permission.

As music moves into the 21st century, we find ourselves surrounded by an ever-evolving landscape of technological capability. The world of music, and the music industry itself, is changing rapidly, and with that change comes the opening – and closing – of doorways of possibility. What does this shift mean for today's practicing artist or composer? With big label recording studios signing and nurturing fewer and fewer artists, it seems certain that, today, musicians who want to record and distribute their music need to be able to do much of the recording and production work on their own. But where does one go to learn how to do this – to learn not only the “how to” part of music production, but the historical underpinnings and the development of the music production industry as well? How does one develop a comprehensive framework within which they can place their own artistic efforts? How does one learn to understand what they hear, re-create what they like and develop their own style?

This class, “Recorded Sound,” aims to be the answer. It's goal is to teach artists how to listen critically to music from across history and genres in order to identify the production techniques that they hear, and reproduce those elements using modern technology so they can be incorporated into the artist's own musical works.

Fall 2019: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/39504	M 1:10pm - 4:00pm 317h Prentiss Hall	David Adamcyk	3	12/15

Spring 2020: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/12588	M 3:10pm - 6:00pm 317 Prentiss Hall	David Bird	3	0/15

MUSI GU4801 Music and the Electrical Imaginary. 3 points.

This undergraduate seminar explores the long history of how people have imagined the relationship between music and electricity. An interdisciplinary seminar, this course uses methodologies from historical musicology, ethnomusicology, and science and technology studies to map the scientific concepts, technological instruments, and musical practices that have contributed to what is now an abstract noun:

“electronic music.” Beginning with early modern fantasies of magnetic and electrical music, it continues through 19th century developments in acoustics and electroacoustics; examines early 20th century systems of networked electrical control and communication; explores the consequences of magnetic audio tape; surveys electronic music studios in Cologne, Buenos Aires, Toronto, New York, and San Francisco; traces

the development of voltage-controlled synthesizers in the 1960s; meditates on music, mathematics, and mysticism; and historically situates the development of computer music. This course is intended to foster interdisciplinary dialogue between students interested in the study of music (including historians, ethnomusicologists, theorists, and composers) and the study of science and technology (including historians, researchers, and engineers).

Fall 2019: MUSI GU4801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4801	001/39511	T 10:10am - 12:00pm 701c Dodge Building	Theodore Gordon	3	1/15

MUSI GU4802 Sound, Music and Death. 3 points.

This seminar is an exploration of the roles of sound and music play in people's attempts to grapple with death and its many auras. We will read literature from ethnomusicology, anthropology, and sound studies, and listen to musics from many parts of the world, so as to investigate how 1) the processes of aging, decay, and mourning; 2) metaphorical deaths including war and exile; and 3) imaginations of afterlives resound among the living.

Fall 2019: MUSI GU4802

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4802	001/29209	W 2:10pm - 4:00pm 701c Dodge Building	Yun Wang	3	11/15

MUSI GU4810 Sound: Foundations . 3 points.

This foundational course in sound will begin by exploring how listening happens as well the tools necessary capture and present that listening. Through hands-on experimentation and demonstration, this seminar will examine both the technical and semiotic use of sound as a

material within creative practice. Fundamental studio techniques will be explored including soldering for building cables, microphones, and loudspeakers. We will also explore the building blocks of analog and digital processes for the creation of sound, including microphones (types, patterns, and placement), basic synthesis, and techniques for recording, mixing, editing, and mastering. Through creative projects that implement these skills we will learn by doing. We will study theories of sound and listening that determine or are determined by technology, from the physical and social dimensions of the sounds we use to create, language (sound as a symbol or object), acoustics (sound in space), acousmatics (sound without a visual reference), and psycho-acoustics (sound as cognitive process). This class assumes no prior knowledge or technical skill. Some reading will be assigned and we will look and listen to a lot of work, students are encouraged to participate actively in discussions.

Fall 2019: MUSI GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 4810 001/39510 M 6:10pm - 8:00pm Seth Cluett 3 12/15
324 Prentiss Hall

MPP UN1401 Bassoon Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website in August: mpp.music.columbia.edu

Fall 2019: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/99632		Mark Timmerman	1	3/25

Spring 2020: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/13730		Mark Timmerman	1	0/25

MPP UN1403 Cello Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website: mpp.music.columbia.edu

Fall 2019: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/99499		Eliot Bailen	1	2/25
MPP 1403	002/99498		Yari Bond	1	3/25
MPP 1403	003/99497		James Wilson	1	0/25

Spring 2020: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/13731		Eliot Bailen	1	1/25
MPP 1403	002/13732		Yari Bond	1	1/25
MPP 1403	003/13734		James Wilson	1	0/25

MPP UN1405 Clarinet Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons

and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/99567		Allen Blustine	1	0/25

Spring 2020: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/13735		Allen Blustine	1	0/25

MPP UN1407 Classical Saxophone Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1407	001/99505		Paul Cohen	1	0/25

MPP UN1409 Flute Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/99496		Sue Anne Kahn	1	1/25
MPP 1409	002/99495		Susan Palma-Nidel	1	3/25
MPP 1409	003/99494		Susan Rotholz	1	1/25

Spring 2020: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/13736		Sue Anne Kahn	1	1/25

MPP 1409	002/13738	Susan Palma-Nidel	1	1/25
MPP 1409	003/13739	Susan Rotholz	1	1/25

MPP UN1411 French Horn Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/99566		Brad Gemeinhardt	1	1/25

MPP UN1413 Guitar (Bluegrass) Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/99493		James Kerr	1	0/25

Spring 2020: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/13741		James Kerr	1	0/25

MPP UN1415 Guitar (Classical) Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1415	001/99631		Arthur Kampela	1	0/25

MPP UN1417 Harp Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/99492		June Han	1	3/25

Spring 2020: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/13743		June Han	1	1/25

MPP UN1419 Oboe Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/99565		Vicki Bodner	1	1/25

Spring 2020: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/13744		Vicki Bodner	1	0/25

MPP UN1421 Organ Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons

and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/99450		Paul Martin Maki	1	1/25

Spring 2020: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/13745		Paul Martin Maki	1	0/25

MPP UN1423 Percussion Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/99491		Ian Sullivan	1	1/25

Spring 2020: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/13746		Ian Sullivan	1	0/25

MPP UN1425 Piano Instruction. 1 point.

Prerequisites: Signup 109/110 Dodge Sept 4&5; ALL LEVELS; \$300 LESSON FEE

Required: Meet with instructors September 4 and 5 for placement in 109 Dodge Hall. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/99564		Michael Skelly	1	51/100
MPP 1425	002/99563		Dmitry Alexeev	1	31/50
MPP 1425	003/99562		Reiko Uchida	1	12/50

Spring 2020: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1425	001/13747		Michael Skelly	1	0/100
MPP 1425	002/13749		Dmitry Alexeev	1	0/50
MPP 1425	003/13752		Reiko Uchida	1	0/50

MPP UN1427 String Bass Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/99630		Lou Kosma	1	0/25

MPP UN1429 Trombone Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/99490		Michael Seltzer	1	2/25

Spring 2020: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/13755		Michael Seltzer	1	0/25

MPP UN1431 Trumpet Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students

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Fall 2019: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/99561		Gareth Flowers	1	0/25

MPP UN1433 Tuba Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1433

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1433	001/99571		Raymond Stewart	1	0/25

MPP UN1435 Viola Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/99489		Sarah Adams	1	2/25
MPP 1435	002/99488		Ah-ling Neu	1	2/25
MPP 1435	003/99487		Jessica Thompson	1	2/25

Spring 2020: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/13766		Sarah Adams	1	1/25
MPP 1435	002/13768		Ah-ling Neu	1	2/25
MPP 1435	003/13776		Jessica Thompson	1	0/25

MPP UN1437 Violin Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/99560		Cyrus Beroukhim	1	4/25
MPP 1437	002/99559		Maja Cerar	1	4/25
MPP 1437	004/99557		Lisa Kim	1	0/25
MPP 1437	005/99556		Muneko Otani	1	3/25
MPP 1437	006/99555		Richard Rood	1	4/25

Spring 2020: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/13777		Cyrus Beroukhim	1	3/25
MPP 1437	002/13780		Maja Cerar	1	1/25
MPP 1437	004/13781		Lisa Kim	1	0/25
MPP 1437	005/14160		Muneko Otani	1	1/25
MPP 1437	006/13782		Richard Rood	1	1/25

MPP UN1439 Early Instruments: Harpsichord. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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MPP UN1441 Early Instruments: Viola da Gamba. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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MPP UN1443 Jazz Bass Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/99484		Ugonna Okegwu	1	4/25

Spring 2020: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/13784		Bradley Jones	1	0/25
MPP 1443	002/13785		Ugonna Okegwu	1	0/25

MPP UN1445 Jazz Bass (Electric) Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/99554		Leo Traversa	1	1/25

Spring 2020: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/13786		Leo Traversa	1	0/25

MPP UN1447 Jazz Guitar (Electric) Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/99449		Paul Bollenback	1	5/25
MPP 1447	002/39512		Leo Traversa	1	1/25

Spring 2020: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/13787		Paul Bollenback	1	2/25
MPP 1447	002/13789		Leo Traversa	1	0/25

MPP UN1449 Jazz Orchestration. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/99483		Ole Mathisen	1	0/25
MPP 1449	002/99482		Don Sickler	1	1/25

Spring 2020: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/13897		Ole Mathisen	1	0/25
MPP 1449	002/13898		Don Sickler	1	0/25

MPP UN1451 Jazz Percussion Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/99553		Anthony Moreno	1	0/25

MPP 1451	002/99552	Vince Cherico	1	2/25
MPP 1451	003/17323	Sylvia Cuenca	1	2/25

Spring 2020: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	002/13899		Vince Cherico	1	2/25
MPP 1451	033/13896		Sylvia Cuenca	1	1/25

MPP UN1453 Jazz Piano Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/99628		Bruce Barth	1	10/25
MPP 1453	002/99627		Victor Lin	1	6/25
MPP 1453	004/99625		Helen Sung	1	0/25

Spring 2020: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/13790		Bruce Barth	1	4/25
MPP 1453	002/13792		Victor Lin	1	0/25
MPP 1453	004/13793		Helen Sung	1	0/25

MPP UN1455 Jazz Saxophone Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/99481		Ole Mathisen	1	4/25

Spring 2020: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/13795		Ole Mathisen	1	1/25

MPP UN1457 Jazz Trombone Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/99551		John David Gibson	1	1/25

Spring 2020: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/13796		John David Gibson	1	1/25

MPP UN1459 Jazz Trumpet Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/99504		Don Sickler	1	3/25

Spring 2020: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/13798		Don Sickler	1	1/25

MPP UN1461 Jazz Voice Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/99480		Christine Correa	1	9/25

Spring 2020: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/13799		Christine Correa	1	3/25

MPP UN1511 Collegium Musicum. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/99550		Russell O'Rourke	1	6/25

Spring 2020: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/12325	M 7:00pm - 9:00pm Room TBA	Russell O'Rourke	1	5/100

MPP UN1521 University Orchestra . 2 points.

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) or on the CUO website: <http://cuo.music.columbia.edu/> Accepting NEW STUDENTS in FALL semester ONLY unless otherwise noted. All accepted MPP students must register for ensembles by the change-of-program deadline every semester in order to be allowed to participate. Petitioning students or students not able to register must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Weekly meetings with ensemble and end-of-semester performance required.

Fall 2019: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/99479	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	71/200

Spring 2020: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1521	001/13800	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	0/200
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MPP UN1531 Chamber Ensemble. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/99624		Maja Cerar	1	0/50
MPP 1531	002/99623		Arthur Kampela	1	0/50
MPP 1531	003/99622		Ian Sullivan	1	0/50
MPP 1531	004/99621		Magdalena Baczewska	1	14/24
MPP 1531	005/99620			1	0/50
MPP 1531	006/99619		Sarah Adams	1	8/50
MPP 1531	007/99618		Eliot Bailen	1	8/50
MPP 1531	008/99617		Allen Blustine	1	5/50
MPP 1531	009/99616		Vicki Bodner	1	0/50
MPP 1531	010/99615		Yari Bond	1	3/50
MPP 1531	011/99614		Maja Cerar	1	2/50
MPP 1531	012/99613		Kenneth Cooper	1	4/50
MPP 1531	013/99612		June Han	1	0/50
MPP 1531	014/99611		Sue Anne Kahn	1	4/50
MPP 1531	015/99610		Ah-ling Neu	1	0/50
MPP 1531	016/99609		Muneko Otani	1	13/50
MPP 1531	017/99608		Susan Palma-Nidel	1	2/50
MPP 1531	018/99607		Richard Rood	1	6/50
MPP 1531	019/99606		Susan Rotholz	1	6/50
MPP 1531	020/99605		Jessica Thompson	1	0/50
MPP 1531	021/99604		James Wilson	1	6/50
MPP 1531	022/18778		Dmitry Alexeev	1	4/5

Spring 2020: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	003/13801		Ian Sullivan	1	0/50
MPP 1531	004/13804	W 4:15pm - 5:30pm Room TBA	Magdalena Baczewska	1	4/24
MPP 1531	006/13806		Sarah Adams	1	2/50

MPP 1531	007/13807	Eliot Bailen	1	3/50
MPP 1531	008/13809	Allen	1	2/50
		Blustine		
MPP 1531	009/13811	Vicki	1	0/50
		Bodner		
MPP 1531	010/13814	Yari Bond	1	0/50
MPP 1531	011/13816	Maja Cerar	1	0/50
MPP 1531	012/13819	Kenneth	1	0/50
		Cooper		
MPP 1531	013/13850	June Han	1	0/50
MPP 1531	014/13852	Sue Anne	1	1/50
		Kahn		
MPP 1531	016/13853	Muneko	1	1/50
		Otani		
MPP 1531	017/13854	Susan	1	0/50
		Palma-Nidel		
MPP 1531	018/13855	Richard	1	1/50
		Rood		
MPP 1531	019/13857	Susan	1	4/50
		Rotholz		
MPP 1531	021/13858	James	1	3/50
		Wilson		
MPP 1531	022/13740	Dmitry	1	3/5
		Alexeev		

MPP UN1541 Columbia University Jazz Ensemble . 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/99478		Christine Correa	1	10/50
MPP 1541	002/99477		Bruce Barth	1	4/50
MPP 1541	003/99476		Bruce Barth	1	3/50
MPP 1541	004/99475		Vince Cherico	1	11/50
MPP 1541	005/99474		Victor Lin	1	4/50
MPP 1541	006/99473		Ole Mathisen	1	4/50
MPP 1541	007/99472		Ole Mathisen	1	4/50
MPP 1541	008/99471		Ole Mathisen	1	17/50
MPP 1541	009/99470		Don Sickler	1	10/50

Spring 2020: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/13859		Christine Correa	1	5/50
MPP 1541	002/13860		Bruce Barth	1	0/50
MPP 1541	003/13861		Bruce Barth	1	0/50

MPP 1541	004/13863	Vince Cherico	1	2/50
MPP 1541	005/13864	Victor Lin	1	4/50
MPP 1541	006/13865	Ole Mathisen	1	0/50
MPP 1541	007/13868	Ole Mathisen	1	0/50
MPP 1541	008/13879	Ole Mathisen	1	3/50
MPP 1541	009/13883	Don Sickler	1	3/50
MPP 1541	010/13887	Ole Mathisen	1	2/50

MPP UN1551 World Music Ensemble. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/99549		James Kerr	1	4/50
MPP 1551	002/99548		Louise Sasaki	1	3/50
MPP 1551	003/99547		James Schlefer	1	0/50
MPP 1551	004/99546		Masayo Tokue	1	2/50
MPP 1551	005/99545		Jeff Warschauer	1	1/50
MPP 1551	006/99544		Leo Traversa, Vince Cherico	1	7/50

Spring 2020: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/13888		James Kerr	1	0/50
MPP 1551	002/13889	Th 6:00pm - 7:30pm Room TBA	Louise Sasaki	1	2/50
MPP 1551	003/13890	Th 3:00pm - 4:30pm Room TBA	James Schlefer	1	0/50
MPP 1551	004/13892	Th 4:30pm - 6:00pm Room TBA	Masayo Tokue	1	0/50
MPP 1551	005/13893	M 7:30pm - 9:30pm Room TBA	Jeff Warschauer	1	1/50
MPP 1551	006/13894		Sebastian Cruz	1	4/50

SPRING 2020**MUSI UN1002 Fundamentals of Music. 3 points.**

Corequisites: Introductory Ear-Training (V1312, or higher, as determined by placement exam).

This course is an introduction to music, including notation, written and aural skills, and basic conceptual resources of music theory. Exploration of scale, mode, rhythm, meter, texture and form, with reference to a diverse range of musics.

Fall 2019: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/99603	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	25/24
MUSI 1002	002/99602	T Th 10:10am - 11:25am 814 Dodge Building	Katherine Balch	3	10/24

Spring 2020: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/12576	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	25/25
MUSI 1002	002/12577	T Th 10:10am - 11:25am 814 Dodge Building	Ian Sewell	3	10/25

HUMA UN1123 Masterpieces of Western Music. 3 points.

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

Fall 2019: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10418	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	002/10419	M W 8:40am - 9:55am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	003/10420	M W 8:40am - 9:55am 622 Dodge Building	Julia Hamilton	3	24/25
HUMA 1123	004/10421	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	005/10422	M W 10:10am - 11:25am 405 Dodge Building	Ralph Whyte	3	24/25
HUMA 1123	006/10423	M W 10:10am - 11:25am 716 Hamilton Hall	Julia Doe	3	25/25
HUMA 1123	007/10424	M W 1:10pm - 2:25pm 622 Dodge Building	Elaine Sisman	3	24/25
HUMA 1123	008/10425	M W 1:10pm - 2:25pm 716 Hamilton Hall	Christopher Washburne	3	25/25
HUMA 1123	009/10426	M W 2:40pm - 3:55pm 404 Dodge Building	Walter Frisch	3	22/25
HUMA 1123	010/10427	M W 2:40pm - 3:55pm 405 Dodge Building	Sean Colonna	3	25/25
HUMA 1123	011/10428	M W 2:40pm - 3:55pm 716 Hamilton Hall	Jonathan Ligrani	3	22/25
HUMA 1123	012/10429	M W 4:10pm - 5:25pm	Mariusz Kozak	3	22/25

HUMA 1123	013/10430	M W 4:10pm - 5:25pm 405 Dodge Building	Madeleine Turner	3	21/25
HUMA 1123	014/10431	M W 4:10pm - 5:25pm 716 Hamilton Hall	William Dougherty	3	23/25
HUMA 1123	015/10432	M W 6:10pm - 7:25pm 404 Dodge Building	Rachel Chung	3	24/25
HUMA 1123	016/10433	M W 6:10pm - 7:25pm 405 Dodge Building	Audrey Amsellem	3	21/25
HUMA 1123	017/10434	M W 6:10pm - 7:25pm 716 Hamilton Hall	Mike Ford	3	15/25
HUMA 1123	018/10435	T Th 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	24/25
HUMA 1123	019/10436	T Th 8:40am - 9:55am 622 Dodge Building	Thomas Fogg	3	23/25
HUMA 1123	020/10437	T Th 10:10am - 11:25am 404 Dodge Building	Thomas Fogg	3	25/25
HUMA 1123	021/10438	T Th 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	25/25
HUMA 1123	022/10439	T Th 10:10am - 11:25am 716 Hamilton Hall	Marilyn McCoy	3	24/25
HUMA 1123	023/10440	T Th 1:10pm - 2:25pm 404 Dodge Building	Joshua Navon	3	25/25
HUMA 1123	024/10441	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Sonja Wermager	3	24/25
HUMA 1123	025/10442	T Th 2:40pm - 3:55pm 404 Dodge Building	Magdalena Baczkowska	3	25/25
HUMA 1123	026/10443	T Th 2:40pm - 3:55pm 405 Dodge Building	Gabrielle Ferrari	3	23/25
HUMA 1123	027/10444	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Saad Haddad	3	23/25
HUMA 1123	028/10445	T Th 4:10pm - 5:25pm 404 Dodge Building	Joshua Navon	3	25/25
HUMA 1123	029/10446	T Th 4:10pm - 5:25pm 405 Dodge Building	Anne Levitsky	3	23/25
HUMA 1123	030/10447	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Mark Saccomano	3	22/25
HUMA 1123	031/10448	T Th 6:10pm - 7:25pm 404 Dodge Building	Demetrius Shahmehri	3	21/25
HUMA 1123	032/10449	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Ryan Pratt	3	24/25

Spring 2020: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/11175	M W 8:40am - 9:55am 404 Dodge Building		3	24/24

HUMA 1123	002/11176	M W 8:40am - 9:55am 405 Dodge Building	3	24/24
HUMA 1123	003/11177	M W 8:40am - 9:55am 622 Dodge Building	3	24/24
HUMA 1123	004/11178	M W 10:10am - 11:25am 404 Dodge Building	3	24/24
HUMA 1123	005/11179	M W 10:10am - 11:25am 405 Dodge Building	3	24/24
HUMA 1123	006/11180	M W 10:10am - 11:25am 716 Hamilton Hall	3	24/24
HUMA 1123	007/11184	M 1:10pm - 2:25pm 622 Dodge Building	3	24/24
HUMA 1123	008/11185	M W 1:10pm - 2:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	009/11205	M W 2:40pm - 3:55pm 404 Dodge Building	3	24/24
HUMA 1123	010/11206	M W 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	011/11207	M W 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	012/11208	M W 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	013/11209	M W 4:10pm - 5:25pm 405 Dodge Building	3	24/24
HUMA 1123	014/11210	M W 4:10pm - 5:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	015/11211	M W 6:10pm - 7:25pm 404 Dodge Building	3	24/24
HUMA 1123	016/11212	M W 6:10pm - 7:25pm 405 Dodge Building	3	24/24
HUMA 1123	017/11213	M W 6:10pm - 7:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	018/11215	T Th 8:40am - 9:55am 405 Dodge Building	3	24/24
HUMA 1123	019/11214	T Th 8:40am - 9:55am 622 Dodge Building	3	24/24
HUMA 1123	020/11216	T Th 10:10am - 11:25am 404 Dodge Building	3	24/24
HUMA 1123	021/11217	T Th 10:10am - 11:25am 405 Dodge Building	3	24/24
HUMA 1123	022/11218	T Th 10:10am - 11:25am 716 Hamilton Hall	3	24/24
HUMA 1123	023/11219	T Th 1:10pm - 2:25pm 404 Dodge Building	3	24/24
HUMA 1123	024/11220	T Th 1:10pm - 2:25pm	3	24/24

HUMA 1123	025/11221	T Th 2:40pm - 3:55pm 404 Dodge Building	3	24/24
HUMA 1123	026/11222	T Th 2:40pm - 3:55pm 405 Dodge Building	3	24/24
HUMA 1123	027/11223	T Th 2:40pm - 3:55pm 716 Hamilton Hall	3	24/24
HUMA 1123	028/11224	T Th 4:10pm - 5:25pm 404 Dodge Building	3	24/24
HUMA 1123	029/11225	T Th 4:10pm - 5:25pm 405 Dodge Building	3	24/24
HUMA 1123	030/11226	T Th 4:10pm - 5:25pm 716 Hamilton Hall	3	24/24
HUMA 1123	031/11227	T Th 6:10pm - 7:25pm 404 Dodge Building	3	24/24
HUMA 1123	032/11228	T Th 6:10pm - 7:25pm 716 Hamilton Hall	3	24/24

MUSI UN1312 Introductory Ear Training. 1 point.

This course is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfege recitation, and sight-singing simple melodies.

Fall 2019: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/99463	M W 12:10pm - 1:00pm 404 Dodge Building	Sadie Dawkins	1	7/12
MUSI 1312	002/99462	T Th 3:10pm - 4:00pm 620 Dodge Building	Martha Sullivan	1	5/12

Spring 2020: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/12578	M W 12:10pm - 1:00pm 404 Dodge Building		1	0/12
MUSI 1312	002/12579	T Th 3:10pm - 4:00pm 620 Dodge Building		1	0/12

MUSI UN1518 Keyboard Harmony and Musicianship. 1 point.

Prerequisites: Instructor Permission

One-on-one piano instruction with an emphasis on harmony and sight-reading. Open only to Music Theory students who do not pass the piano proficiency test.

Fall 2019: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/99601		Michael Skelly	1	3/12

Spring 2020: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 1518 001/12326 Michael Skelly 1 6/12

MUSI UN2205 Introduction to Digital Music (Previously called MIDI Music Production Techniques). 3 points.

Prerequisites: Permission of Instructor required to enroll. Music Majors/Music Concentrations have priority for enrollment. An introduction to the potential of digital synthesis and signal processing. Teaches proficiency in elementary and advanced digital audio techniques. Challenges some of the assumptions about music built into various interfaces and fosters a creative approach to using DAW software and machines.

Fall 2019: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/99542	T Th 1:10pm - 2:25pm 320h Prentiss Hall	Bradford Garton	3	15/18

Spring 2020: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/12328	T Th 1:10pm - 2:25pm 320h Prentiss Hall	Danielle Dobkin	3	0/18

MUSI UN2314 Ear Training, I. 1 point.

Designed to improve the student's basic skills in sight-singing, and rhythmic and melodic dictation with an introduction to four-part harmonic dictation.

Fall 2019: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/99459	M W 12:10pm - 1:00pm 405 Dodge Building	Eric Martin	1	9/12
MUSI 2314	002/99458	T Th 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	7/12

Spring 2020: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/12330	M W 12:10pm - 1:00pm 405 Dodge Building		1	2/12
MUSI 2314	002/12331	T Th 3:10pm - 4:00pm 803 Dodge Building		1	0/12

MUSI UN2315 Ear Training, II. 1 point.

Techniques of sight-singing and dictation of diatonic melodies in simple and compound meter with strong emphasis on harmonic dictation.

Fall 2019: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/99541	M W 3:10pm - 4:00pm 814 Dodge Building	Peter Susser	1	8/12
MUSI 2315	002/99540	T Th 12:10pm - 1:00pm 814 Dodge Building	Rowland Moseley	1	5/12

Spring 2020: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/12332	M W 3:10pm - 4:00pm 814 Dodge Building		1	3/12
MUSI 2315	002/12334	T Th 12:10pm - 1:00pm 814 Dodge Building		1	6/12

MUSI UN2318 Music Theory I. 3 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Fundamentals of Music/UN1002. Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/99457	M W 1:10pm - 2:25pm 404 Dodge Building	Galen DeGraf	3	12/16
MUSI 2318	002/99456	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	9/16

Spring 2020: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/12335	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3	4/16

MUSI UN2319 Music Theory II. 3 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Music Theory I/UN2318. Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.) Elementary analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/99502	M W 1:10pm - 2:25pm 405 Dodge Building	Benjamin Steege	3	11/16

Spring 2020: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/12548	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	1/16
MUSI 2319	002/12549	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	0/16

MUSI UN2500 Women and Music. 3 points.

This course explores the relationship between women, music, and performance from a thematic and a cross-cultural perspective.

Through the analysis of different case studies, we will investigate different topics from the perspective of ethnomusicology, cultural anthropology, and performance studies. A number of critical questions we will consider include: how does a particular gender ideology constructs and is constructed by musical aesthetics? What are some of the critical roles for women in performance? What is the significance of gender in performances? What does it mean for women to have have and to be the voice? And how is a musical performance bound up with emotions?

Spring 2020: MUSI UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2500	001/12580	M W 4:10pm - 5:25pm 622 Dodge Building	Alessandra Ciucci	3	15/20

MUSI UN3129 History of Western Music II: Classical To the 20th Century. 3 points.

Prerequisites: *MUSI V2318-2319*. May be taken before or concurrently with this course.

Topics in Western music from the Classical era to the present day, focusing on the development of musical style and thought, and on analysis of selected works.

Spring 2020: MUSI UN3129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3129	001/12554	T Th 2:40pm - 3:55pm 622 Dodge Building	Julia Doe	3	14/35

MUSI UN3138 The music of Brahms. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: *HUMA W1123* or the equivalent, and the ability to read musical notation.

Survey of the music of Brahms, examining a wide range of genres as well as his historical and cultural position.

Spring 2020: MUSI UN3138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3138	001/12583	M W 2:40pm - 3:55pm 622 Dodge Building	Walter Frisch	3	7/25

MUSI UN3239 Introduction to Composition. 3 points.

Composition in shorter forms. Basic issues of musical structure and expression are explored in traditional and contemporary repertory. Readings of student works.

Spring 2020: MUSI UN3239

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3239	001/12555	T Th 1:10pm - 2:25pm 620 Dodge Building	Mahir Cetiz	3	12/12

MUSI UN3316 Ear Training, III. 1 point.

Sight-singing techniques of modulating diatonic melodies in simple, compound, or irregular meters that involve complex

rhythmic patterns. Emphasis is placed on four-part harmonic dictation of modulating phrases.

Fall 2019: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/99598	M W 12:10pm - 1:00pm 620 Dodge Building	Rowland Moseley	1	10/12
MUSI 3316	002/99597	T Th 3:10pm - 4:00pm 814 Dodge Building	Ramin Amir Arjomand	1	8/12

Spring 2020: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/12556	M W 12:10pm - 1:00pm 620 Dodge Building		1	3/12
MUSI 3316	002/12557	T Th 3:10pm - 4:00pm 814 Dodge Building		1	4/12

MUSI UN3317 Ear Training, IV. 1 point.

Techniques of musicianship at the intermediate level, stressing the importance of musical nuances in sight-singing. Emphasis is placed on chromatically inflected four-part harmonic dictation.

Fall 2019: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/99538	M W 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	6/12
MUSI 3317	002/99537	T Th 4:10pm - 5:00pm 622 Dodge Building	Ramin Amir Arjomand	1	3/12

Spring 2020: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/12559	M W 3:10pm - 4:00pm 803 Dodge Building		1	7/12
MUSI 3317	002/12560	T Th 4:10pm - 5:00pm 622 Dodge Building		1	6/12

AHMM UN3320 Introduction To the Musics of East Asia and Southeast Asia. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A topical approach to the concepts and practices of music in relation to other arts in the development of Asian civilizations.

Spring 2020: AHMM UN3320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3320	001/12321	M W 6:10pm - 7:25pm 620 Dodge Building	Rachel Chung	3	28/25
AHMM 3320	002/12322	M W 6:10pm - 7:25pm 622 Dodge Building	Hicham Chami	3	28/25

AHMM 003/12324 T Th 10:10am - Yun Wang 3 25/25
3320 11:25am
622 Dodge Building

MUSI UN3321 Music Theory III. 3 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Intermediate analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/99448	M W 1:10pm - 2:25pm 620 Dodge Building	Joseph Dubiel	3	5/16

Spring 2020: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/12582	M W 1:10pm - 2:25pm 620 Dodge Building	Marc Hannaford	3	11/16

MUSI UN3322 Music Theory IV. 3 points.

Prerequisites: Music Theory II/UN3321

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV.

Fall 2019: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/99453	T Th 1:10pm - 2:25pm 622 Dodge Building	Marc Hannaford	3	11/16

Spring 2020: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/12564	T Th 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3	5/16

MUSI UN3343 Shades of Brown: Music in the South Asian Diaspora. 3 points.

This course explores the musical world of the South Asian diaspora in Europe and North America. We will read ethnographic accounts of diasporic musics and experiences and develop methods for analysis and interpretation of such accounts, situating the songs of the South Asian diaspora within its broader social history. We will address the concepts of belonging and identity, nostalgia and affect, and the dismantling or upholding of dominant discourses such as gender, race, and caste. Our focus will be on the last half century, although deeper histories will need to be considered. Students will learn to analyze instrumentation and lyrics in various genres and traditions of South Asian music, including both art, folkloric, and popular idioms, and to correlate

these with aspects of the social context of diaspora. While the specific focus of the course is on a particular diasporic history, the class will help students understand and think critically about the broader phenomenon of “diaspora” and its cultural dimensions, and through this to engage critically with important aspects of cultural globalization and migration.

Students from all departments are welcome. Reading music not required.

Spring 2020: MUSI UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3343	001/12586	M W 11:40am - 12:55pm 814 Dodge Building	Nandini Banerjee	3	6/15

MUSI UN3346 REIMAGINING RESISTANCE:SOUND AS SUBVERSION IN 20TH & 21ST CENTURY AMERICAN EXPERIMENTALISM. 3 points.

How can composers and musicians push back against inequality and injustice through their creative practice? How can they reimagine, through sound, a more equal, compassionate, collaborative, critically engaged, and humanistic society? How can they critique and transcend categories of race, gender, class, and sexuality to create music that looks to new, more open and egalitarian forms of music making, reframing problematic hierarchies inherited from 19th century Europe? In this survey, students will investigate how 20th and 21st century American experimentalist composers engage with these questions — questions which are particularly pressing today. Students will examine how composers like John Cage, Ruth Crawford Seeger, Ornette Coleman, and Pauline Oliveros resisted stylistic, philosophical, and institutional conventions to form subversive creative and intellectual strands that continue to undergird the American musical landscape today. By examining networks of actors (composers, venues, critics, publications, performers, events) including groups such as the Sonic Arts Union, the Composers’ Collective, the Jazz Composer’s Guild, Wandelweiser, Fluxus, and Musica Elettronica Viva, students will explore the unique and complex topology of experimental music communities in the United States and the subversive threads that tie them together. Race, gender, class, and sexuality mark these networks, and will feature prominently in our analyses. Students will engage with sound/video recordings and primary source texts alongside contemporary scholarship including critical, ethnographic, and journalistic sources. There are no prerequisites required for this course, but HUMA UN1123 (“Music Humanities”) is highly recommended.

Spring 2020: MUSI UN3346

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3346	001/12585	T Th 11:40am - 12:55pm 405 Dodge Building	William Dougherty	3	7/15

MUSI UN3400 Topics in Music and Society. 3 points.

Music Majors and Concentrators.

This course seeks to approach the study of music and society by comparatively studying repertoires from different parts of the world, how the history of ideas and methods of studying such repertoires shaped them, the practices that constitute them and the ways they are understood and used by different peoples.

Central to this course is the interrelationship between the constitution of a repertoire and the history of the construction of knowledge about it.

Fall 2019: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/99469	T Th 4:10pm - 5:25pm 814 Dodge Building	Kevin Fellezs	3	11/35

Spring 2020: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/12584	T Th 4:10pm - 5:25pm 814 Dodge Building	Farzad Amoozegar-Fassaie	3	15/35

MUSI UN3996 Honors Research. 3 points.

Open to honors candidates in music only.

Prerequisites: a formal proposal to be submitted and approved prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision, leading to completion of an honors essay, composition, or the equivalent.

Spring 2020: MUSI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3996	002/19936		Alessandra Ciucci	3	0/5
MUSI 3996	004/19939		Julia Doe	3	0/5
MUSI 3996	005/19940		Joseph Dubiel	3	0/5
MUSI 3996	006/19941		Kevin Fellezs	3	0/5
MUSI 3996	007/19942		Aaron Fox	3	0/5
MUSI 3996	008/19943		Walter Frisch	3	0/5
MUSI 3996	009/19945		Bradford Garton	3	0/5
MUSI 3996	013/19949		Mariusz Kozak	3	0/5
MUSI 3996	014/19950		George Lewis	3	0/5
MUSI 3996	015/19951		Jeffrey Milarsky	3	0/5
MUSI 3996	017/19952		Elaine Sisman	3	0/5
MUSI 3996	018/19953		Benjamin Steege	3	0/5
MUSI 3996	019/19954		Magdalena Baczevska	3	0/5
MUSI 3996	020/19955		Peter Susser	3	0/5
MUSI 3996	021/19956		Christopher Washburne	3	0/5

MUSI UN3999 Supervised Independent Study. 3 points.

Prerequisites: approval prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision.

Spring 2020: MUSI UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3999	002/20010		Alessandra Ciucci	3	0/5
MUSI 3999	004/20011		Julia Doe	3	0/5
MUSI 3999	005/20012		Joseph Dubiel	3	0/5
MUSI 3999	006/20013		Kevin Fellezs	3	0/5
MUSI 3999	007/20014		Aaron Fox	3	0/5
MUSI 3999	008/20015		Walter Frisch	3	0/5
MUSI 3999	009/20017		Bradford Garton	3	0/5
MUSI 3999	013/20018		Mariusz Kozak	3	0/5
MUSI 3999	014/20019		George Lewis	3	0/5
MUSI 3999	015/20021		Jeffrey Milarsky	3	0/5
MUSI 3999	017/20024		Elaine Sisman	3	0/5
MUSI 3999	018/20025		Benjamin Steege	3	0/5
MUSI 3999	019/20026		Magdalena Baczevska	3	0/5
MUSI 3999	020/20027		Peter Susser	3	0/5
MUSI 3999	021/20028		Christopher Washburne	3	0/5

MUSI GU4109 Music, Musicians and Mobility in the Early Modern Period. 3 points.

In the early modern period—here roughly limited to the fifteenth through early seventeenth century—the Western idea of the world underwent two contrasting, but equally fundamental shifts. On the one hand, the known world expanded in unprecedented and entirely unexpected ways. At the same time, on the other hand, Europe itself splintered dramatically along conflicting religious lines that would shape politics and warfare for centuries after, erecting barriers and boundaries where they previously did not exist. This course studies the effect of these changes on music, through the lens of mobility, understood in various ways, both social and physical.

Spring 2020: MUSI GU4109

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4109	001/12593	M 4:10pm - 6:00pm 620 Dodge Building	David Burn	3	1/12

MUSI GU4308 Theory and Analysis of Jazz and Improvisation. 3 points.

This course explores diverse approaches to analyzing jazz and improvisation. Students will engage with analytical methods stemming from both scholars and improvisers, learn to apply traditional analytical approaches, examine critical issues

underlying them, and develop new applications of heretofore underexamined ones. We will focus alternatively on harmony, solos, interaction, cognition, rhythm, and pedagogy, among other issues, and the survey will afford students insight into the priorities, methodologies, outcomes, and shortcomings of each of them. Additionally, the course covers theoretical texts produced by improvising musicians, as well as instances where improvisers engage with preexisting theoretical texts. Finally, we will also examine intersections between identity—encompassing issues such as race, ethnicity, gender, and class among others—and music theory. We will investigate characterizations of music theory, composition, and improvisation in terms of identity and suggest ways that we might incorporate the diverse range of theorists and analysts in our course into larger intellectual and musical histories.

Spring 2020: MUSI GU4308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4308	001/12591	T Th 11:40am - 12:55pm 404 Dodge Building	Marc Hannaford	3	25/25

MUSI GU4319 Ear-Training VI. 1 point.

Advanced dictation, sight singing, and musicianship, with emphasis on 20th-century music.

Spring 2020: MUSI GU4319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4319	001/12589	M W 12:10pm - 1:00pm 803 Dodge Building	Peter Susser	1	4/12

MUSI GU4325 Introduction to Cognitive Musicology. 3 points.

This course is an introduction to a variety of key topics in the field of cognitive musicology, including human development, evolution, neural processing, embodied knowledge, memory and anticipation, cross-cultural perspectives, and emotions. The course explores recent research on these topics, as well as ways in which this research can be applied to music scholarship.

Spring 2020: MUSI GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4325	001/13737	M 10:10am - 12:00pm 622 Dodge Building	Mariusz Kozak	3	10/20

MUSI GU4406 Acoustic Ecologies. 3 points.

This course explores the relationship between music, sound and the environment from a cross cultural perspective. We will explore notions such as acoustic ecology, ambient sound, soundscape and acoustemology, ecomusicology and the relation between sound, climate change, and the anthropocene. We will also address how different cultures conceive of the changing relations between sounding and environment and how these are linked to decolonial struggles.

Spring 2020: MUSI GU4406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4406	001/12592	W 3:10pm - 5:00pm 701c Dodge Building	Ana Maria Ochoa	3	15/15

MUSI GU4425 Sounding Islam. 3 points.

The objective of this course is to explore the relationship between sound, music and Islam and, in doing so, to focus on a philosophy of listening (*sama'*) which is deeply embedded in the experiential. The course aims to analyze how sound and music directly or indirectly associated with Islam are produced, circulated, and listened to by a wide variety of audiences in local and transnational settings; to explore the ways in which multiple sonic dimensions of Islam have affected the public sphere in different historical moments and contexts (particular in relation to ideas about nationalism, secularism and modernity); and to examine the effect of these sonic dimensions on Muslim and non-Muslim listeners in a local and a transnational perspective.

Spring 2020: MUSI GU4425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4425	001/12590	Th 2:10pm - 4:00pm 701c Dodge Building	Alessandra Ciucci	3	2/15

MUSI GU4515 Conducting Music. 3 points.

Prerequisites: advanced music major and extensive contemporary music background.

Analysis of the modern repertory of contemporary music with directional emphasis on actual conducting preparation, beating patterns, rhythmic notational problems, irregular meters, communication, and transference of musical ideas. Topics will include theoretical writing on 20th-century conducting, orchestration, and phrasing.

Spring 2020: MUSI GU4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4515	001/12587	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3	6/15

MUSI GU4630 Recorded Sound. 3 points.

Prerequisites: The instructor's permission.

As music moves into the 21st century, we find ourselves surrounded by an ever-evolving landscape of technological capability. The world of music, and the music industry itself, is changing rapidly, and with that change comes the opening – and closing – of doorways of possibility. What does this shift mean for today's practicing artist or composer? With big label recording studios signing and nurturing fewer and fewer artists, it seems certain that, today, musicians who want to record and distribute their music need to be able to do much of the recording and production work on their own. But where does one go to learn how to do this – to learn not only the “how to” part of music production, but the historical underpinnings and the development of the music production industry as well? How does one develop

a comprehensive framework within which they can place their own artistic efforts? How does one learn to understand what they hear, re-create what they like and develop their own style?

This class, "Recorded Sound," aims to be the answer. Its goal is to teach artists how to listen critically to music from across history and genres in order to identify the production techniques that they hear, and reproduce those elements using modern technology so they can be incorporated into the artist's own musical works.

Fall 2019: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/39504	M 1:10pm - 4:00pm 317h Prentis Hall	David Adamcyk	3	12/15

Spring 2020: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/12588	M 3:10pm - 6:00pm 317 Prentis Hall	David Bird	3	0/15

MPP UN1401 Bassoon Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website in August: mpp.music.columbia.edu

Fall 2019: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/99632		Mark Timmerman	1	3/25

Spring 2020: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/13730		Mark Timmerman	1	0/25

MPP UN1403 Cello Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website: mpp.music.columbia.edu

Fall 2019: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/99499		Eliot Bailen	1	2/25
MPP 1403	002/99498		Yari Bond	1	3/25

MPP 1403	003/99497		James Wilson	1	0/25
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Spring 2020: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/13731		Eliot Bailen	1	1/25
MPP 1403	002/13732		Yari Bond	1	1/25
MPP 1403	003/13734		James Wilson	1	0/25

MPP UN1405 Clarinet Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/99567		Allen Blustine	1	0/25

Spring 2020: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/13735		Allen Blustine	1	0/25

MPP UN1407 Classical Saxophone Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1407	001/99505		Paul Cohen	1	0/25

MPP UN1409 Flute Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons

and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/99496		Sue Anne Kahn	1	1/25
MPP 1409	002/99495		Susan Palma-Nidel	1	3/25
MPP 1409	003/99494		Susan Rotholz	1	1/25

Spring 2020: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/13736		Sue Anne Kahn	1	1/25
MPP 1409	002/13738		Susan Palma-Nidel	1	1/25
MPP 1409	003/13739		Susan Rotholz	1	1/25

MPP UN1411 French Horn Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/99566		Brad Gemeinhardt	1	1/25

MPP UN1413 Guitar (Bluegrass) Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/99493		James Kerr	1	0/25

Spring 2020: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/13741		James Kerr	1	0/25

MPP UN1415 Guitar (Classical) Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1415	001/99631		Arthur Kampela	1	0/25

MPP UN1417 Harp Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/99492		June Han	1	3/25

Spring 2020: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/13743		June Han	1	1/25

MPP UN1419 Oboe Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/99565		Vicki Bodner	1	1/25

Spring 2020: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/13744		Vicki Bodner	1	0/25

MPP UN1421 Organ Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu/) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/99450		Paul Martin Maki	1	1/25

Spring 2020: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/13745		Paul Martin Maki	1	0/25

MPP UN1423 Percussion Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/99491		Ian Sullivan	1	1/25

Spring 2020: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/13746		Ian Sullivan	1	0/25

MPP UN1425 Piano Instruction. 1 point.

Prerequisites: Signup 109/110 Dodge Sept 4&5; ALL LEVELS; \$300 LESSON FEE

Required: Meet with instructors September 4 and 5 for placement in 109 Dodge Hall. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/99564		Michael Skelly	1	51/100
MPP 1425	002/99563		Dmitry Alexeev	1	31/50
MPP 1425	003/99562		Reiko Uchida	1	12/50

Spring 2020: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/13747		Michael Skelly	1	0/100
MPP 1425	002/13749		Dmitry Alexeev	1	0/50
MPP 1425	003/13752		Reiko Uchida	1	0/50

MPP UN1427 String Bass Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/99630		Lou Kosma	1	0/25

MPP UN1429 Trombone Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1429 001/99490 Michael Seltzer 1 2/25

Spring 2020: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/13755		Michael Seltzer	1	0/25

MPP UN1431 Trumpet Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/99561		Gareth Flowers	1	0/25

MPP UN1433 Tuba Instruction. 1 point.

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1433

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1433	001/99571		Raymond Stewart	1	0/25

MPP UN1435 Viola Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/99489		Sarah Adams	1	2/25
MPP 1435	002/99488		Ah-ling Neu	1	2/25
MPP 1435	003/99487		Jessica Thompson	1	2/25

Spring 2020: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/13766		Sarah Adams	1	1/25
MPP 1435	002/13768		Ah-ling Neu	1	2/25
MPP 1435	003/13776		Jessica Thompson	1	0/25

MPP UN1437 Violin Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/99560		Cyrus Beroukchim	1	4/25
MPP 1437	002/99559		Maja Cerar	1	4/25
MPP 1437	004/99557		Lisa Kim	1	0/25
MPP 1437	005/99556		Muneko Otani	1	3/25
MPP 1437	006/99555		Richard Rood	1	4/25

Spring 2020: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/13777		Cyrus Beroukchim	1	3/25
MPP 1437	002/13780		Maja Cerar	1	1/25
MPP 1437	004/13781		Lisa Kim	1	0/25
MPP 1437	005/14160		Muneko Otani	1	1/25
MPP 1437	006/13782		Richard Rood	1	1/25

MPP UN1439 Early Instruments: Harpsichord. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (http://www.mpp.music.columbia.edu) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons

and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1441 Early Instruments: Viola da Gamba. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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MPP UN1443 Jazz Bass Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/99484		Ugonna Okegwo	1	4/25

Spring 2020: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/13784		Bradley Jones	1	0/25
MPP 1443	002/13785		Ugonna Okegwo	1	0/25

MPP UN1445 Jazz Bass (Electric) Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1445 001/99554 Leo Traversa 1 1/25

Spring 2020: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/13786		Leo Traversa	1	0/25

MPP UN1447 Jazz Guitar (Electric) Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/99449		Paul Bollenback	1	5/25
MPP 1447	002/39512		Leo Traversa	1	1/25

Spring 2020: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/13787		Paul Bollenback	1	2/25
MPP 1447	002/13789		Leo Traversa	1	0/25

MPP UN1449 Jazz Orchestration. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/99483		Ole Mathisen	1	0/25
MPP 1449	002/99482		Don Sickler	1	1/25

Spring 2020: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/13897		Ole Mathisen	1	0/25
MPP 1449	002/13898		Don Sickler	1	0/25

MPP UN1451 Jazz Percussion Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/99553		Anthony Moreno	1	0/25
MPP 1451	002/99552		Vince Cherico	1	2/25
MPP 1451	003/17323		Sylvia Cuenca	1	2/25

Spring 2020: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	002/13899		Vince Cherico	1	2/25
MPP 1451	033/13896		Sylvia Cuenca	1	1/25

MPP UN1453 Jazz Piano Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu
Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/99628		Bruce Barth	1	10/25
MPP 1453	002/99627		Victor Lin	1	6/25
MPP 1453	004/99625		Helen Sung	1	0/25

Spring 2020: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/13790		Bruce Barth	1	4/25
MPP 1453	002/13792		Victor Lin	1	0/25
MPP 1453	004/13793		Helen Sung	1	0/25

MPP UN1455 Jazz Saxophone Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu
Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program

deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/99481		Ole Mathisen	1	4/25

Spring 2020: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/13795		Ole Mathisen	1	1/25

MPP UN1457 Jazz Trombone Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu
Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/99551		John David Gibson	1	1/25

Spring 2020: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/13796		John David Gibson	1	1/25

MPP UN1459 Jazz Trumpet Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu
Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/99504		Don Sickler	1	3/25

Spring 2020: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/13798		Don Sickler	1	1/25

MPP UN1461 Jazz Voice Instruction. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2019: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/99480		Christine Correa	1	9/25

Spring 2020: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/13799		Christine Correa	1	3/25

MPP UN1511 Collegium Musicum. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu/>) Accepting NEW STUDENTS in FALL semester ONLY. \$250 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/99550		Russell O'Rourke	1	6/25

Spring 2020: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/12325	M 7:00pm - 9:00pm Room TBA	Russell O'Rourke	1	5/100

MPP UN1521 University Orchestra . 2 points.

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu/>) or on the CUO website: <http://cuo.music.columbia.edu/> Accepting NEW STUDENTS in FALL semester ONLY unless otherwise noted. All accepted MPP students must register for ensembles by the change-of-program deadline every semester in order to be allowed to participate. Petitioning students or students not able to register must notify

MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Weekly meetings with ensemble and end-of-semester performance required.

Fall 2019: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/99479	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	71/200

Spring 2020: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/13800	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	0/200

MPP UN1531 Chamber Ensemble. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/99624		Maja Cerar	1	0/50
MPP 1531	002/99623		Arthur Kampela	1	0/50
MPP 1531	003/99622		Ian Sullivan	1	0/50
MPP 1531	004/99621		Magdalena Baczewska	1	14/24
MPP 1531	005/99620			1	0/50
MPP 1531	006/99619		Sarah Adams	1	8/50
MPP 1531	007/99618		Eliot Bailen	1	8/50
MPP 1531	008/99617		Allen Blustine	1	5/50
MPP 1531	009/99616		Vicki Bodner	1	0/50
MPP 1531	010/99615		Yari Bond	1	3/50
MPP 1531	011/99614		Maja Cerar	1	2/50
MPP 1531	012/99613		Kenneth Cooper	1	4/50
MPP 1531	013/99612		June Han	1	0/50
MPP 1531	014/99611		Sue Anne Kahn	1	4/50
MPP 1531	015/99610		Ah-ling Neu	1	0/50
MPP 1531	016/99609		Muneko Orani	1	13/50
MPP 1531	017/99608		Susan Palma-Nidel	1	2/50
MPP 1531	018/99607		Richard Rood	1	6/50
MPP 1531	019/99606		Susan Rotholz	1	6/50
MPP 1531	020/99605		Jessica Thompson	1	0/50

MPP 1531	021/99604		James Wilson	1	6/50
MPP 1531	022/18778		Dmitry Alexeev	1	4/5

Spring 2020: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	003/13801		Ian Sullivan	1	0/50
MPP 1531	004/13804	W 4:15pm - 5:30pm Room TBA	Magdalena Baczewska	1	4/24
MPP 1531	006/13806		Sarah Adams	1	2/50
MPP 1531	007/13807		Eliot Bailen	1	3/50
MPP 1531	008/13809		Allen Blustine	1	2/50
MPP 1531	009/13811		Vicki Bodner	1	0/50
MPP 1531	010/13814		Yari Bond	1	0/50
MPP 1531	011/13816		Maja Cerar	1	0/50
MPP 1531	012/13819		Kenneth Cooper	1	0/50
MPP 1531	013/13850		June Han	1	0/50
MPP 1531	014/13852		Sue Anne Kahn	1	1/50
MPP 1531	016/13853		Muneko Otani	1	1/50
MPP 1531	017/13854		Susan Palma-Nidel	1	0/50
MPP 1531	018/13855		Richard Rood	1	1/50
MPP 1531	019/13857		Susan Rotholz	1	4/50
MPP 1531	021/13858		James Wilson	1	3/50
MPP 1531	022/13740		Dmitry Alexeev	1	3/5

MPP UN1541 Columbia University Jazz Ensemble . 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2019: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/99478		Christine Correa	1	10/50
MPP 1541	002/99477		Bruce Barth	1	4/50
MPP 1541	003/99476		Bruce Barth	1	3/50
MPP 1541	004/99475		Vince Cherico	1	11/50
MPP 1541	005/99474		Victor Lin	1	4/50
MPP 1541	006/99473		Ole Mathisen	1	4/50
MPP 1541	007/99472		Ole Mathisen	1	4/50

MPP 1541	008/99471		Ole Mathisen	1	17/50
MPP 1541	009/99470		Don Sickler	1	10/50

Spring 2020: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/13859		Christine Correa	1	5/50
MPP 1541	002/13860		Bruce Barth	1	0/50
MPP 1541	003/13861		Bruce Barth	1	0/50
MPP 1541	004/13863		Vince Cherico	1	2/50
MPP 1541	005/13864		Victor Lin	1	4/50
MPP 1541	006/13865		Ole Mathisen	1	0/50
MPP 1541	007/13868		Ole Mathisen	1	0/50
MPP 1541	008/13879		Ole Mathisen	1	3/50
MPP 1541	009/13883		Don Sickler	1	3/50
MPP 1541	010/13887		Ole Mathisen	1	2/50

MPP UN1551 World Music Ensemble. 1 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu (<http://www.mpp.music.columbia.edu>) Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2019: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/99549		James Kerr	1	4/50
MPP 1551	002/99548		Louise Sasaki	1	3/50
MPP 1551	003/99547		James Schlefer	1	0/50
MPP 1551	004/99546		Masayo Tokue	1	2/50
MPP 1551	005/99545		Jeff Warschauer	1	1/50
MPP 1551	006/99544		Leo Traversa, Vince Cherico	1	7/50

Spring 2020: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/13888		James Kerr	1	0/50
MPP 1551	002/13889	Th 6:00pm - 7:30pm Room TBA	Louise Sasaki	1	2/50
MPP 1551	003/13890	Th 3:00pm - 4:30pm Room TBA	James Schlefer	1	0/50
MPP 1551	004/13892	Th 4:30pm - 6:00pm Room TBA	Masayo Tokue	1	0/50
MPP 1551	005/13893	M 7:30pm - 9:30pm Room TBA	Jeff Warschauer	1	1/50

MPP 1551 006/13894

Sebastian 1 4/50
Cruz

OF RELATED INTEREST

PHILOSOPHY

Departmental Office: 708 Philosophy; 212-854-3196
[www.philosophy.columbia.edu](http://philosophy.columbia.edu) (<http://philosophy.columbia.edu/>)

Director of Undergraduate Studies: Christia Mercer,
 707 Philosophy; 212-854-4884; cm50@columbia.edu
 (da5@columbia.edu)

Economics-Philosophy Adviser: Philip Kitcher, 717 Philosophy;
 212-854-4884; psk16@columbia.edu

Students interested in philosophy may pursue a major either in philosophy or in economics-philosophy. Because philosophy treats issues fundamental to both the sciences and the humanities, students are also welcome to combine their philosophy major with work in other fields. Before declaring a major in philosophy or economics-philosophy, and before deciding to combine philosophy with another discipline, students should meet with the director of undergraduate studies to formulate the program best for them.

Philosophy majors are given a foundation in logic and philosophical methodology, and are asked to confront fundamental questions in the main areas of philosophy: epistemology and metaphysics, ethics and political philosophy, philosophy of mind and language, and history of philosophy. The department requires that all majors take at least one seminar (PHIL UN3912), designed to allow students to focus on particular philosophical issues or texts in greater depth. Outstanding seniors may also pursue their own philosophical project in a senior thesis.

Over and above the courses required of all majors, there is room for considerable flexibility. Through an appropriate choice of electives from among the department's offerings (and from related courses in other departments), there are special opportunities for focusing more intensively on one or two subfields of philosophy, e.g., logic and the philosophy of mathematics, philosophy of science, ethics and political philosophy, or the history of philosophy. Students should consult with the director of undergraduate studies on how best to pursue such programs.

STUDY ABROAD: REID HALL, PARIS

For information on the Columbia in Paris Program at Reid Hall, including summer courses, consult the *Columbia University in Paris Bulletin* (available in 606 Kent and online at the Office of Global Programs (<http://ogp.columbia.edu/>) website), call 212-854-2559, or send an email to reidhall@columbia.edu. For information on applicability of Reid Hall courses to the major or concentration, consult the director of undergraduate studies.

GRADING

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

SENIOR THESIS

Undergraduates majoring in Philosophy or Economics-Philosophy may propose to write a senior thesis. Students who wish to write a thesis should approach a faculty member at the end of their junior or beginning of their senior year, and begin working on the proposal early in the fall semester of their senior year. Proposals are due in early December, and will be reviewed by a committee which will include the Director of Undergraduate Studies; students will be notified of the committee's decision within two weeks. Students whose proposals are approved should register for their faculty advisor's section of Supervised Independent Research for the spring term of the senior year. Theses are due in early April.

Students who have a grade point average of 3.6 or above in the major and who complete a thesis will be placed into consideration for departmental honors, though any senior may complete a thesis regardless of their grade point average (upon approval of the proposal).

See the full policy and procedure concerning senior theses on the departmental webpage:

<http://philosophy.columbia.edu/content/senior-thesis-philosophy>
 (<http://philosophy.columbia.edu/content/senior-thesis-philosophy/>)

DEPARTMENTAL HONORS

Departmental honors are highly competitive. Normally no more than 10% of the majors graduating in the department each year will receive departmental honors.

In order to qualify for departmental honors in philosophy, a student must have a grade point average of at least 3.6 in the major.

For students with a GPA of 3.6 or above, there are two possible routes to consideration:

1. A student may complete a senior thesis; those students who complete senior theses will automatically be considered for honors without having to be nominated.
2. A student may be nominated by a faculty member early in the spring semester of the senior year; nominated students will be invited to submit a writing sample at least 15 pages in length. A nominated student who is also writing a thesis may submit their thesis as the writing sample, or may choose to submit a different work.

Both the senior theses and writing samples are due in early April. The departmental honors committee will then review the submitted material and the academic records of the writers, and will report to the full faculty.

The full faculty will then decide which students to recommend for departmental honors to the Columbia College and General Studies administrations.

PROFESSORS

David Albert
Akeel Bilgrami
Taylor Carman (Barnard)
Haim Gaifman
Lydia Goehr
Robert Gooding-Williams
Axel Honneth
Jenann Ismael
Patricia Kitcher
Philip Kitcher
Wolfgang Mann
Christia Mercer
Michele Moody-Adams
John Morrison (Barnard)
Fred Neuhouser (Barnard)
Christopher Peacocke
Carol Rovane
Achille Varzi
Katja Vogt

ASSOCIATE PROFESSORS

Jessica Collins

ASSISTANT PROFESSORS

Justin Clarke-Doane
Melissa Fusco
Dhananjay Jagannathan
Tamar Lando
Karen Lewis (Barnard)
Francey Russell (Barnard)

AFFILIATED FACULTY

Souleymane Bachir Diagne (French and Romance Philology)
Jon Elster (Political Science)
Kent Greenawalt (University Professor)
Wayne Proudfoot (Religion)
Joseph Raz (Law School)
Gayatri Spivak (University Professor)

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 Methods and Problems of Philosophical

Thought. Beginning students are especially encouraged to take 2000-level courses, both in the history of philosophy and in systematic philosophy. These courses are typically less specialized and less narrowly focused than higher-numbered ones. More advanced students are encouraged to take 3000-level courses. The department requires that all majors take at least one seminar, PHIL UN3912.

No more than one course at the 1000-level can be counted toward the major. In order to enroll in one of the 4000-level courses, students must have taken at least four courses in Philosophy.

The major requires a minimum of 30 points in philosophy chosen from courses prefixed with *UN* or *GU*:

PHIL UN2101	The History of Philosophy I: Presocratics to Augustine
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PHIL UN2201	History of Philosophy II: Aquinas to Kant
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PHIL UN3411	Symbolic Logic
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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
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PHIL UN3701	Ethics
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PHIL UN3751	Political Philosophy
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A related course to be chosen in consultation with the director of undergraduate studies.

PHIL UN3912	Seminar
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CONCENTRATION IN PHILOSOPHY

Philosophy, as an academic discipline, has significant points of contact with a wide range of other subjects—in the humanities, the social sciences, and the natural sciences. A concentration in philosophy thus can be an attractive option for many students. Those considering becoming concentrators are strongly encouraged to meet with the director of undergraduate studies early in their sophomore year, in order to discuss their specific interests and to plan their programs of study. All concentrators should consult with the director of undergraduate studies each term before registering for courses.

The concentration requires a minimum of 24 points in philosophy, chosen from courses prefixed with UN or GU. There are no specific courses required for the concentration.

Students may choose courses prefixed with *GR* only with the instructor's permission.

PHIL UN3912 is open to junior and senior concentrators who have taken at least four courses in philosophy.

MAJOR IN ECONOMICS- PHILOSOPHY

Please read *Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors* in the *Economics* section of this Bulletin.

Economics-Philosophy is an interdisciplinary major that, while introducing students to the basic methodologies of economics and philosophy, stresses areas of particular concern to both. These include subjects such as rationality and decision making, justice and efficiency, freedom and collective choice, and the logic of empirical theories and their testing. Many of the issues are dealt with historically, and classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Philosophy. Please note that the Economics adviser can only advise on the Economics requirements and the Philosophy adviser can only advise on the Philosophy requirements.

The Economics-Philosophy major requires a total minimum of 54 points: 25 points in Economics, 16 points in Philosophy, 6 points in Mathematics, 3 points in Statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON UN1105	Principles of Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON UN3412	Introduction To Econometrics

Mathematics Sequence

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Three electives are required; refer to the Economics section of this bulletin.

Philosophy Courses

PHIL UN1010	Methods and Problems of Philosophical 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 and Decision Theory

Seminar

ECPH GU4950	Economics and Philosophy Seminar (or another seminar in philosophy or economics approved by advisers in both department)
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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.

FALL 2019

PHIL UN1010 Methods and Problems of Philosophical Thought. 3 points.

Critical introduction to philosophical problems, ideas and methods.

Fall 2019: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/45493	M W 11:40am - 12:55pm 702 Hamilton Hall	Akeel Bilgrami	3	56/86

Spring 2020: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/12109	M W 6:10pm - 7:25pm Room TBA	Justin Clarke-Doane	3	61/86

PHIL UN2100 Philosophy of Education. 3 points.

Drawing on classical and contemporary sources, this course will introduce students to a variety of texts that address the philosophical consideration of education, including its role in the development of the individual and the development of a democratic society. Readings from Plato, Rousseau, Dewey, and others.

Fall 2019: PHIL UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2100	001/09019	M W 10:10am - 11:25am 203 Diana Center	Kyle Driggers	3	11/16

PHIL UN2101 The History of Philosophy I: Presocratics to Augustine. 4 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., Recitation Section Required

Corequisites: *PHIL V2111* Required Discussion Section (0 points).

Exposition and analysis of the positions of the major philosophers from the pre-Socratics through Augustine. This course has unrestricted enrollment.

Fall 2019: PHIL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2101	001/45364	T Th 10:10am - 11:25am 602 Hamilton Hall	Dhananjay Jagannathan	4	70/80

PHIL UN2110 Philosophy and Feminism. 3 points.

Is there an essential difference between women and men? How do questions about race conflict or overlap with those about

gender? Is there a "normal" way of being "queer"? Introduction to philosophy and feminism through a critical discussion of these and other questions using historical and contemporary texts, art, and public lectures. Focus includes essentialism, difference, identity, knowledge, objectivity, and queerness.

Fall 2019: PHIL UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2110	001/45516	T Th 11:40am - 12:55pm 833 Seeley W. Mudd Building	Christia Mercer	3	96/120

PHIL UN2685 Introduction to Philosophy of Language. 3 points.

This course gives students an introduction to various topics in the Philosophy of Language.

Fall 2019: PHIL UN2685

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2685	001/09024	T Th 11:40am - 12:55pm 323 Milbank Hall	Karen Lewis	3	15/60

PHIL UN3252 Philosophy of Language and Mind. 3 points.

This course will provide an introduction to meaning, reference, understanding, and content in language, thought, and perception.

A central concern will be the question of the relation of meaning to truth-conditions, and what is involved in language and thought successfully latching on to reality. If you have not already taken an elementary course in first order logic, you will need to catch up in that area to understand some crucial parts of the course. All the same, the primary concerns of the course will be philosophical, rather than technical.

Fall 2019: PHIL UN3252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3252	001/45495	T Th 2:40pm - 3:55pm 516 Hamilton Hall	Christopher Peacocke	3	16/40

PHIL UN3353 European Social Philosophy. 3 points.

Prerequisites: one philosophy course.

A survey of European social philosophy from the 18th to the 20th century, with special attention to theories of capitalism and the normative concepts (freedom, alienation, human flourishing) that inform them. Also: the relationship between civil society and the state.

Fall 2019: PHIL UN3353

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3353	001/45517	T Th 8:40am - 9:55am 467 Ext Schermerhorn Hall	Axel Honneth	3	31/40

PHIL UN3411 Symbolic Logic. 4 points.

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

Corequisites: *PHILV3413* Required Discussion Section (0 points). Advanced introduction to classical sentential and predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable. This course has unrestricted enrollment.

Fall 2019: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/45464	M W 10:10am - 11:25am 833 Seeley W. Mudd Building	Tamar Lando	4	59/86
PHIL 3411	002/45513	T Th 1:10pm - 2:25pm 717 Hamilton Hall	Haim Gaifman	4	14/45

Spring 2020: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/11565	M W 11:40am - 12:55pm Room TBA	Tamar Lando	4	86/86

PHIL UN3601 Metaphysics. 4 points.

Discussion Section Required

Corequisites: *PHIL V3611* Required Discussion Section (0 points).

Systematic treatment of some major topics in metaphysics (e.g. modality, causation, identity through time, particulars and universals). Readings from contemporary authors.

Fall 2019: PHIL UN3601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3601	001/45400	M W 6:10pm - 7:25pm 717 Hamilton Hall	Justin Clarke-Doane	4	20/86

PHIL UN3701 Ethics. 4 points.

Prerequisites: one course in philosophy.

Corequisites: *PHIL V3711* Required Discussion Section (0 points).

This course is mainly an introduction to three influential approaches to normative ethics: utilitarianism, deontological views, and virtue ethics. We also consider the ethics of care, and selected topics in meta-ethics.

Fall 2019: PHIL UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/45366	M W 8:40am - 9:55am 602 Hamilton Hall	Carol Rovane	4	29/80

PHIL UN3756 Critical Philosophy of Race: What is Race?. 3 points.

This course is a philosophical examination of the meaning and significance of the concept of race. The course will chiefly aim to answer: What do we mean by the term "race"? And why is it often tied to the existence of racism? From where does the concept come? And what role did "race" play in the philosophical thought

and the culture of Western modernity? Among the questions that can be asked are, How do concepts of race contribute to the formation and justification of various economic, political, and social institutions and practices, such as slavery, colonialism, and segregation? However, we will also inquire at the end of the course whether “race” is always a destructive concept, or whether it can be re-defined as part of a liberation project centered on racial identity: the appreciation and celebration of racial difference and solidarity.

Fall 2019: PHIL UN3756

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3756	001/17317	M W 1:10pm - 2:25pm 516 Hamilton Hall	Aminah Hasan	3	7/25

PHIL UN3912 Seminar. 3 points.

Required of senior majors, but also open to junior majors, and junior and senior concentrators who have taken at least four philosophy courses. This exploration will typically involve writing a substantial research paper. Capped at 20 students with preference to philosophy majors.

Fall 2019: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	003/45519	W 10:10am - 12:00pm 716 Philosophy Hall	Jenann Ismael	3	18/20
PHIL 3912	014/45515	T 2:10pm - 4:00pm 716 Philosophy Hall	Michele Moody-Adams	3	17/20
PHIL 3912	019/45514	M 6:10pm - 8:00pm 716 Philosophy Hall	Lydia Goehr	3	16/20

Spring 2020: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	004/11569	W 12:10pm - 2:00pm 716 Philosophy Hall	Aminah Hasan	3	6/20
PHIL 3912	005/00017	Th 12:10pm - 2:00pm Room TBA	Taylor Carman	3	22/20
PHIL 3912	014/20065	W 10:10am - 12:00pm 716 Philosophy Hall	Akeel Bilgrami	3	12/20

PHIL UN3996 Supervised Senior Research. 3 points.

Supervised research under the direction of individual members of the department.

Fall 2019: PHIL UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3996	002/45467		Akeel Bilgrami	3	0/5
PHIL 3996	003/45468		Taylor Carman	3	0/5
PHIL 3996	004/45469		Justin Clarke-Doane	3	0/5
PHIL 3996	005/45470		Jessica Collins	3	0/5

PHIL 3996 007/45472

PHIL 3996 008/45473

PHIL 3996 009/45474

PHIL 3996 010/45475

PHIL 3996 011/45476

PHIL 3996 012/45477

PHIL 3996 014/45479

PHIL 3996 015/45480

PHIL 3996 016/45481

PHIL 3996 017/45482

PHIL 3996 018/45483

PHIL 3996 021/45486

PHIL 3996 022/45487

PHIL 3996 026/45491

Haim 3 0/5

Gaiffman

Lydia Goehr 3 0/5

Robert 3 0/5

Gooding-

Williams

Axel 3 0/5

Honneth

Dhananjay 3 0/5

Jagannathan

Patricia 3 0/5

Kitcher

Tamar 3 0/5

Lando

Karen Lewis 3 0/5

Wolfgang 3 0/5

Mann

Christia 3 0/5

Mercer

Michele 3 0/5

Moody-

Adams

Christopher 3 0/5

Peacocke

Carol 3 0/5

Rovane

Katja Vogt 3 0/5

PHIL UN3997 Supervised Senior Research. 3 points.

Supervised research under the direction of individual members of the department.

Fall 2019: PHIL UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	002/45368		Akeel Bilgrami	3	0/5
PHIL 3997	003/45369		Taylor Carman	3	0/5
PHIL 3997	004/45370		Justin Clarke-Doane	3	1/5
PHIL 3997	005/45371		Jessica Collins	3	0/5
PHIL 3997	007/45373		Haim Gaiffman	3	0/5
PHIL 3997	008/45374		Lydia Goehr	3	0/5
PHIL 3997	009/45375		Robert Gooding-Williams	3	0/5
PHIL 3997	010/45376		Axel Honneth	3	0/5
PHIL 3997	011/45377		Dhananjay Jagannathan	3	0/5
PHIL 3997	012/45378		Patricia Kitcher	3	0/5
PHIL 3997	014/45380		Tamar Lando	3	0/5
PHIL 3997	016/45381		Wolfgang Mann	3	0/5
PHIL 3997	017/45382		Christia Mercer	3	2/5
PHIL 3997	018/45383		Michele Moody-Adams	3	0/5

PHIL 3997	021/45386	Christopher Peacocke	3	0/5
PHIL 3997	022/45387	Carol Rovane	3	1/5
PHIL 3997	026/45391	Katja Vogt	3	0/5

PHIL GU4089 Aristotle. 3 points.
Not offered during 2019-20 academic year.

Prerequisites: undergraduate students must obtain the instructor's permission.

The course offers a high-level survey of central themes in Aristotle's ethics: happiness, motivation, agency, excellence, deliberation, pleasure, responses to relativism, and the nature of ethics.

Fall 2019: PHIL GU4089

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4089	001/45520	M 2:10pm - 4:00pm 602 Hamilton Hall	Katja Vogt	3	60/86

PHIL GU4424 Modal Logic. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Fall 2019: PHIL GU4424

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4424	001/45492	W 2:10pm - 4:00pm 716 Philosophy Hall	Tamar Lando	3	18/40

PHIL GU4451 History of Philosophy: From De Morgan to Frege. 3 points.

Prerequisites: one term of Symbolic Logic.

The roots of logic may be traced to Aristotle, who systematized and codified the subject in a way that was not significantly surpassed for over two millennia. As we know it today, however, logic stems largely from certain advancements that took place in the mid-nineteenth century, when the subject developed into a rigorous discipline whose exemplar was the exact method of proof used in mathematics. The aim of this course is to provide a critical reconstruction of such advancements along with an assessment of their philosophical significance.

Fall 2019: PHIL GU4451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4451	001/45528	F 12:10pm - 2:00pm 716 Philosophy Hall	Haim Gaifman	3	5/40

PHIL GU4471 Philosophy of Mathematics. 3 points.
Not offered during 2019-20 academic year.

Prerequisites: mathematical background, or familiarity with formal reasoning. The instructor's permission in borderline cases is required.

Topics: Mathematical reasoning and intuition, as illustrated in simple problem solving and historical examples. The source of mathematical validity. Views of mathematics of some major philosophers: Kant, Mill, Frege Russell, Wittgenstein. Realism and Constructivism. Hilbert's program. Mathematics as a formal deductive activity. Formal systems and the significance of

Gödel's incompleteness results. Some more recent debates in the philosophy of mathematics.

Fall 2019: PHIL GU4471

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4471	001/45521	F 4:10pm - 6:00pm 716 Philosophy Hall	Justin Clarke-Doane	3	15/40

PHIL GU4561 Probability and Decision Theory. 3 points.

Examines interpretations and applications of the calculus of probability including applications as a measure of degree of belief, degree of confirmation, relative frequency, a theoretical property of systems, and other notions of objective probability or chance. Attention to epistemological questions such as Hume's problem of induction, Goodman's problem of projectibility, and the paradox of confirmation.

Fall 2019: PHIL GU4561

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4561	001/45498	T 10:10am - 12:00pm 716 Philosophy Hall	Jessica Collins	3	24/40

SPRING 2020

PHIL UN1010 Methods and Problems of Philosophical Thought. 3 points.

Critical introduction to philosophical problems, ideas and methods.

Fall 2019: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/45493	M W 11:40am - 12:55pm 702 Hamilton Hall	Akeel Bilgrami	3	56/86

Spring 2020: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/12109	M W 6:10pm - 7:25pm Room TBA	Justin Clarke-Doane	3	61/86

PHIL UN1401 Introduction to Logic. 3 points.

Explicit criteria for recognizing valid and fallacious arguments, together with various methods for schematizing discourse for the purpose of logical analysis. Illustrative material taken from science and everyday life.

Spring 2020: PHIL UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1401	001/00011	M W 10:10am - 11:25am Room TBA	John Morrison	3	59/80

PHIL UN2201 History of Philosophy II: Aquinas to Kant. 4 points.

Prerequisites: PHIL UN2211 Required Discussion Section (0 points).

PHIL UN2101 is not a prerequisite for this course. Exposition and analysis of the metaphysics, epistemology, and natural philosophy of the major philosophers from Aquinas through Kant. Authors include Aquinas, Galileo, Gassendi, Descartes, Spinoza, Leibniz, Berkeley, Hume, and Kant. This course has unrestricted enrollment.

Spring 2020: PHIL UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2201	001/00012	T Th 11:40am - 12:55pm Room TBA	Kyle Driggers	4	56/80

PHIL UN2301 History of Philosophy III: Kant to Nietzsche. 4 points.

Prerequisites: None.

Exposition and analysis of major texts and figures in European philosophy since Kant. Authors include Kant, Hegel, Schopenhauer, Kierkegaard, and Nietzsche. Required discussion section (PHIL UN2311). Attendance in the first week of classes is mandatory.

Spring 2020: PHIL UN2301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2301	001/00014	T Th 8:40am - 9:55am Room TBA	Taylor Carman	4	33/40

PHIL UN3251 Kant. 3 points.

Explores the connections between theoretical and practical reason in Kant's thinking with special attention to the Critique of Pure Reason and the project of "transcendental" philosophy.

Spring 2020: PHIL UN3251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3251	001/11564	M W 1:10pm - 2:25pm Room TBA	Patricia Kitcher	3	42/86

PHIL UN3411 Symbolic Logic. 4 points.

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

Corequisites: *PHILV3413* Required Discussion Section (0 points). Advanced introduction to classical sentential and predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable. This course has unrestricted enrollment.

Fall 2019: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/45464	M W 10:10am - 11:25am 833 Seeley W. Mudd Building	Tamar Lando	4	59/86
PHIL 3411	002/45513	T Th 1:10pm - 2:25pm 717 Hamilton Hall	Haim Gaifman	4	14/45

Spring 2020: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/11565	M W 11:40am - 12:55pm Room TBA	Tamar Lando	4	86/86

PHIL UN3576 Physics and Philosophy. 3 points.

Philosophical problems at the foundations of quantum theory, especially those having to do with the uncertainty of relations and nature of quantum mechanical indeterminacy. Exploration of a variety of interpretation and hidden variable theory.

Spring 2020: PHIL UN3576

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3576	001/11566	M W 4:10pm - 5:25pm Room TBA	David Albert	3	60/60

PHIL UN3654 Philosophy of Psychology. 3 points.

Considers psychology from the perspective of philosophy of science and the plausibility of various philosophical positions in light of the best current theories of psychology. Examines the assumptions and explanatory strategies of past and present "schools of psychology" and the implications of recent work in psychology for such perennial philosophical problems as moral responsibility and personal identity.

Spring 2020: PHIL UN3654

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3654	001/00065	M W 2:40pm - 3:55pm Room TBA	John Morrison, Raphael Gerraty	3	50/80

PHIL UN3751 Political Philosophy. 3 points.

Six major concepts of political philosophy including authority, rights, equality, justice, liberty and democracy are examined in three different ways. First the conceptual issues are analyzed through contemporary essays on these topics by authors like Peters, Hart, Williams, Berlin, Rawls and Schumpeter. Second the classical sources on these topics are discussed through readings from Hobbes, Locke, Hume, Marx, Plato, Mill and Rousseau. Third some attention is paid to relevant contexts of application of these concepts in political society, including such political movements as anarchism, international human rights, conservative, liberal, and Marxist economic policies as well as competing models of democracy.

Spring 2020: PHIL UN3751

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3751	001/11567	M W 8:40am - 9:55am Room TBA	Axel Honneth	3	86/86

PHIL UN3800 Philosophy, Justice, and Social Activism. 4 points.

This course will do three things: (1) critically examine the works of philosophers who have argued for justice reform and social change, (2) set this philosophical work next to writings by

prominent activists, especially those interested in criminal justice reform, and

(3) work with students to do semester-long activist work. Local activists will visit class and discuss their work.

Students must petition to take the course. The petition must include a 2-3 sentence statement about the student's training in or commitment to activist work

Spring 2020: PHIL UN3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3800	001/11568	M 6:10pm - 8:00pm Room TBA	Christia Mercer	4	18/18

PHIL UN3912 Seminar. 3 points.

Required of senior majors, but also open to junior majors, and junior and senior concentrators who have taken at least four philosophy courses. This exploration will typically involve writing a substantial research paper. Capped at 20 students with preference to philosophy majors.

Fall 2019: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	003/45519	W 10:10am - 12:00pm 716 Philosophy Hall	Jenann Ismael	3	18/20
PHIL 3912	014/45515	T 2:10pm - 4:00pm 716 Philosophy Hall	Michele Moody-Adams	3	17/20
PHIL 3912	019/45514	M 6:10pm - 8:00pm 716 Philosophy Hall	Lydia Goehr	3	16/20

Spring 2020: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	004/11569	W 12:10pm - 2:00pm 716 Philosophy Hall	Aminah Hasan	3	6/20
PHIL 3912	005/00017	Th 12:10pm - 2:00pm Room TBA	Taylor Carman	3	22/20
PHIL 3912	014/20065	W 10:10am - 12:00pm 716 Philosophy Hall	Akeel Bilgrami	3	12/20

PHIL UN3997 Supervised Senior Research. 3 points.

Supervised research under the direction of individual members of the department.

Fall 2019: PHIL UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	002/45368		Akeel Bilgrami	3	0/5
PHIL 3997	003/45369		Taylor Carman	3	0/5
PHIL 3997	004/45370		Justin Clarke-Doane	3	1/5
PHIL 3997	005/45371		Jessica Collins	3	0/5
PHIL 3997	007/45373		Haim Gaifman	3	0/5
PHIL 3997	008/45374		Lydia Goehr	3	0/5

PHIL 3997 009/45375

PHIL 3997 010/45376

PHIL 3997 011/45377

PHIL 3997 012/45378

PHIL 3997 014/45380

PHIL 3997 016/45381

PHIL 3997 017/45382

PHIL 3997 018/45383

PHIL 3997 021/45386

PHIL 3997 022/45387

PHIL 3997 026/45391

Robert Gooding-Williams 3 0/5

Axel Honneth 3 0/5

Dhananjay Jagannathan 3 0/5

Patricia Kitcher 3 0/5

Tamar Lando 3 0/5

Wolfgang Mann 3 0/5

Christia Mercer 3 2/5

Michele Moody-Adams 3 0/5

Christopher Peacocke 3 0/5

Carol Rovane 3 1/5

Katja Vogt 3 0/5

PHIL UN3998 Supervised Individual Research. 3 points.

Spring 2020: PHIL UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3998	002/19913		Akeel Bilgrami	3	0/10
PHIL 3998	003/19914		Taylor Carman	3	0/10
PHIL 3998	004/19915		Justin Clarke-Doane	3	0/10
PHIL 3998	005/19916		Jessica Collins	3	0/10
PHIL 3998	009/19920		Robert Gooding-Williams	3	1/10
PHIL 3998	010/19921		Axel Honneth	3	1/10
PHIL 3998	012/19922		Dhananjay Jagannathan	3	1/10
PHIL 3998	013/19923		Patricia Kitcher	3	0/10
PHIL 3998	015/19925		Tamar Lando	3	0/10
PHIL 3998	016/19926		Karen Lewis	3	0/10
PHIL 3998	017/19927		Wolfgang Mann	3	0/10
PHIL 3998	018/19928		Christia Mercer	3	0/10
PHIL 3998	019/19929		Michele Moody-Adams	3	1/10
PHIL 3998	020/19930		John Morrison	3	0/10
PHIL 3998	021/19933		Frederick Neuhouser	3	0/10
PHIL 3998	022/19934		Christopher Peacocke	3	0/10
PHIL 3998	023/19935		Carol Rovane	3	0/10

PHIL 3998	024/19937	Francey Russell	3	0/10
PHIL 3998	026/19938	Katja Vogt	3	1/10
PHIL 3998	027/34830	Aminah Hasan	3	1/10

PHIL GU4675 The Direction of Time. 3 points.

A survey of the various attempts to reconcile the macroscopic directionality of time with the time-reversibility of the fundamental laws of physics. The second law of thermodynamics and the concept of entropy, statistical mechanics, cosmological problems, the problems of memory, the possibility of multiple time direction.

Spring 2020: PHIL GU4675

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4675	001/11572	M 12:10pm - 2:00pm 716 Philosophy Hall	David Albert	3	29/40

PHIL GU4810 Lattices and Boolean Algebras. 3 points.

Prerequisites: PHIL UN3411 or 4801

This course is designed as an introduction to lattices and Boolean algebras. In the first part of the course, we study partial orders and view lattices both as partial orders and as algebraic structures. We study some basic constructions involving sublattices, products of lattices, and homomorphic images of lattices. In the second part of the course, we study Boolean algebras, with an aim to proving several representation theorems: first, a representation theorem for finite Boolean algebras, and toward the end of the course, the famous Stone Representation Theorem. We end the course with a look at the connection between classical mereology (or the theory of parthood) and complete Boolean algebras.

Spring 2020: PHIL GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4810	001/11573	W 6:10pm - 8:00pm 716 Philosophy Hall	Tamar Lando	3	18/40

PHIL GU4900 Topics in Early Modern Philosophy. 3 points.

Open to undergraduates with previous work in the history of philosophy and to graduate students. Focuses either on an important topic in the history of early modern philosophy (e.g., skepticism, causation, mind, body) or on the philosophy of a major figure in the period (e.g., Descartes, Leibniz, Spinoza, Gassendi, Conway).

Spring 2020: PHIL GU4900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4900	001/11574	Th 12:10pm - 2:00pm Room TBA	Christia Mercer	3	19/40

ECPH GU4950 Economics and Philosophy Seminar. 4 points.

Open only to economics-philosophy majors who are in their senior year.

Prerequisites: *ECON W3211, ECON W3213, ECON W3412.*

Students will be contacted by the Economics department for pre-enrollment.

Explores topics in the philosophy of economics such as welfare, social choice, and the history of political economy. Sometimes the emphasis is primarily historical and sometimes on analysis of contemporary economic concepts and theories.

Spring 2020: ECPH GU4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPH 4950	001/11563	M 2:10pm - 4:00pm 716 Philosophy Hall	Jessica Collins	4	10/20

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS

Departmental Office: 336 Dodge Physical Fitness Center; 212-854-3439; percc.columbia.edu (<http://percc.columbia.edu/>) (<http://bulletin.columbia.edu/columbia-college/departments-instruction/physical-education-intercollegiate-athletics/percc.columbia.edu>)

Director of Undergraduate Studies: Director of Physical Education and Recreation, Jeffrey Ryder, 332 Dodge Physical Fitness Center; jr3786@columbia.edu; 212-854-4001

Departmental Administrative: Belgica Ramirez, 212-854-3439; br12@columbia.edu

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 students' fundamental skills and to help realize their potential. Activity that promotes one's fitness level is emphasized. A major goal is to provide a positive, enjoyable experience for students, hopefully 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 conditioning activities, Friday-only classes at Baker Athletics Complex, and special courses that utilize off-campus facilities during weekends. A description of the scheduled activities for each time preference is included in the Department of Physical Education website (<http://www.dodgefitnesscenter.com/>).

A list of the activities for the term is included in the *Directory of Classes* and on the website. Students may select physical education courses during 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, Medical Director of Columbia Health Programs, who facilitates these evaluations.

GRADING

The grading in all physical education courses is Pass/Fail. Students who fulfill the attendance and participation requirement receive a Pass. Those who miss more than the permissible number of classes and who do not drop the course by the official drop deadline receive a W (Withdrawal). Those who anticipate attendance problems should contact their instructors or the Director of Undergraduate Studies 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.

LOCKER AND TOWEL SERVICE

Students have access to a lock/towel service (\$38 fee) and, with the exception of tennis, equipment for the activities is supplied by the Physical Education Department.

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 beginning swimming at the first possible opportunity.

Student athletes who register correctly and participate on a team receive a Pass; those who drop off a team in midterm and still wish to receive academic credit must notify the Physical Education Office and be placed in an activity to complete the attendance requirement. Otherwise, the student must officially drop *Intercollegiate Athletics* or they receive a mark of W (Withdrawal).

DIRECTOR OF PHYSICAL EDUCATION PROGRAMS

Jeffrey Ryder

ASSOCIATES

Cemi Abreu
Michael Aufrichtig
Caroline Blum
James Bolster
Christie Bonn
Victoria Borja
Michael Burr
Amber Cannady
Diana Caskey
Jesse Chapman
Brian Chenoweth
India Choquette
Demerae Christianson
Nathaniel Clark
Tyler Cordell
Theodore Cowling
Jared Czech
Aphrodite Daphnis
Derek Davis
Jesse DePalo
Scott Donie
Lauren Dudziak
Samantha Fahey
Alex Fatovic
Aliza Feuerstein
Wilfred Frederic
Jumpei Harada
Jessica Harrington
Matt Herhal
Andrew Hess
Colleen Irby
Brian Jines
Lauren Kahn
Amphone Keovongmanysar
Anastasia Kirtiklis
Andrew Laiosa
Gustavo Leal
SeoungWoo Lee
Peggy Levine
Frank Lisante
Kyle Massey

James McDermott	PHED	002/98189	M W 8:00am - 8:50am	Belgica	1	21/28
Gaurav Misra	1001		Room TBA	Ramirez, Anne Skylis, Jeffrey Ryder, Stancil Marquise		
Richard Mueller						
Sara Negrette						
A.J. Nelson						
Caroline Nelson-Nichols						
Joseph Nord	PHED	004/98185	M W 9:00am - 9:50am	Belgica	1	10/10
Joshua Osit	1001		Room TBA	Ramirez, Anne Skylis, Jeffrey Ryder, Scott Donie		
Pepper Pavlish						
Sarah Perron						
Ken Pollard						
Olivia Raxter	PHED	005/98184	M W 9:00am - 9:50am	Belgica	1	27/30
Arielle Robinson	1001		Room TBA	Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish		
Daniel Rosenblum						
Greg Rosnick						
Chris Sachvie						
Tamara Sagadore	PHED	006/98182	M W 10:00am - 10:50am	Belgica	1	12/20
Allison Salter	1001		Room TBA	Ramirez, Anne Skylis, Jeffrey Ryder		
Joanne Schickerling						
Marlon Sears						
Anne Marie Skylis	PHED	007/98181	M W 10:00am - 10:50am	Belgica	1	18/22
Maraya Slatter	1001		Room TBA	Ramirez, Anne Skylis, Jeffrey Ryder, Aphrodite Daphnis		
Jen Spicer						
Marquise Stancil						
Erik Supplee						
Dan Tischler						
Cassie Vondrak	PHED	008/98179	M W 10:00am - 10:50am	Belgica	1	28/25
Samantha Warren	1001		Room TBA	Ramirez, Anne Skylis, Theodore Cowling, Jeffrey Ryder		
Amy Weeks						
Elizabeth Young						

PHED UN1001 Physical Education Activities. 1 point.

PHED UN1001 classes are offered in a variety of activities in the areas of aquatics, fitness, martial arts, individual/dual sports, team sports, and outdoor education. Emphasis is placed on the basic skills and techniques, strategies, and elements of each activity. There are risks and dangers in participating. Injury resulting from participation is a possibility. Please carefully follow the guidelines and rules provided by the instructor.

The times listed in the online Directory of Classes are the actual class times for each time preference. Students should allow additional time for showering, dressing, equipment exchange, and travel to next class. A description of the scheduled activities for each time preference is posted on the department website, percec.columbia.edu (<http://percec.columbia.edu>).

Fall 2019: PHED UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment					
PHED 1001	001/98190	M W 9:00am - 9:50am Room TBA	James Bolster, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	16/18	PHED 1001	012/98174	M W 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	15/15
						PHED 1001	014/98171	M W 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey	13/15

				Ryder, Sara Negrette, Olivia Raxter						Lauren Kahn, Andrew Hess		
PHED 1001	015/18198	M W 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Amber Cannady	1	17/22	PHED 1001	031/98151	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tamara Sagadore	1	26/25	
PHED 1001	016/98169	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Allison Salter, Jeffrey Ryder	1	24/25	PHED 1001	032/98150	T Th 8:00am - 8:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Erik Supplee	1	24/25	
PHED 1001	017/98166	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Seoung Woo Lee, Jeffrey Ryder	1	20/22	PHED 1001	034/98149	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, India Choquette, Jeffrey Ryder	1	11/15	
PHED 1001	020/98162	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Daniel Rosenblum	1	23/25	PHED 1001	035/98148	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Dan Tischler, Jeffrey Ryder	1	26/25	
PHED 1001	021/98160	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Nathaniel Clark	1	24/25	PHED 1001	036/98147	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Jeffrey Ryder, Anne Skylis, Maraya Slatter, Brian Chenoweth	1	23/25	
PHED 1001	024/98157	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tyler Cordell	1	17/26	PHED 1001	039/98144	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	12/15	
PHED 1001	025/98156	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Sarah Perron, Jeffrey Ryder, Anne Skylis	1	22/28	PHED 1001	040/98143	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Gustavo Leal, Jeffrey Ryder	1	16/18	
PHED 1001	026/98155	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Jeffrey Ryder, Anne Skylis, Peggy Levine	1	26/34	PHED 1001	041/98142	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Brian Jines, Anne Skylis, Jeffrey Ryder	1	27/31	
PHED 1001	028/98153	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Colleen Irby, Jeffrey Ryder	1	21/25	PHED 1001	042/98141	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Demerae Christianson	1	21/20	
PHED 1001	029/18202	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder,	1	21/20	PHED 1001	043/98140	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Richard Mueller,	1	18/20	

PHED 1001	044/98139	T Th 10:00am - 10:50am Room TBA	Jeffrey Ryder Belgica Ramirez, Anne Skylis, Joanne Schickerling, Jeffrey Ryder	1	17/20	PHED 1001	056/98129	T Th 2:10pm - 3:00pm Room TBA	Ryder, Samantha Fahey Belgica Ramirez, Anne Skylis, Katherine Desandis, Jeffrey Ryder	1	13/20
PHED 1001	046/98138	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jumpie Harada	1	17/25	PHED 1001	057/98128	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Kyle Massey	1	16/25
PHED 1001	047/98137	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sara Negrette, Arielle Robinson	1	13/15	PHED 1001	058/98127	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jennifer Spicer	1	18/25
PHED 1001	048/98136	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anastasia Kirtiklis, Anne Skylis, Jeffrey Ryder	1	23/28	PHED 1001	059/18201	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Joseph Nord	1	11/15
PHED 1001	049/98135	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Michael Aufrechtig, Jeffrey Ryder	1	22/22	PHED 1001	060/98126	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Jessica Harrington, Anne Skylis, Jeffrey Ryder	1	26/30
PHED 1001	050/98134	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	25/25	PHED 1001	064/98125	W 6:00pm - 10:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	9/14
PHED 1001	051/98133	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Samantha Warren, Jeffrey Ryder	1	21/22	PHED 1001	065/98124	Th 7:30pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	17/14
PHED 1001	052/18205	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aliza Feuerstein	1	18/25	PHED 1001	067/98123	Th 9:00pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Andrew Laiosa, Jeffrey Ryder	1	15/18
PHED 1001	053/98132	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Bonnie Baker, Anne Skylis, Jeffrey Ryder	1	26/30	PHED 1001	068/98122	F 9:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Amy Weeks, Jeffrey Ryder	1	9/10
PHED 1001	054/98131	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Amphone Keovongmanysar, Jeffrey	1	20/24	PHED 1001	069/98121	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	15/18
						PHED 1001	070/98120	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Kenneth Pollard,	1	20/30

PHED 1001	071/98119	F 10:00am - 4:00pm Room TBA	Jeffrey Ryder, Joshua Osit Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	29/35
PHED 1001	072/98118	F 10:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	11/10
PHED 1001	073/98117	F 10:30am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	45/45
PHED 1001	074/98116	F 11:00am - 1:00pm Room TBA	Belgica Ramirez, Gaurav Misra, Anne Skylis, Jeffrey Ryder	1	13/18
PHED 1001	075/98115	Sa 8:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	36/38
PHED 1001	076/98114	S 8:00am - 5:00pm Room TBA	James McDermott, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	33/38
PHED 1001	077/18199	M 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christie Bonn	1	17/15
PHED 1001	078/18200	W 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Cemi Abreu, Jeffrey Ryder	1	13/15
PHED 1001	079/18745		Belgica Ramirez, Anne Skylis, Derek Davis, Jeffrey Ryder	1	4/10
PHED 1001	080/18746	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Simon Cleary, Jeffrey Ryder, Jesse Chapman	1	14/15

PHED UN1002 Physical Education Activities. 1 point.

PHED UN1002 classes are offered in a variety of activities in the areas of aquatics, fitness, martial arts, individual/dual sports, team sports, and outdoor education. Emphasis is placed on the basic skills and techniques, strategies, and elements of each activity. There are risks and dangers in participating. Injury resulting from participation is a possibility. Please carefully follow the guidelines and rules provided by the instructor.

The times listed in the online Directory of Classes are the actual class times for each time preference. Students should allow additional time for showering, dressing, equipment exchange, and travel to next class. A description of the scheduled activities for each time preference is posted on the department website, percec.columbia.edu (<http://percec.columbia.edu/>).

Spring 2020: PHED UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1002	001/14518	M W 9:00am - 9:50am Room TBA	Belgica Ramirez, Caroline Blum, Anne Skylis, Jeffrey Ryder	1	18/18
PHED 1002	002/15101	M W 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	30/30
PHED 1002	003/15128	M 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christie Bonn	1	15/15
PHED 1002	004/15130	W 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Cemi Abreu, Jeffrey Ryder	1	15/15
PHED 1002	005/14522	M W 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jared Czech	1	28/28
PHED 1002	007/14524	M W 10:00am - 10:50am Room TBA	Belgica Ramirez, Diana Caskey, Anne Skylis, Jeffrey Ryder	1	25/25
PHED 1002	009/14525	M W 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder,	1	29/30

PHED 1002	010/14529	M W 11:00am - 11:50am Room TBA	Pepper Pavlish Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Michael Burr	1	30/30	PHED 1002	030/16327	W 3:10pm - 4:00pm Room TBA	Jeffrey Ryder, Janeil Mason Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tamara Sagadore	1	15/15
PHED 1002	016/14531	M W 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Daniel Rosenblum	1	25/25	PHED 1002	032/14548	T Th 8:00am - 8:50am Room TBA	Belgica Ramirez, Anne Skylis, Dan Tischler, Jeffrey Ryder, Erik Supplee	1	25/25
PHED 1002	017/14533	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Michael Aufrichtig, SeoungWoo Lee, Jeffrey Ryder	1	20/20	PHED 1002	035/14549	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, India Choquette, Jeffrey Ryder	1	15/15
PHED 1002	020/15132	W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jumpie Harada, Jeffrey Ryder	1	15/15	PHED 1002	036/15035	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Taylor Pennell	1	25/25
PHED 1002	021/15134	M 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aphrodite Daphnis	1	15/15	PHED 1002	037/14542	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Brian Chenoweth, Maraya Slatter	1	25/25
PHED 1002	023/14534	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Gregory Rosnick	1	28/28	PHED 1002	038/15037	T Th 9:00am - 9:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christopher Sachvie	1	15/15
PHED 1002	024/14536	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sarah Perron	1	30/30	PHED 1002	040/14545	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anastasia Kirtiklis, Anne Skylis, Jeffrey Ryder	1	29/30
PHED 1002	025/14537	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Peggy Levine, Anne Skylis, Jeffrey Ryder	1	30/30	PHED 1002	041/14555	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Gustavo Leal, Jeffrey Ryder	1	18/18
PHED 1002	027/14539	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Colleen Irby, Jeffrey Ryder, Andrew Hess	1	25/25	PHED 1002	042/15056	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Demerae Christianson	1	25/25
PHED 1002	029/16206	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis,	1	20/20	PHED 1002	043/17803	T Th 10:00am - 10:50am	Belgica Ramirez,	1	15/15

		Room TBA	Anne Skylis, Joanne Schickerling, Jeffrey Ryder						Keovongmanysar, Jeffrey Ryder		
PHED 1002	044/15042	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Theodore Cowling	1	25/25	PHED 1002	056/16229	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Latinka Djokovic	1	30/30
PHED 1002	045/15043	T Th 10:00am - 10:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	0/18	PHED 1002	057/15051	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Nathaniel Clark	1	25/25
PHED 1002	047/16900	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Julie Anderson, Anne Skylis, Jeffrey Ryder	1	22/25	PHED 1002	058/16230	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Joseph Nord, Kyle Massey	1	25/25
PHED 1002	048/15063	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Amber Cannady	1	15/15	PHED 1002	061/16233	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Melanie Rodriguez	1	25/25
PHED 1002	049/15065	T Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anastasia Kirtiklis, Anne Skylis, Jeffrey Ryder	1	30/30	PHED 1002	062/16236	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Jessica Harrington, Anne Skylis, Jeffrey Ryder	1	25/25
PHED 1002	050/16326	Th 11:00am - 11:50am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jennifer Spicer	1	15/15	PHED 1002	063/15066	W 6:00pm - 10:00pm Room TBA	Belgica Ramirez, Anne Skylis, Peter McKay, Jeffrey Ryder	1	14/15
PHED 1002	052/16212	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Samantha Warren, Jeffrey Ryder	1	22/22	PHED 1002	064/15068	Th 7:30pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Peter McKay, Jeffrey Ryder	1	15/15
PHED 1002	053/15047	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aliza Feuerstein	1	25/25	PHED 1002	065/15069	Th 9:00pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Andrew Laiosa, Jeffrey Ryder	1	20/20
PHED 1002	054/15048	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Latinka Djokovic	1	30/30	PHED 1002	067/15077	S 6:00am - 6:00pm Room TBA	Belgica Ramirez, Matthew Herhal, Anne Skylis, Katherine Desandis, Jeffrey Ryder	1	44/47
PHED 1002	055/15049	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Amphone	1	25/25						

PHED 1002	068/15074	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	5/20	Men's Varsity Heavy Row, Men's Tennis, Women's Fencing, Women's Track, Men's Fencing, Men's Track, Women's Field Hockey, Women's Volleyball, Football, Wrestling, Women's Squash, and Men's Squash.						
PHED 1002	069/16902	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Kenneth Pollard, Jeffrey Ryder	1	30/30		Fall 2019: PHED UN1005					
							Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
							PHED 1005	001/98232		Belgica Ramirez, Anne Skylis, Derek Davis, Jeffrey Ryder	1	6/20
PHED 1002	070/16903	F 10:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	27/30							
							PHED 1005	002/98231		Belgica Ramirez, Brett Boretti, Anne Skylis, Jeffrey Ryder	1	1/40
PHED 1002	071/16905	F 10:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	8/10							
							PHED 1005	003/98230		Belgica Ramirez, Megan Griffith, Anne Skylis, Jeffrey Ryder	1	6/35
PHED 1002	072/15076	F 10:30am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	0/0							
							PHED 1005	005/98228		Belgica Ramirez, James Engles, Anne Skylis, Jeffrey Ryder	1	2/35
PHED 1002	073/15078	F 11:00am - 1:00pm Room TBA	Belgica Ramirez, Gaurav Misra, Anne Skylis, Jeffrey Ryder	1	20/20							
						PHED 1005	006/98227		Belgica Ramirez, Anne Skylis, Emerson Curry, Jeffrey Ryder	1	8/60	
PHED 1002	074/15079	Sa 8:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	40/40							
						PHED 1005	007/98225		Belgica Ramirez, Anne Skylis, Nicholas Parker, Jeffrey Ryder	1	1/60	
PHED 1002	075/15081	S 8:00am - 5:00pm Room TBA	Belgica Ramirez, Anne Skylis, James McDermott, Jeffrey Ryder	1	40/40							
						PHED 1005	008/98224		Belgica Ramirez, Anne Skylis, Scott Alwin, Jeffrey Ryder	1	1/60	
PHED 1002	077/34834	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Frank Lisante	1	0/0							
						PHED 1005	010/98223		Belgica Ramirez, Anne Skylis, Nicholas Parker, Jeffrey Ryder	1	8/60	
PHED 1002	078/16243	F Sa 8:00am - 5:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	20/20							
						PHED 1005	011/98221		Belgica Ramirez, Scott Alwin, Anne Skylis,	1	3/60	
PHED 1002	079/16325	F Sa 8:00am - 5:00pm Room TBA	Jeffrey Ryder	1	20/20							
PHED UN1005 Intercollegiate Athletics. 1 point.												
Archery, Men's/Women's Golf, Baseball, Women's Lacrosse, Women's Basketball, Women's Soccer, Men's Basketball, Men's Soccer, Women's Rowing, Women's Softball, Men's Freshman Light Row, Women's Swimming, Men's Freshman Heavy Row, Men's Swimming, Men's Varsity Light Row, Women's Tennis,												

PHED 1005	012/98220	Jeffrey Ryder Belgica Ramirez, Anne Skylis, Michael Aufrichtig, Jeffrey Ryder	1	3/20	PHED 1005	025/98206	Jennifer Teague Belgica Ramirez, Diana Caskey, Anne Skylis, Jeffrey Ryder	1	23/50
PHED 1005	013/98218	Belgica Ramirez, Anne Skylis, Michael Aufrichtig, Jeffrey Ryder	1	3/20	PHED 1005	026/98204	James Bolster, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	17/50
PHED 1005	014/98217	Belgica Ramirez, Anne Skylis, Caroline Nichols, Jeffrey Ryder	1	16/35	PHED 1005	027/98203	Belgica Ramirez, Ilene Weintraub, Anne Skylis, Jeffrey Ryder	1	1/50
PHED 1005	016/98215	Belgica Ramirez, Anne Skylis, Gregory Lamb, Jeffrey Ryder	1	24/150	PHED 1005	028/98201	Howard Endelman, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	5/50
PHED 1005	017/98214	Belgica Ramirez, Anne Skylis, Amy Weeks, Jeffrey Ryder	1	5/15	PHED 1005	030/98200	Belgica Ramirez, Anne Skylis, Daniel Ireland, Jeffrey Ryder	1	13/50
PHED 1005	018/98213	Belgica Ramirez, Richard Mueller, Anne Skylis, Jeffrey Ryder	1	4/15	PHED 1005	031/98199	Belgica Ramirez, Anne Skylis, Daniel Ireland, Jeffrey Ryder	1	17/50
PHED 1005	020/98211	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Andrea Cofrin	1	8/50	PHED 1005	032/98197	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	13/50
PHED 1005	021/98210	Belgica Ramirez, Anne Skylis, Tracey Bartholomew, Jeffrey Ryder	1	10/50	PHED 1005	033/98196	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Zachary Tanelli	1	14/50
PHED 1005	022/98208	Belgica Ramirez, Anne Skylis, Kevin Anderson, Jeffrey Ryder	1	11/50	PHED 1005	035/98194	Anne Skylis, Jeffrey Ryder, Jacques Swanepoel, Belgica Ramirez	1	4/50
PHED 1005	024/98207	Belgica Ramirez, Anne Skylis, Jeffrey Ryder,	1	3/50	PHED 1005	036/98193	Belgica Ramirez, Anne Skylis, Jacques Swanepoel,	1	6/50

PHED 1005	037/98192		Jeffrey Ryder	1	13/25	PHED 1005	013/19484	Anne Skylis, 1 Belgica Ramirez, Gregory Lamb	6/150
			Belgica Ramirez, Anne Skylis, Jeffrey Ryder			PHED 1005	014/19485	Belgica 1 Ramirez, Amy Weeks, Anne Skylis	2/50
Spring 2020: PHED UN1005									
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment				
PHED 1005	001/16201		Belgica Ramirez, Anne Skylis, Derek Davis	1	6/50	PHED 1005	015/19486	Belgica 1 Ramirez, Richard Mueller, Anne Skylis	1/50
PHED 1005	002/16202		Belgica Ramirez, Brett Boretti, Anne Skylis	1	15/50	PHED 1005	016/19487	Belgica 1 Ramirez, Andrea Cofrin, Anne Skylis	10/50
PHED 1005	003/16203		Anne Skylis, 1 Megan Griffith, Belgica Ramirez	1	1/50	PHED 1005	017/19489	Anne Skylis, 1 Belgica Ramirez, Tracey Bartholomew	0/50
PHED 1005	004/19475		Belgica Ramirez, James Engles, Anne Skylis	1	1/50	PHED 1005	018/19490	Anne Skylis, 1 Belgica Ramirez, Kevin Anderson	2/50
PHED 1005	005/19476		Emerson Curry, Anne Skylis, Belgica Ramirez	1	6/150	PHED 1005	019/19491	Belgica 1 Ramirez, Anne Skylis, Jennifer Teague	15/50
PHED 1005	006/19477		Nicholas Parker, Anne Skylis, Belgica Ramirez	1	1/150	PHED 1005	020/19492	Anne Skylis, 1 Diana Caskey, Belgica Ramirez	5/50
PHED 1005	007/19478		Belgica Ramirez, Scott Alwin, Anne Skylis	1	1/150	PHED 1005	021/19493	Belgica 1 Ramirez, James Bolster, Anne Skylis	6/50
PHED 1005	008/19479		Anne Skylis, 1 Belgica Ramirez, Nicholas Parker	1	3/150	PHED 1005	022/19494	Ilene 1 Weintraub, Belgica Ramirez, Anne Skylis	1/50
PHED 1005	009/19480		Belgica Ramirez, Anne Skylis, Scott Alwin	1	1/150	PHED 1005	023/19495	Bidyut 1 Goswami, Belgica Ramirez, Anne Skylis	5/50
PHED 1005	010/19481		Michael Aufrichtig, Anne Skylis, Belgica Ramirez	1	1/50	PHED 1005	024/19496	Belgica 1 Ramirez, Daniel Ireland, Anne Skylis	8/100
PHED 1005	011/19482		Belgica Ramirez, Anne Skylis, Michael Aufrichtig	1	5/50	PHED 1005	025/19497	Belgica 1 Ramirez, Daniel Ireland, Anne Skylis	4/100
PHED 1005	012/19483		Anne Skylis, 1 Belgica Ramirez, Caroline Nichols	1	0/50	PHED 1005	026/19498	Belgica 1 Ramirez, Anne Skylis, Allison Keeley	5/50

PHED 1005	027/19499	Zachary Tanelli, Anne Skyлис, Belgica Ramirez	1	7/50
PHED 1005	028/19500	Belgica Ramirez, Jacques Swanepoel, Anne Skyлис	1	1/50
PHED 1005	029/19501	Belgica Ramirez, Anne Skyлис, Jacques Swanepoel	1	2/50
PHED 1005	030/19502	Anne Skyлис, Belgica Ramirez	1	4/50

PHED UN3998 Independent Study. 1 point.
Independent Study

PHED GU4997 Independent Study. 1 point.
Independent Study. Instructor approval required. 1-3 points.

PHYSICS

Departmental Office: 704 Pupin; 212-854-3348
<http://www.columbia.edu/cu/physics> (<http://www.columbia.edu/cu/physics/>)

Director of Undergraduate Studies: Dr. Jeremy Dodd, 924 Pupin; 212-854-3969; jeremy.dodd@columbia.edu

The physics major offers a rigorous preparation in the intellectual developments of modern physics, along with extensive exposure to the mathematical and experimental techniques required to conduct basic and applied research in physics.

For the major, the department offers a set of required courses well-suited to prepare students for the most rigorous course of graduate study. These can be supplemented by elective courses in a variety of advanced topics. Although most majors go on to graduate work in physics, the intellectual skills acquired in the study of physics can also provide the basis for work in a variety of other scientific and nonscientific areas.

The physics concentration is for students who are interested in physics but are uncertain about graduate study in physics; for those who want to explore other subjects along with physics; for those who want to find a physics- or technology-related job after graduation; or for those who are considering a professional school such as law or medicine. The department helps concentrators custom design programs to ensure maximum flexibility in meeting students' intellectual needs and career goals. With appropriate selection of courses, the concentrator can explore other subjects yet maintain the option of graduate study in physics.

Research is an extremely important component of the Columbia physics experience. Because the department has a very small student-to-faculty ratio, essentially all physics majors and

concentrators engage in experimental, computational, or theoretical research under the close supervision of a faculty member during part, if not all, of their time at Columbia.

REGISTRATION FOR INTRODUCTORY COURSES

The department offers a stand-alone one-semester course for nonscience majors, one introductory sequence in physics intended primarily for preprofessional students, and three introductory sequences in physics for engineering and physical science majors. Students are given credit for courses from only one of the different sequence groups.

Mixing courses across the sequences is strongly discouraged; however, physics majors who begin their studies with PHYS UN1401 Introduction To Mechanics and Thermodynamics - PHYS UN1402 Introduction To Electricity, Magnetism, and Optics should take PHYS UN2601 Physics, III: Classical and Quantum Waves 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 - PHYS UN1292	General Physics Laboratory and General Physics Laboratory II
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Engineering and Physical Science Majors:

Select one of the following sequences with accompanying laboratory course:

Sequence A:

PHYS UN1401	Introduction To Mechanics and Thermodynamics and Introduction To Electricity, Magnetism, and Optics and Introduction to Classical and Quantum Waves
- PHYS UN1402	
- PHYS UN1403	

Sequence B:

PHYS UN1601 - PHYS UN1602 - PHYS UN2601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism and Physics, III: Classical and Quantum Waves
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Sequence C:

PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Sequence A is a self-contained group of three courses, while Sequences B and C anticipate more course work in the Physics Department. Students considering a physics major are strongly encouraged to begin one of these sequences in their first year.

LABORATORY

Many of the introductory courses include a laboratory, as indicated. A \$75 per term *laboratory fee* is charged for all 1000-level and 2000-level laboratories.

ADVANCED PLACEMENT

Students may earn a maximum of 6 credits in physics. The department grants 6 credits for a score of 4 or 5 on the AP Physics B exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 3 if the student takes a 1000-level physics course.

The department grants 3 credits for a score of 4 or 5 on the AP Physics C/MECH exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 0 if the student takes PHYS UN1001, PHYS UN1201, PHYS UN1401 or PHYS UN1601.

The department grants 3 credits for a score of 4 or 5 on the AP Physics C/E&M exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 0 if the student takes PHYS UN1001, PHYS UN1202, PHYS UN1402 or PHYS UN1602.

PROFESSORS

Igor Aleiner
Boris Altshuler
Elena Aprile
Dmitri Bassov
Andrei Beloborodov
Allan Blaer (*emeritus*)
Gustaaf Brooijmans
Norman Christ
Brian Cole
Frederik Denef
Richard Friedberg (*Barnard emeritus*)
Brian Greene (Mathematics)
Miklos Gyulassy (*emeritus*)
Charles J. Hailey
Timothy Halpin-Healy (Barnard)
Sven Hartmann (*emeritus*)
Tony Heinz (*emeritus*)
Emlyn Hughes
Lam Hui
Laura Kay (Barnard Astronomy)
Tsung Dao Lee (*emeritus*)
Yuri Levin
Szabolcs Marka
Robert Mawhinney (Chair)
Andrew Millis
Alfred H. Mueller
Reshmi Mukherjee (Barnard)
John Parsons
Aron Pinczuk (Applied Physics)
Malvin Ruderman
Frank Sciulli (*emeritus*)

Michael Shaevitz
Michael Tuts
Yasutomo Uemura
Erick Weinberg
William Zajc

ASSOCIATE PROFESSORS

Brian Humensky
Janna Levin (Barnard)
Brian Metzger
Alberto Nicolis
Abhay Pasupathy
Ozgur Sahin (Biology)
Tanya Zelevinsky

ASSISTANT PROFESSORS

Cory Dean
Bradley Johnson
Georgia Karagiorgi
Rachel Rosen
Sebastian Will

SENIOR LECTURER IN DISCIPLINE

Jeremy Dodd

ADJUNCT PROFESSOR

Morgan May

LECTURER

Burton Budick
Eric Raymer

ON LEAVE

Amber Miller

GUIDELINES FOR ALL PHYSICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Majors and concentrators should plan their programs of study with the director of undergraduate studies before the beginning of the junior year.

Prospective physics majors are strongly encouraged to begin one of the introductory physics sequences in their first year. Majors should aim to acquire as extensive a background in mathematics as possible.

The department considers laboratory experience to be an essential part of the physics curriculum. Majors and concentrators can gain such experience in the intermediate-level laboratories, the electronics laboratory, and through experimental research in faculty research groups.

Grading

A grade of C- or better must be obtained for a course to count toward the majors or the concentration. The grade of P is not acceptable, but a course that was taken P/D/F may be counted if and only if the P is uncovered by the Registrar's deadline.

MAJOR IN PHYSICS

Physics Courses

The major in physics requires a minimum of 41 points in physics courses, including:

Introductory Sequences

Select one of the following sequences:

Sequence A: Students with a limited background in high school physics may elect to take:

PHYS UN1401	Introduction To Mechanics and
- PHYS UN1402	Thermodynamics
- PHYS UN2601	and Introduction To Electricity, Magnetism, and Optics and Physics, III: Classical and Quantum Waves

Sequence B:

PHYS UN1601	Physics, I: Mechanics and Relativity
- PHYS UN1602	and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS UN2601	and Physics, III: Classical and Quantum Waves

Sequence C: Students with advanced preparation in both physics and mathematics may be eligible to take:

PHYS UN2801	Accelerated Physics I
- PHYS UN2802	and Accelerated Physics II

Core Physics Courses

PHYS UN3003	Mechanics
PHYS UN3007	Electricity and Magnetism
PHYS UN3008	Electromagnetic Waves and Optics
PHYS GU4021	Quantum Mechanics I
PHYS GU4022	Quantum Mechanics II
PHYS GU4023	Thermal and 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 Astrophysics and Cosmology
PHYS GU4018	Solid-State Physics
PHYS GU4019	Mathematical Methods of Physics
PHYS GU4040	Introduction 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	Seminar in Current Research 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.

CONCENTRATION IN PHYSICS

The concentration in physics requires a minimum of 24 points in physics, including one of the introductory sequences.

INTERDISCIPLINARY MAJOR

It is also possible to major in astrophysics, biophysics, and chemical physics. Students interested in these areas should consult with the director of undergraduate studies and with cognate departments (astronomy, biological sciences, chemistry).

For astrophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/astronomy/#requirements-text> (<http://bulletin.columbia.edu/columbia-college/departments-instruction/astronomy/#requirements-text>)

For biophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/biological-sciences/#requirements-text> (<http://bulletin.columbia.edu/columbia-college/departments-instruction/biological-sciences/#requirements-text>)

For chemical physics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/chemistry/#requirements-text>

PHYS UN1001 Physics for Poets. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school algebra.

This course does not fulfill the physics requirement for admission to medical school. No previous background in physics is expected. An introduction to physics taught through the exploration of the scientific method, and the application of physical principles to a wide range of topics from quantum mechanics to cosmology.

PHYS UN1018 Weapons of Mass Destruction. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school science and math.

A review of the history and environmental consequences of nuclear, chemical, and biological weapons of mass destruction (WMD); of how these weapons work, what they cost, how they have spread, how they might be used, how they are currently controlled by international treaties and domestic legislation, and what issues of policy and technology arise in current debates on WMD. What aspects of the manufacture of WMD are easily addressed, and what aspects are technically challenging? It may be expected that current events/headlines will be discussed in class.

PHYS UN1111 Origins and Meaning. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This seminar is a one-semester survey of the universe from the beginning of time to something akin to its end, with an organizing theme of origins. We will explore the origin of inanimate physical structures (the origin of cosmos as a whole, as well as that of galaxies, stars, planets, particles, atoms and complex molecules), the origin of life (the origin of replicating molecules, the first cells, as well as more complex life forms), the origin of mind (the origin of self-reflective conscious awareness) and the origin of culture (the origins of language, myth, religion, art and science). We will consider the adaptive role of these developments and then consider what science in particular tells us about the far future of matter and mind. Throughout, we will examine the long-standing human search for meaning.

Fall 2019: PHYS UN1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1111	001/47007	F 2:10pm - 4:00pm 303 Hamilton Hall	Brian Greene	3	58/60

PHYS UN1201 General Physics I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: some basic background in calculus or be concurrently taking MATH UN1101 Calculus I. The accompanying laboratory is PHYS UN1291-UN1292. The course will use elementary concepts from calculus. The accompanying laboratory is *PHYS UN1291 - UN1292*. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics.

Fall 2019: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PHYS 1201	001/47032	M W 10:10am - 11:25am 301 Pupin Laboratories	Michael Shaeviz	3	161/160
PHYS 1201	002/47033	M W 10:10am - 11:25am 428 Pupin Laboratories	Thomas Humensky	3	78/130
PHYS 1201	003/47034	T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	45/130

Spring 2020: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/15888	M W 5:40pm - 6:55pm 428 Pupin Laboratories	P. Michael Tuts	3	75/130

PHYS UN1202 General Physics II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: This course will use elementary concepts from calculus. Students should therefore have had some high school calculus, or be concurrently enrolled in MATH UN1101. Taken with accompanying lab PHYS UN1291- PHYS UN1292, the sequence PHYS UN1201- PHYS UN1202 satisfies requirements for medical school.

Electricity, magnetism, optics, and modern physics.

Spring 2020: PHYS UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1202	001/15889	M W 10:10am - 11:25am 301 Pupin Laboratories	Cory Dean	3	180/180
PHYS 1202	003/15890	T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	99/130

PHYS UN1291 General Physics Laboratory. 1 point.

Same course as *PHYS W1291x*, but given off-sequence.

Corequisites: PHYS UN1201

This course is the laboratory for the corequisite lecture course and can be taken only during the same term as the corresponding lecture.

Fall 2019: PHYS UN1291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291	001/47054	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	002/47055	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1291	003/47056	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291	004/47057	M 4:10pm - 7:10pm	Giuseppina Cambareri	1	14/15

		5th Flr Pupin Laboratories			
PHYS 1291	005/47058	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291	007/47060	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291	008/47061	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	009/47062	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	010/47063	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291	011/47064	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291	013/47066	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	014/47067	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	015/47068	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1291	016/47069	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	017/47070	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	8/15
PHYS 1291	019/47072	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	020/47073	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	021/47074	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	8/15
PHYS 1291	022/47075	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1291	025/47078	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	026/47079	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15

Spring 2020: PHYS UN1291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291	001/15923	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	002/15924	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15

PHYS 1291	003/15927	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291	004/15928	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291	005/15929	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291	006/15931	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	2/15
PHYS 1291	007/15932	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15
PHYS 1291	008/15933	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15

PHYS UN1292 General Physics Laboratory II. 1 point.

Corequisites: PHYS UN1201, PHYS UN1202

This course is the laboratory for the corequisite lecture course (*PHYS UN1201 - PHYS UN1202*) and can be taken only during the same term as the corresponding lecture.

Spring 2020: PHYS UN1292

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1292	001/15936	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	002/15937	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	003/15938	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	004/15939	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	005/15940	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	007/15941	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	008/15942	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	009/15943	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	010/15944	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	011/15945	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	8/15
PHYS 1292	013/15946	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	014/15947	W 1:00pm - 4:00pm	Giuseppina Cambareri	1	15/15

		5th Flr Pupin Laboratories			
PHYS 1292	015/15948	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1292	016/15949	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	4/15
PHYS 1292	017/15951	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15
PHYS 1292	018/15953	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1292	019/15954	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	020/15955	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	4/15
PHYS 1292	022/15957	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	7/15
PHYS 1292	023/15956	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15

PHYS UN1401 Introduction To Mechanics and Thermodynamics. *3 points.*

CC/GS: Partial Fulfillment of Science Requirement

Corequisites: MATH UN1101

Fundamental laws of mechanics, kinematics and dynamics, work and energy, rotational dynamics, oscillations, gravitation, fluids, temperature and heat, gas laws, the first and second laws of thermodynamics. Corequisite: MATH UN1101 or the equivalent.

Fall 2019: PHYS UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1401	001/47035	M W 1:10pm - 2:25pm 301 Pupin Laboratories	Abhay Pasupathy	3	149/160
PHYS 1401	002/47036	T Th 10:10am - 11:25am 428 Pupin Laboratories	Tanya Zelevinsky	3	129/140

PHYS UN1402 Introduction To Electricity, Magnetism, and Optics. *3 points.*

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1401

Corequisites: MATH UN1102

Electric fields, direct currents, magnetic fields, alternating currents, electromagnetic waves, polarization, geometrical optics, interference, and diffraction. Corequisite: MATH UN1102
Calculus II or equivalent.

Spring 2020: PHYS UN1402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1402	001/15891	M W 1:10pm - 2:25pm 301 Pupin Laboratories	Georgia Karagiorgi	3	142/160
PHYS 1402	002/15893	T Th 10:10am - 11:25am 428 Pupin Laboratories	Tanya Zelevinsky	3	160/160

PHYS UN1403 Introduction to Classical and Quantum Waves. *3 points.*

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1402 *PHYS W1402.*

Corequisites: *MATH V1201* or the equivalent.

Classical waves and the wave equation, Fourier series and integrals, normal modes, wave-particle duality, the uncertainty principle, basic principles of quantum mechanics, energy levels, reflection and transmission coefficients, applications to atomic physics.

Fall 2019: PHYS UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1403	002/47081	M W 11:40am - 12:55pm 428 Pupin Laboratories	Rachel Rosen	3	104/150

PHYS UN1493 Introduction to Experimental Physics. *3 points.*

Prerequisites: PHYS UN1401 and PHYS UN1402

Laboratory work associated with the two prerequisite lecture courses. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics. Note: Students cannot receive credit for both *PHYS UN1493* and *UN1494*.

PHYS UN1494 Introduction to Experimental Physics. *3 points.*

Prerequisites: PHYS UN1401 and PHYS UN1402

Laboratory work associated with the prerequisite lecture course. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics.

Fall 2019: PHYS UN1494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1494	001/47008	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	001/47008	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	002/47009	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	10/15
PHYS 1494	002/47009	T 7:30pm - 10:30pm	Guanhao Sun	3	10/15

		5th Flr Pupin Laboratories			
PHYS 1494	003/47010	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	13/15
PHYS 1494	003/47010	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	13/15
PHYS 1494	004/47011	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	004/47011	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	006/47013	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	006/47013	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	007/47014	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	007/47014	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	009/47016	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	8/15
PHYS 1494	009/47016	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	8/15
PHYS 1494	010/47017	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	010/47017	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	011/47018	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	10/15
PHYS 1494	011/47018	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	10/15
PHYS 1494	012/47019	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	13/15
PHYS 1494	012/47019	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Guanhao Sun	3	13/15

Spring 2020: PHYS UN1494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1494	001/15969	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	2/15
PHYS 1494	001/15969	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	2/15
PHYS 1494	002/15970	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	5/15
PHYS 1494	002/15970	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Guanhao Sun	3	5/15

PHYS 1494	003/15971	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	15/15
PHYS 1494	003/15971	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	15/15
PHYS 1494	004/15972	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	13/15
PHYS 1494	004/15972	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	13/15
PHYS 1494	005/15973	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	005/15973	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	006/15974	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	15/15
PHYS 1494	006/15974	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	15/15
PHYS 1494	007/15975	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	007/15975	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Guanhao Sun	3	7/15
PHYS 1494	008/15976	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Guanhao Sun	3	14/15
PHYS 1494	008/15976	T 3:00pm - 3:55pm 428 Pupin Laboratories	Guanhao Sun	3	14/15

PHYS UN1601 Physics, I: Mechanics and Relativity. 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Corequisite: MATH UN1102 Calculus II or equivalent.

Fundamental laws of mechanics, kinematics and dynamics, work and energy, rotational dynamics, oscillations, gravitation, fluids, introduction to special relativity and relativistic kinematics. The course is preparatory for advanced work in physics and related fields.

Fall 2019: PHYS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1601	001/47020	T 'Th 10:10am - 11:25am 301 Pupin Laboratories	Jeremy Dodd	3.5	152/180

PHYS UN1602 Physics, II: Thermodynamics, Electricity, and Magnetism. 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1601 Corequisite: MATH UN1201 or equivalent.

Temperature and heat, gas laws, the first and second laws of thermodynamics, kinetic theory of gases, electric fields, direct currents, magnetic fields, alternating currents, electromagnetic waves. The course is preparatory for advanced work in physics and related fields.

Spring 2020: PHYS UN1602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1602	001/15894	T Th 10:10am - 11:25am 301 Pupin Laboratories	Jeremy Dodd	3.5	128/180

PHYS UN2001 Special Relativity. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a working knowledge of high school algebra, trigonometry, and physics. Some familiarity with calculus is useful but not essential.

This course is a comprehensive, one-semester introduction to the essential ideas and mathematical structures underlying Einstein's Special Theory of Relativity. Among the topics covered will be: the relativity of simultaneity, time dilation, Lorentz contraction, velocity combination laws, time dilation over large distances, the Lorentz transformation, spacetime diagrams, the basic (seeming) paradoxes of special relativity, relativistic equations of motion and $E = mc^2$.

PHYS UN2601 Physics, III: Classical and Quantum Waves. 3.5 points.

Prerequisites: PHYS UN1402 or PHYS UN1602 Corequisite: MATH UN1202 or equivalent.

Classical waves and the wave equation, geometrical optics, interference and diffraction, Fourier series and integrals, normal modes, wave-particle duality, the uncertainty principle, basic principles of quantum mechanics, energy levels, reflection and transmission coefficients, the harmonic oscillator. The course is preparatory for advanced work in physics and related fields.

Fall 2019: PHYS UN2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2601	001/47021	M W 2:40pm - 3:55pm 329 Pupin Laboratories	Sebastian Will	3.5	43/100

PHYS UN2699 Experiments in Classical and Modern Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PHYS UN1601 or PHYS UN1401) and (PHYS UN1602 or PHYS UN1402) and PHYS UN2601 *PHYS W1601* (or *W1401*), *W1602* (or *W1402*), and *W2601*.

Laboratory work associated with the three prerequisite lecture courses. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics.

PHYS UN2801 Accelerated Physics I. 4.5 points.

Prerequisites: Advanced Placement in physics and mathematics, or the equivalent, and the instructor's permission. (A special placement meeting is held during Orientation.)

This accelerated two-semester sequence covers the subject matter of *PHYS UN1601*, *PHYS UN1602* and *PHYS UN2601*, and is intended for those students who have an exceptionally strong background in both physics and mathematics. The course is preparatory for advanced work in physics and related fields. There is no accompanying laboratory; however, students are encouraged to take the intermediate laboratory, *PHYS UN3081*, in the following year.

Fall 2019: PHYS UN2801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2801	001/47080	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Brian Cole	4.5	46/100

PHYS UN2802 Accelerated Physics II. 4.5 points.

Prerequisites: PHYS UN2801

This accelerated two-semester sequence covers the subject matter of *PHYS UN1601*, *PHYS UN1602* and *PHYS UN2601*, and is intended for those students who have an exceptionally strong background in both physics and mathematics. The course is preparatory for advanced work in physics and related fields. There is no accompanying laboratory; however, students are encouraged to take the intermediate laboratory, *PHYS UN3081*, in the following year.

Spring 2020: PHYS UN2802

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2802	001/15896	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Brian Cole	4.5	40/70

PHYS UN2804 Disc Section Accelerated Physics II. 0 points.

Required discussion section for PHYS UN2802 Accelerated Physics II.

Spring 2020: PHYS UN2804

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2804	001/16366	W 5:10pm - 6:00pm Room TBA	Brian Cole	0	15/30
PHYS 2804	002/16367	Th 7:10pm - 8:00pm Room TBA	Brian Cole	0	24/30

PHYS UN3002 From Quarks To the Cosmos: Applications of Modern Physics. 3.5 points.

Not offered during 2019-20 academic year.

Prerequisites: PHYS UN2601 or PHYS UN2802

This course reinforces basic ideas of modern physics through applications to nuclear physics, high energy physics, astrophysics and cosmology. The ongoing Columbia research programs in these

fields are used as practical examples. The course is preparatory for advanced work in physics and related fields.

PHYS UN3003 Mechanics. 3 points.

Prerequisites: general physics, and differential and integral calculus.

Newtonian mechanics, oscillations and resonance, conservative forces and potential energy, central forces, non-inertial frames of reference, rigid body motion, an introduction to Lagrange's formulation of mechanics, coupled oscillators, and normal modes.

Spring 2020: PHYS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3003	001/15897	M W 10:10am - 11:25am 329 Pupin Laboratories	John Parsons	3	41/70

PHYS UN3007 Electricity and Magnetism. 3 points.

Prerequisites: general physics, and differential and integral calculus.

Electrostatics and magnetostatics, Laplace's equation and boundary-value problems, multipole expansions, dielectric and magnetic materials, Faraday's law, AC circuits, Maxwell's equations, Lorentz covariance, and special relativity.

Fall 2019: PHYS UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3007	001/47001	M W 11:40am - 12:55pm 329 Pupin Laboratories	Alfred Mueller	3	45/100

PHYS UN3008 Electromagnetic Waves and Optics. 3 points.

Prerequisites: PHYS UN3008

Maxwell's equations and electromagnetic potentials, the wave equation, propagation of plane waves, reflection and refraction, geometrical optics, transmission lines, wave guides, resonant cavities, radiation, interference of waves, and diffraction.

Spring 2020: PHYS UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3008	001/15898	M W 11:40am - 12:55pm 329 Pupin Laboratories	Alfred Mueller	3	41/70

PHYS UN3072 Seminar in Current Research Problems. 2 points.

May be taken for Pass/Fail credit only.

A detailed study of a selected field of active research in physics. The motivation, techniques, and results obtained to the present, as well as the difficulties and unsolved problems. For Physics majors only. Priority given to seniors; juniors by permission of the instructor.

Spring 2020: PHYS UN3072

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PHYS 3072	001/15899	T 5:30pm - 6:45pm 705 Pupin Laboratories	Yasutomo Uemura	2	25/25
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PHYS UN3081 Intermediate Laboratory Work. 2 points.

May be repeated for credit by performing different experiments. The laboratory has available fifteen individual experiments, of which two are required per 2 points.

Prerequisites: phys UN2601 or phys un2802 Primarily for junior and senior physics majors; other majors must obtain the instructor's permission.

Each experiment is chosen by the student in consultation with the instructor. Each section meets one afternoon per week, with registration in each section limited by the laboratory capacity. Experiments (classical and modern) cover topics in electricity, magnetism, optics, atomic physics, and nuclear physics.

Fall 2019: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/47022	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Cory Dean	2	5/8
PHYS 3081	002/47023	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	7/15
PHYS 3081	003/47024	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	13/15

Spring 2020: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/15900	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Dmitri Basov	2	8/8
PHYS 3081	002/15901	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Sebastian Will	2	10/10
PHYS 3081	003/15902	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	12/15

PHYS UN3083 Electronics Laboratory. 3 points.

Enrollment limited to the capacity of the laboratory.

Prerequisites: PHYS UN3003 or PHYS UN3007 May be taken before or concurrently with this course.

A sequence of experiments in solid-state electronics, with introductory lectures.

Spring 2020: PHYS UN3083

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3083	001/15903	M W 1:10pm - 4:00pm 5th Flr Pupin Laboratories	John Parsons	3	12/12

PHYS UN3500 Supervised Readings in Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the written permission of the faculty member who agrees to act as supervisor, and the director of undergraduate studies' permission.

Readings in a selected field of physics under the supervision of a faculty member. Written reports and periodic conferences with the instructor.

Fall 2019: PHYS UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3500	001/47025		Jeremy Dodd	3	2/5

PHYS UN3900 Supervised Individual Research. 1-5 points.

Prerequisites: the written permission of the faculty member who agrees to act as supervisor, and the director of undergraduate studies' permission.

For specially selected physics majors, the opportunity to do a research project in contemporary physics under the supervision of a faculty member. A detailed report on the research is presented by the student when the project is completed.

Fall 2019: PHYS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/47044		Jeremy Dodd	1-5	4/20

PHYS GU4003 Advanced Mechanics. 3 points.

Prerequisites: differential and integral calculus, differential equations, and PHYS UN3003 or the equivalent.

Lagrange's formulation of mechanics, calculus of variations and the Action Principle, Hamilton's formulation of mechanics, rigid body motion, Euler angles, continuum mechanics, introduction to chaotic dynamics.

Spring 2020: PHYS GU4003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4003	001/15909	M W 4:10pm - 5:25pm Room TBA	James Hill	3	15/45

PHYS GU4011 Particle Astrophysics and Cosmology. 3 points.

Prerequisites: (PHYS UN1403 or PHYS UN2601 or PHYS UN2802) and (MATH UN1202 or MATH UN1208) students are recommended but not required to have taken PHYS UN3003 and PHYS UN3007.

An introduction to the basics of particle astrophysics and cosmology. Particle physics - introduction to the Standard Model and supersymmetry/higher dimension theories; Cosmology – Friedmann-Robertson-Walker line element and equation for expansion of universe; time evolution of energy/matter density from the Big Bang; inflationary cosmology; microwave background theory and observation; structure formation; dark energy; observational tests of geometry of universe and expansion; observational evidence for dark matter; motivation for existence of dark matter from particle physics; experimental searches of dark matter; evaporating and primordial black holes; ultra-high energy phenomena (gamma-rays and cosmic-rays).

Spring 2020: PHYS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4011	001/15910	M W 1:10pm - 2:25pm 425 Pupin Laboratories	Charles Hailey	3	7/30

PHYS GU4012 String Theory. 3 points.

Prerequisites: PHYS UN3003 and PHYS UN3008 and PHYS GU4021 . PHYS GU4023 would be helpful but is not required. Students should have some familiarity with tools for graphical presentation and numeric problem solving such as Mathematica and/or MatLab.

This course is intended as an introduction to string theory for undergraduates. No advanced graduate-level preparation is assumed, and the material will be covered at (no higher than) the advanced undergraduate level. Advanced topics such as supersymmetry, T-duality, and covariant quantization will not be covered. The focus will be on the dynamics of classical and quantum mechanical strings, with an emphasis on integrating undergraduate material in classical mechanics, relativity, electrodynamics and quantum mechanics.

PHYS GU4018 Solid-State Physics. 3 points.

Prerequisites: PHYS GU4021 and PHYS GU4023 or the equivalent.

Introduction to solid-state physics: crystal structures, properties of periodic lattices, electrons in metals, band structure, transport properties, semiconductors, magnetism, and superconductivity.

Spring 2020: PHYS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4018	001/15904	T Th 2:40pm - 3:55pm 420 Pupin Laboratories	Aron Pinczuk	3	17/30

PHYS GU4019 Mathematical Methods of Physics. 3 points.

Prerequisites: PHYS UN3003 and PHYS UN3007 and differential and integral calculus; linear algebra; or the instructor's permission.

This course will present a wide variety of mathematical ideas and techniques used in the study of physical systems. Topics will include: ordinary and partial differential equations; generalized functions; integral transforms; Green's functions; nonlinear equations, chaos, and solitons; Hilbert space and linear operators; Feynman path integrals; Riemannian manifolds; tensor analysis; probability and statistics. There will also be a discussion of applications to classical mechanics, fluid dynamics, electromagnetism, plasma physics, quantum mechanics, and general relativity.

Fall 2019: PHYS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4019	001/47027	M W 10:10am - 11:25am	Alberto Nicolis	3	18/100

420 Pupin
Laboratories

PHYS GU4021 Quantum Mechanics I. 3 points.

Prerequisites: PHYS UN3003 and PHYS UN3007

Formulation of quantum mechanics in terms of state vectors and linear operators. Three dimensional spherically symmetric potentials. The theory of angular momentum and spin. Identical particles and the exclusion principle. Methods of approximation. Multi-electron atoms.

Fall 2019: PHYS GU4021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4021	001/47002	T Th 11:40am - 12:55pm 420 Pupin Laboratories	William Zajc	3	39/100

PHYS GU4022 Quantum Mechanics II. 3 points.

Prerequisites: PHYS GU4021. Formulation of quantum mechanics in terms of state vectors and linear operators, three-dimensional spherically symmetric potentials, the theory of angular momentum and spin, time-independent and time-dependent perturbation theory, scattering theory, and identical particles. Selected phenomena from atomic physics, nuclear physics, and elementary particle physics are described and then interpreted using quantum mechanical models.

Spring 2020: PHYS GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4022	001/15912	T Th 1:10pm - 2:25pm 329 Pupin Laboratories	William Zajc	3	30/60

PHYS GU4023 Thermal and Statistical Physics. 3 points.

Prerequisites: PHYS GU4021 or the equivalent.

Thermodynamics, kinetic theory, and methods of statistical mechanics; energy and entropy; Boltzmann, Fermi, and Bose distributions; ideal and real gases; blackbody radiation; chemical equilibrium; phase transitions; ferromagnetism.

Fall 2019: PHYS GU4023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4023	001/47045	T Th 1:10pm - 2:25pm 329 Pupin Laboratories	Andrew Millis	3	32/100

PHYS GU4024 Applied Quantum Mechanics. 3 points.

Prerequisites: (PHYS GU4021 and PHYS GU4022)

In this course, we will learn how the concepts of quantum mechanics are applied to real physical systems, and how they enable novel applications in quantum optics and quantum information. We will start with microscopic, elementary quantum systems – electrons, atoms, and ions - and understand how light interacts with atoms. Equipped with these foundations, we will discuss fundamental quantum applications, such as atomic clocks, laser cooling and ultracold quantum gases - a

synthetic form of matter, cooled down to just a sliver above absolute zero temperature. This leads us to manybody quantum systems. We will introduce the quantum physics of insulating and metallic behavior, superfluidity and quantum magnetism – and demonstrate how the corresponding concepts apply both to real condensed matter systems and ultracold quantum gases. The course will conclude with a discussion of the basics of quantum information science - bringing us to the forefront of today's quantum applications.

PHYS GU4040 Introduction to General Relativity. 3 points.

Prerequisites: PHYS UN3003 and PHYS UN3007 or the equivalent.

Tensor algebra, tensor analysis, introduction to Riemann geometry. Motion of particles, fluid, and fields in curved spacetime. Einstein equation. Schwarzschild solution; test-particle orbits and light bending. Introduction to black holes, gravitational waves, and cosmological models.

Fall 2019: PHYS GU4040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4040	001/47082	M W 4:10pm - 5:25pm 420 Pupin Laboratories	Janna Levin, 3 Rachel Rosen	3	10/70

PHYS GU4050 Introduction to Particle Physics. 3 points.

Prerequisites: PHYS UN2601 or PHYS UN2802 or the equivalent.

This course covers the Standard Model of Particle Physics, including its conception, successes, and limitations, with the goal of introducing upper-level physics majors to the foundations and current status of particle physics as a field of research. Specific topics to be covered include: historical introduction and review of the Standard Model; particle interactions and particle dynamics; relativistic kinematics; Feynman calculus, quantum electrodynamics, quantum chromodynamics, and weak interactions; electroweak unification and the Higgs mechanism; neutrino oscillations; and beyond-standard model physics and evidence. Along the way, students will research special topics and familiarize themselves with particle physics research.

Fall 2019: PHYS GU4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4050	001/17954	M W 2:40pm - 3:55pm 705 Pupin Laboratories	Georgia Karagiorgi	3	8/20

POLITICAL SCIENCE

Departmental Office: 710 International Affairs Building;
212-854-3707

<http://www.polisci.columbia.edu>

Director of Undergraduate Studies:

Prof. David Johnston, 720 International Affairs Building;
212-854-3955; d (ajn1@columbia.edu)cj1@columbia.edu
(dcj1@columbia.edu)

Economics-Political Science Advisers:

Economics: Prof. Susan Elmes, Director of Undergraduate Studies,
1006 International Affairs Building; se5@columbia.edu

Political Science: Prof. Michael Ting, 701 International Affairs
Building; 212-854-7945; mmt2033@columbia.edu

Political Science-Statistics Advisers:

Political Science: Prof. Andrew Gelman, 1016 Social Work
Building; 212-851-2142; gelman@stat.columbia.edu
(gelman@stat.columbia.edu)

Statistics: Prof. Banu Baydil, 612 West 115th Street, Room
611; 212-853-1397; bb2717@columbia.edu

Statistics: Prof. Ronald Neath, 612 West 115th Street, Room
612; 212-853-1398; rcn2112@columbia.edu

The discipline of political science focuses on issues of power and governance and, in particular, on political institutions, both formal and informal. It also focuses on political behavior, political processes, political economy, and state-society relations.

The field consists of four substantive subfields: *American politics*, which covers such topics as national and local politics, elections, and constitutional law; *comparative politics*, which aims at understanding the political systems of other countries, both by studying individual states and by engaging in cross-national comparisons; *international relations*, which deals with the ways that states and other political actors behave in the international arena, including such topics as security, foreign policies, international organizations, and international economic relations; and *political theory*, which analyzes the history of normative political thought as well as of analytic concepts such as the nature of justice or liberty.

Other broad topics, such as “political economy,” or the study of the relationships between economic and political processes, overlap with the subfields, but also constitute a separate program (see below). Methodology, including statistical analysis and formal modeling, also occupies an important place in the discipline.

ADVANCED PLACEMENT

The department grants credit toward the major for work completed under the College Entrance Examination Board (CEEB) Advanced Placement Program. Students receive 3 academic credits and exemption from POLS UN1201 Introduction To American Government and Politics or POLS UN1501 Introduction to Comparative Politics for scores of 5 in the United States and Comparative Government and Politics AP Exams.

ADVISING

The Department of Political Science offers a variety of advising resources to provide undergraduate majors and concentrators

with the information and support needed to successfully navigate through the program. These resources are described below.

Undergraduate Advising Office

Students should take questions or concerns about the undergraduate program to the department's undergraduate advising office first. If advisers cannot answer a student's question, they then refer the student to the appropriate person.

The undergraduate advising office is staffed by a political science Ph.D. student who holds open office hours at least once per week (the schedule can be found on-line at <https://polisci.columbia.edu/content/undergraduate-advising> (<https://polisci.columbia.edu/content/undergraduate-advising/>)). Students should stop by during these hours with questions about requirements, course selection, course of study, transfer and study abroad credit, and any other aspect of the program. Students may also reach the adviser by email at polisciadvising@columbia.edu.

Students should also visit the undergraduate advising office for assistance in completing the political science program planning form (available in the office, or on-line at <https://polisci.columbia.edu/content/undergraduate-forms-library> (<https://polisci.columbia.edu/content/undergraduate-forms-library/>)). The advisers must sign and date this form in the approval column next to any listed class that requires approval to be counted toward the program (transfer courses, non-traditional courses, etc.). These forms cannot be completed by faculty advisers. Each student's planning form is kept on file in the department, so that each semester they may meet with an adviser to update it.

The advisers are also available to speak with students about more substantive issues, including research interests, internships, and post-college plans. Since the advisers have been through the graduate school application process, they are great resources with whom students may discuss the process. Also, because they are current Ph.D. students in the department, they are familiar with the research interests of political science faculty and can therefore refer students to a professor for thesis advice, a research assistant job, or a faculty member whose research corresponds to the student's interests.

Requesting a Faculty Adviser

Often the best way for students to obtain advising from a faculty member is to contact a professor with whom they have taken a class in an area of interest. Students also have the option of having a faculty adviser assigned by the department. To request a faculty adviser, students should complete the Faculty Adviser Request Form and submit it to the undergraduate coordinator during the first two weeks of the semester.

Students may consult with their faculty adviser for any substantive issue, but still must visit walk-in advising hours to have courses approved, to fill out and update planning forms, and to discuss departmental requirements and regulations.

Director of Undergraduate Studies

The director of undergraduate studies oversees the undergraduate program and is available during office hours. While a student's first stop for advising should be the undergraduate advising office, the director of undergraduate studies is available to answer any questions that the undergraduate advisers or the undergraduate coordinator cannot. In such cases, the undergraduate coordinator and advisers refer students to the director of undergraduate studies.

Economics–Political Science Adviser

Economics–political science majors may consult with the economics–political science adviser during office hours. Please note that students should also see an undergraduate adviser to discuss major requirements and fill out a planning form. For any questions about the economics–political science program that an undergraduate adviser cannot answer, students are referred to the economics–political science adviser.

Political Science–Statistics Adviser

Political science–statistics majors may consult with the political science–statistics adviser during office hours. Please note that students should also see an undergraduate adviser to discuss major requirements and fill out a planning form. For any questions about the political science–statistics program that an undergraduate adviser cannot answer, students are referred to the political science–statistics adviser.

Faculty At-Large

Students are encouraged to contact any professor for advice during his or her office hours, or by appointment, to discuss interests in political science, course selection, and other academic or post-college issues. The faculty may provide advice about graduate schools, suggest literature that the student might consult as sources for research, recommend specific courses or professors based on the student's interests, or offer information about research opportunities with faculty. However, students should note that any issues surrounding departmental regulations and requirements, major certification, course approvals, etc., are addressed at the undergraduate advising office.

HONORS PROGRAM

The department offers the Honors Program for a limited number of seniors who want to undertake substantial research projects and write honors theses. The honors thesis is expected to be at least 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 regular seminars to fulfill other course requirements for the major. Theses are due in late March or early April. To be awarded departmental honors, the student must satisfy all the requirements for the major, maintain

a 3.6 GPA in the major, and complete a thesis of sufficiently high quality to merit honors.

The honors seminar director provides general direction for the seminar. The honors seminar director supervises all students; each student also works with a faculty member in his or her major subfield (American politics, comparative politics, international relations, or political theory) and a preceptor. The honors seminar meets weekly for part of the year and addresses general issues involved in research and thesis writing, such as how to develop research questions and projects, methodology, sources of evidence, and outlining and drafting long papers. The sessions are also used for group discussions of students' research and thesis presentations. Students are also expected to meet periodically with the supervising professor and preceptor.

Students who wish to apply to the Honors Program must notify the department in writing by the end of the spring semester of the junior year. Please check the department website for the official deadline. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Applicants are required to have already completed the methods requirement for the major.

Application Materials

Applications to the Honors Program must include the following:

1. A cover page with the student's name, CUID number, e-mail address, and school (Columbia College or General Studies);
2. An official transcript, which may be obtained from the Office of the Registrar (<http://www.registrar.columbia.edu/>) in Kent Hall, or from Student Services Online (<https://ssol.columbia.edu/>) (SSOL);
3. A writing sample, preferably a paper written for a political science course;
4. A brief description (no more than one page) of a possible thesis topic.

Complete applications should be sent to:

Department of Political Science
Attn: Departmental Honors
420 West 118th Street
Mail Code 3320
New York, NY 10027

In addition, students are encouraged to find a faculty sponsor for their thesis proposal. Students who have identified a faculty sponsor should indicate the sponsor in the proposal; students without a faculty sponsor should identify a faculty member with whom they would like to work. Research areas for the political science department faculty are listed on the department's website (<http://www.columbia.edu/cu/polisci/>). Students will be notified by e-mail of the decision taken on their applications before fall registration.

Students who are not accepted into the honors seminar, or who decide after the application deadline that they would like to write an honors thesis may take one or two semesters of *Special Reading*

and Research in order to write a thesis to submit for honors consideration.

Students who are not accepted into the honors seminar or who decide after the application deadline that they would like to write an honors thesis may take one or two semesters of *Independent Study* in order to write a thesis to submit for honors consideration.

For registration information and more details about this process, students should contact the undergraduate coordinator. Students may also submit for honors consideration a paper written for a class. Note that most honors theses are at least 75 pages in length. All theses must be submitted along with a confidential assessment of the paper by the supervising instructor in order to be considered for departmental honors. Students who choose this path must also complete all the requirements for the major and maintain a minimum major GPA of 3.6. Theses are due in late March or early April, and decisions about departmental honors are announced in May.

DEPARTMENTAL PRIZES AND FELLOWSHIPS

The Department of Political Science administers the following prizes and awards. Unless otherwise noted, students do not play an active part in the nomination process. Rather, faculty members nominate students at their own discretion. Departmental prizes are reserved for political science majors.

Charles A. Beard Prize

A cash prize awarded every other year to the student who writes the best paper in political science during the academic year.

Caroline Phelps Stokes Prize

A cash prize established at the bequest of Caroline Phelps Stokes is awarded to a student who has been a degree candidate at Columbia College or Barnard College for at least one academic year, and who has written the best essay in course or seminar work on the general subject of human rights.

Allan J. Willen Memorial Prize

A cash prize awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem.

Edwin Robbins Academic Research/Public Service Fellowship

The Robbins Fellowship provides a stipend each summer for at least two political science students in Columbia College who will be engaged in research in important matters of politics or policy making or who will be working, without other compensation, as interns in a governmental office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

The Arthur Ross Foundation Award

A cash prize awarded to GS students for excellence in the field of political science.

Phyllis Stevens Sharp Fellowship in American Politics

The Phyllis Stevens Sharp Endowment Fund provides stipends each year during either academic semester or the summer for one or more Columbia College or School of General Studies students majoring or concentrating in political science to support research in American politics or policy making, or otherwise uncompensated internships in a government office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

EARLY ADMISSION TO THE MASTER'S DEGREE PROGRAM IN POLITICAL SCIENCE FOR COLUMBIA AND BARNARD POLITICAL SCIENCE UNDERGRADUATES

While the Department of Political Science does not offer a joint bachelor of arts/master's degree, it does allow Columbia and Barnard undergraduates to apply for early admission to its master's degree program. This enables qualified undergraduates majoring or concentrating in political science to obtain the B.A. degree and M.A. degree in fewer than five years (ten semesters) from the time of their entrance into Columbia or Barnard, if they fulfill the M.A. course and residency requirements through summer course work after receiving the B.A. or accelerated study during the course of their undergraduate career.

Students should apply during the fall semester of their senior year for admission to the M.A. program in the following fall semester, after completion of the B.A. degree. The department and the Graduate School of Arts and Sciences may award up to one-half residence unit of advanced standing and/or up to three courses (nine to twelve credits) of transfer credit for graduate courses (4000-level and above) taken at Columbia in excess of the requirements for the Columbia bachelor's degree, as certified by the dean of the undergraduate school awarding the bachelor's degree.

For further information about the application process and minimum qualifications for early admission, please contact the director of undergraduate studies.

For further information about requirements for the M.A. degree, see <https://gsas.columbia.edu/degree-programs/ma-programs/political-science> (<https://gsas.columbia.edu/degree-programs/ma-programs/political-science/>).

PROFESSORS

Richard K. Betts

Jagdish Bhagwati (also Economics)

Alessandra Casella (also Economics)
 Partha Chatterjee (Anthropology)
 Jean L. Cohen
 Michael Doyle (also School of International and Public Affairs;
 Law School)
 Jon Elster
 Robert Erikson
 Virginia Page Fortna
 Timothy Frye
 Ester Fuchs (School of International and Public Affairs)
 Andrew Gelman (also Statistics)
 Donald P. Green
 Bernard Harcourt (Law)
 Fredrick Harris
 Jeffrey Henig (Teachers College)
 Shigeo Hirano
 John Huber
 Macartan Humphreys
 Robert Jervis
 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
 Kenneth Prewitt (School of International and Public Affairs)
 Robert Y. Shapiro
 Jack Snyder
 Michael Ting (also School of International and Public Affairs)
 Nadia Urbinati
 Gregory Wawro (Chair)
 Andreas Wimmer (also Sociology)
 Keren Yarhi-Milo (also School of International and Public Affairs)

ASSOCIATE PROFESSORS

Allison Carnegie
 Daniel Corstange (also School of International and Public Affairs)
 Turkuler Isiksel
 Kimuli Kasara
 Tonya Putnam

ASSISTANT PROFESSORS

Sarah Daly
 Nikhar Gaikwad
 John Marshall
 Carlo Prato

Joshua Simon
 Yamil Velez

LECTURERS

Michelle Chun
 Elise Giuliano
 Jessica Kimpell Johnson
 Lara Nettelield
 Chiara Superti
 Inga Winkler

ON LEAVE

Profs. Daly, Doyle, Frye, Fuchs, Humphreys, Katznelson, Prato
 (2019-2020)
 Profs. Carnegie, Corstange, Erikson, Phillips (*Fall 2019*)
 Profs. Betts, Green, Jervis, Mamdani, Marshall (*Spring 2020*)

GUIDELINES FOR ALL POLITICAL SCIENCE MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Planning Forms

Major Planning forms are available on the department website
 (<https://polisci.columbia.edu/content/undergraduate-forms-library/>).

Policy on Double-Counting Courses

- Policies about double-counting courses to fulfill requirements in more than one major may be found here:
 - Columbia College (<http://bulletin.columbia.edu/columbia-college/requirements-degree-bachelor-arts/>)
 - School of General Studies (<http://bulletin.columbia.edu/general-studies/undergraduates/degree-fulfillment/major/#double>)
- Courses in the Core Curriculum do not fulfill requirements for the Political Science major.

Policy on Counting Credits outside the Department of Political Science

- Courses taken at other institutions or other Columbia departments may not be used to meet the requirement of a major or concentration in political science without the approval of the Director of Undergraduate Studies or the department's undergraduate adviser. Students should secure such approval in advance of registration.

Pass/D/Fail and Grading Policy

- A grade of "Pass" is acceptable only for the first course taken toward the major or concentration.
 - The course used to fulfill the research methods requirement cannot be taken Pass/D/Fail.

- Students must receive a grade of at least C- in order for a course to count towards the major or concentration.

AP Credit Policy

- Students who receive transfer credit for one or more AP exams in political science may count a maximum of one AP course toward the major or concentration, contingent upon completing an upper-level (3000 or higher) course with a grade of C or higher in the subfield in which the AP exam was taken. All transfer credits must be approved by the Director of Undergraduate Studies or the undergraduate adviser (polisciadvicing@columbia.edu).

Transfer Credit Policy

- A maximum of three 3-point or 4-point courses in Political Science may be transferred from other institutions toward the major; a maximum of two courses in Political Science may be transferred toward the concentration and the two interdepartmental joint majors. This includes study abroad and AP credit. All transfer credits must be approved by the Director of Undergraduate Studies or the undergraduate adviser (polisciadvicing@columbia.edu).
- Students wishing to count transfer credits toward the major or concentration should send the undergraduate adviser (polisciadvicing@columbia.edu) their transfer credit report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

Independent Study Policy

- Independent Study (POLS UN3901 Independent Reading and Research I in the fall or POLS UN3902 Independent Reading and Research II in the spring) taken in fulfillment of course requirements for the major/concentration must be taken for at least 3 points of credit.

MAJOR IN POLITICAL SCIENCE

Program of Study

To be planned with the department as soon as the student starts to register for courses toward the major. Students should not wait until they formally declare the major before meeting with an undergraduate adviser during the registration period to plan their programs for the major.

Course Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The major in political science requires a minimum of 9 courses in political science, to be distributed as follows:

Introductory Courses

Students must take two of the following introductory courses:

POLS UN1201	Introduction To American Government and Politics
POLS UN1501	Introduction to Comparative Politics
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	Political Theory I

NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.

Primary Subfield

Minimum three courses.

Minor Subfield

Minimum two courses.

Seminars

Two 4-point 3000-level seminars, at least one of which is in the student's Primary Subfield.

(See "Seminars" section below for more information)

Research Methods *

Minimum one course in research methods. Courses that satisfy the research methods requirement are:

POLS UN3220	Logic of Collective Choice
POLS UN3704	Data Analysis and Statistics for Political Science Research
POLS UN3708	Empirical Research Methods
POLS UN3720	Scope and Methods
POLS GU4710	Principles of Quantitative Political Research
POLS GU4712	PRINC OF QUANT POL RESEARCH 2
POLS GU4714	Quantitative Methods I: Probability and Statistical Inference
POLS GU4730	Game Theory and Political Theory
POLS GU4732	Research Topics in Game Theory
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4768	Experimental Research: Design, Analysis and Interpretation
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives

Minimum one course (in any subfield).

- * A student may take another course inside or outside the department that provides relevant training in research methods to satisfy this requirement only with the written permission in advance of the Director of Undergraduate Studies or the department's undergraduate adviser. If a course outside the political science department is used to satisfy the research methods requirement, this same course cannot be used toward other majors/concentrations or programs.

Seminars

Students are expected to take two 3000-level 4-point seminars: one in their junior year and another in their senior year (with exceptions made for students on leave or studying abroad). They may choose from among the seminars offered, though at least one of the seminars taken must be in the student's Primary Subfield (that in which at least 9 other points have been completed). Entry into seminars requires instructor's permission.

For detailed seminar registration guidelines, see <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines/> or the department website (<https://polisci.columbia.edu/content/undergraduate-seminars/>). Seminars cannot be taken for R credit or Pass/D/Fail.

Barnard colloquia are open to students with the permission of the instructor. However, Barnard colloquia may **not** be used to fulfill the seminar requirement, though they may be used to fulfill subfield or elective requirements. Note that admission to Barnard colloquia is by application to the Barnard Political Science Department only. Please consult with the Barnard Political Science Department for more information.

Recommended Courses

In addition to political science courses, students are strongly advised, but not required, to take six points in a related social science field.

MAJOR IN ECONOMICS-POLITICAL SCIENCE

The major in economics-political science is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Political Science. Please note that the economics adviser can only advise on economics requirements and the political science adviser can only advise on political science requirements.

Course Requirements

For the political science part of the major, students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The corresponding introductory courses in both subfields must be taken, plus two electives in the Primary Subfield and one in the Secondary Subfield. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The economics-political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows:

Core Requirements in Economics

Students must take all of the following core economics courses:

ECON UN1105	Principles of Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON UN3412	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	Calculus-Based Introduction 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 Economy
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	Seminar in American Politics
or POLS UN3922	Seminar in American Politics
POLS UN3951	Seminar in Comparative Politics

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 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	Introduction To American Government and Politics
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Comparative Politics:

POLS UN1501	Introduction 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	Principles of Quantitative Political Research
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or POLS UN3704	Data Analysis and Statistics for Political Science Research
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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 ¹

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN2010	Linear Algebra
STAT UN1201	Calculus-Based Introduction to Statistics
STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models
STAT GU4206	Statistical Computing and Introduction to Data Science

or

Sequence B — recommended for students preparing to apply statistical methods to other fields

STAT UN1101	Introduction to Statistics
STAT UN2102	Applied Statistical Computing
STAT UN2103	Applied Linear Regression Analysis
STAT UN2104	Applied Categorical Data Analysis
STAT UN3105	Applied Statistical Methods
STAT UN3106	Applied Data Mining

Statistics Elective

–Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

1. Students taking Statistics Sequence A may replace the mathematics requirements with both MATH UN1207 Honors Mathematics A and MATH UN1208 Honors Mathematics B.

CONCENTRATION IN POLITICAL SCIENCE

Program of Study

To be planned with the department as soon as the student starts to register for courses toward the concentration. Students should not wait until they formally declare the concentration before meeting with an undergraduate adviser during the registration period to plan their programs for the concentration.

Concentration Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The concentration in political science requires a minimum of 7 courses in political science, to be distributed as follows:

Introductory Courses

Students must take two of the following introductory courses:

POLS UN1201	Introduction To American Government and Politics
POLS UN1501	Introduction to Comparative Politics
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	Political Theory I

NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.

Primary Subfield

Minimum two courses.

Secondary Subfield

Minimum two courses.

Research Methods *

Minimum one course in research methods. Courses that satisfy the methods requirement are:

POLS UN3220	Logic of Collective Choice
POLS UN3704	Data Analysis and Statistics for Political Science Research
POLS UN3708	Empirical Research Methods
POLS UN3720	Scope and Methods
POLS GU4710	Principles of Quantitative Political Research
POLS GU4712	PRINC OF QUANT POL RESEARCH 2
POLS GU4714	Quantitative Methods I: Probability and Statistical Inference
POLS GU4730	Game Theory and Political Theory
POLS GU4732	Research Topics in Game Theory
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4768	Experimental Research: Design, Analysis and Interpretation
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives

Minimum two courses (in any subfield).

* A student may take another course inside or outside the department that provides relevant training in research methods to satisfy this requirement only with the written permission in advance of the Director of Undergraduate Studies or the department's undergraduate adviser. If a course outside the political science department is used to satisfy the research methods requirement, this same course cannot be used toward other majors/concentrations or programs.

Recommended Courses

In addition to courses in political science, students are strongly advised, but not required, to take six credits in a related social science field.

AMERICAN POLITICS

POLS UN1201 Introduction To American Government and Politics. 4 points.

Lecture and discussion. Dynamics of political institutions and processes, chiefly of the national government. Emphasis on the actual exercise of political power by interest groups, elites, political parties, and public opinion.

Fall 2019: POLS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1201	001/09110	T Th 8:40am - 9:55am 309 Havemeyer Hall	Michael Miller	4	325/320

Spring 2020: POLS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1201	001/00381	T Th 10:10am - 11:25am Room TBA	Michael Miller	4	119/120

POLS UN3208 State Politics. 3 points.

This course is intended to provide students with a detailed understanding of politics in the American states. The topics covered are divided into four broad sections. The first explores the role of the states in America's federal system of government. Attention is given to the basic features of intergovernmental relations and the historical evolution of American federalism. The second part of the course focuses on state-level political institutions. The organization and processes associated with the legislative, executive, and judicial branches are discussed in depth. The third section examines state elections, political parties, and interest groups. Finally, the course concludes by looking closely at various policy areas. Budgeting, welfare, education, and morality policy are among those considered.

Spring 2020: POLS UN3208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3208	001/10545	T Th 8:40am - 9:55am Room TBA	Justin Phillips	3	86/86

POLS UN3213 American Urban Politics. 3 points.

This course examines the pattern of political development in urban America, as the country's population has grown in urbanized locations. It explores the process by which cities and suburbs are governed, how immigrants and migrants are incorporated, and how people of different races and ethnicities interact in urbanized settings as well as the institutional relations of cities and suburbs with other jurisdictions of government. The course focuses both on the historical as well the theoretical understandings of politics in urban areas.

Spring 2020: POLS UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3213	001/14435	M W 6:10pm - 7:25pm Room TBA	Carlos Vargas-Ramos	3	86/86

POLS UN3220 Logic of Collective Choice. 3 points.

Much of politics is about combining individual preferences or actions into collective choices. We will make use of two theoretical approaches. Our primary approach will be social choice theory, which studies how we aggregate what individuals want into what the collective “wants.” The second approach, game theory, covers how we aggregate what individuals want into what the group gets, given that social, economic, and political outcomes usually depend on the interaction of individual choices. The aggregation of preferences or choices is usually governed by some set of institutional rules, formal or informal. Our main themes include the rationality of individual and group preferences, the underpinnings and implications of using majority rule, tradeoffs between aggregation methods, the fairness of group choice, the effects of institutional constraints on choice (e.g., agenda control), and the implications for democratic choice. Most of the course material is highly abstract, but these abstract issues turn up in many real-world problems, from bargaining between the branches of government to campus elections to judicial decisions on multi-member courts to the allocation of relief funds among victims of natural disasters to the scoring of Olympic events. The collective choice problem is one faced by society as a whole and by the smallest group alike.

Fall 2019: POLS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/99769	M W 10:10am - 11:25am 603 Hamilton Hall	Jeffrey Lax	3	30/38

POLS UN3222 The American Congress. 3 points.

Prerequisites: POLS UN1201 or the equivalent, or the instructor's permission.

Inquiry into the dynamics, organization, and policy-making processes of the American Congress. Particular emphasis on the relationship of legislators to constituents, lobbyists, bureaucrats, the president, and with one another.

Fall 2019: POLS UN3222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3222	001/47190	T Th 11:40am - 12:55pm 402 Chandler	Gregory Wawro	3	117/125

POLS UN3225 American Constitutional History. 4 points.

This Course is intended to look at key developments of American History through the prism of Supreme Court decisions and their aftermath. In essence, this Course will address three questions:

1. How did the Supreme Court reflect, and affect, historic patterns of U.S. development, and how did it impact the legal and economic framework of the United States? 2. How did the

Supreme Court respond to, or worsen, crises in U.S. history? 3. How did the perception of individual and collective rights and liberties, and of the function and role of Governments -- both Federal and State -- evolve over time?

Spring 2020: POLS UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3225	002/16028	T Th 1:10pm - 2:25pm Room TBA	Robert Tortoriello	4	28/27

POLS UN3285 Freedom of Speech and Press. 3 points.

Examines the constitutional right of freedom of speech and press in the United States. Examines, in depth, various areas of law, including extremist or seditious speech, obscenity, libel, fighting words, the public forum doctrine, and public access to the mass media. Follows the law school course model, with readings focused on actual judicial decisions.

Fall 2019: POLS UN3285

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3285	001/99768	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Lee Bollinger	3	142/199

AMERICAN POLITICS SEMINARS**POLS UN3921 Seminar in American Politics. 4 points.**

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: the instructor's permission. Pre-registration is not permitted.

Seminar in American Politics Seminar. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars> (<https://polisci.columbia.edu/content/undergraduate-seminars/>)

Fall 2019: POLS UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3921	001/99787	T 6:10pm - 8:00pm 612 Philosophy Hall	Martha Zebrowski	4	6/22
POLS 3921	002/99786	T 12:10pm - 2:00pm 711 International Affairs Bldg	Brigitte Nacos	4	20/22
POLS 3921	003/99785	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4	22/22
POLS 3921	004/13422	M 12:10pm - 2:00pm 711 International Affairs Bldg	Judith Russell	4	20/22
POLS 3921	005/47188	W 6:10pm - 8:00pm 711 International Affairs Bldg	Carlos Vargas-Ramos	4	18/22
POLS 3921	007/13255	M 10:10am - 12:00pm 802 International Affairs Bldg	Lincoln Mitchell	4	11/22

POLS 3921	008/14018	Th 4:10pm - 6:00pm	John Sivoletta	4	20/22
POLS 3921	009/14878	Th 4:10pm - 6:00pm	Yamil Velez	4	13/22
		201 80 Claremont			

POLS UN3922 Seminar in American Politics. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: POLS UN1201 or the equivalent, and the instructor's permission. Pre-registration is not permitted. Seminar in American Politics. Students who would like to register should join the electronic wait list.

For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars> (<https://polisci.columbia.edu/content/undergraduate-seminars/>)

Spring 2020: POLS UN3922

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3922	001/14443	W 10:10am - 12:00pm 711 International Affairs Bldg	Robert Erikson	4	0/20
POLS 3922	002/10547	T 6:10pm - 8:00pm 711 International Affairs Bldg	Martha Zebrowski	4	0/20
POLS 3922	003/10546	T 12:10pm - 2:00pm Room TBA	Brigitte Nacos	4	0/20
POLS 3922	004/10548	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4	0/20
POLS 3922	005/10549	M 12:10pm - 2:00pm 711 International Affairs Bldg	Judith Russell	4	2/20
POLS 3922	006/10550	W 6:10pm - 8:00pm 711 International Affairs Bldg	Gerrard Bushell	4	0/20
POLS 3922	007/14446	M 10:10am - 12:00pm 1302 International Affairs Bldg	Lincoln Mitchell	4	7/20
POLS 3922	008/14457	W 4:10pm - 6:00pm 711 International Affairs Bldg	Justin Phillips	4	17/20

POLS UN3930 Constitutional Law Seminar. 4 points.

Prerequisites: the instructor's permission.

This seminar explores major features of U.S. constitutional law through close examination of selected decisions of the U.S. Supreme Court. Through student discussion and some lecturing, the seminar addresses issues arising from the Constitution's allocation of power among the three branches of government; the allocation of powers between the National and State governments, including, in particular, the scope of Congress' regulatory powers; and the protection of the individual from arbitrary and discriminatory government conduct, including the protections of the Fifth, Fourteenth and Fifteenth Amendments against unequal treatment based on race, gender and sexual orientation, the evolution of the concept of liberty from its protection of

economic interests before the New Deal to its current role in protecting individual autonomy and privacy, and some aspects of the First Amendment's protection of freedom of speech and press. More generally the seminar aims to enhance understanding of some main aspects of our constitutional tradition and the judicial process by which it is elaborated.

Fall 2019: POLS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3930	001/99779	Th 2:10pm - 4:00pm 711 International Affairs Bldg	Sidney Rosdeitcher	4	17/17

COMPARATIVE POLITICS

POLS UN1501 Introduction to Comparative Politics. 4 points.

This course provides a broad overview of the comparative politics subfield by focusing on important substantive questions about the world today. The course is organized around four questions. First, why can only some people depend upon the state to enforce order? Second, how can we account for the differences between autocracies and democracies? Third, what different institutional forms does democratic government take? Finally, are some institutions more likely than others to produce desirable social outcomes such as accountability, redistribution, and political stability?

Fall 2019: POLS UN1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1501	001/99791	T Th 10:10am - 11:25am 517 Hamilton Hall	Kimuli Kasara	4	65/85

POLS UN3528 New and Old Forms of Political Protest. 3 points.

This course will introduce the students to the important topic of political protest. Each week we will address different aspects of the phenomenon: from the determinant to the actors and strategies of protest. We will discuss how the forms of protest have changed and the current role of the internet in general and social media in particular. Finally, we will discuss the role of the state and state repression, in particular censorship in the dynamics of protest. Since this is a comparative politics course, we will cover a range of different countries, including the United States, as well as both democratic and authoritarian regimes.

Spring 2020: POLS UN3528

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3528	001/10551	T Th 2:40pm - 3:55pm Room TBA	Chiara Superti	3	70/70

POLS GU4403 The Political Economy of China. 3 points.

The purpose of this course is to introduce MA students and advanced undergraduate students to critical issues surrounding China's political and economic affairs, both domestically and internationally. The course is organized into five sections. In the first section, it discusses China's imperial past and the Republican

Era. The next section covers China's radicalization under Mao. The third section investigates China's economic reform under Deng. The fourth section deals with the consequences of China's economic development. The fifth section focuses on the role China plays in international affairs and the implication of China's economic rise. It concludes with some discussion on China's economic future. Throughout the course, we will focus on identifying the key players and pay special attention to the preferences of these key players and the incentives and constraints facing them.

The course does not presume any prior knowledge of China or Chinese language, although some familiarity with basic concepts in political science or macroeconomics will be helpful.

Fall 2019: POLS GU4403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4403	001/14222	M W 11:40am - 12:55pm 825 Seeley W. Mudd Building	Tse Min Fu	3	32/33

POLS GU4406 Politics in Contemporary China. 4 points.

This course will be taught in Chinese.

This course focuses on the evolution of Chinese politics since the Chinese Communist Party (CCP) took power in 1949. It introduces and discusses the relationship between the two "three decades" (the three decades under Mao and the three decades of "reform and opening up"). More specifically, the course aims to (1) clarify some important historical facts, (2) analyze the ideological consideration of the "official" history sanctioned by the CCP and its epistemological impact, (3) make a comparison between official view and that of independent scholars about the history; (4) try to respond to some urgent problems faced by contemporary China, and (5) provide suggestions and principles for the reconstruction of the historiography of contemporary China. Students will learn how to understand the recent development Chinese politics, how to analyze the complex contemporary history and reality of China, and how to approach issues about China from a systematic perspective.

Spring 2020: POLS GU4406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4406	001/10553	T 12:10pm - 2:00pm Room TBA	Boshu Zhang	4	25/25

POLS GU4407 Nine Thought Trends in China. 4 points.

This course will be taught in Chinese.

Prerequisites: fluency in Chinese (the course will be taught in Chinese, and a large number of readings will be in Chinese). This is an elective course designed for both undergraduate and graduate students who are interested in the contemporary politics in China. The course focuses on nine major thought trends in China today that include 1) the Liberalism; 2) the New Authoritarianism; 3) the New Left; 4) Mao Left; 5) the Democratic Group within the Communist Party; 6) Governing

through Confucian Theory; 7) Constitutional Socialism; 8) the so-called "Neither-Left and Nor-Right" Governing Theory; and 9) the New Nationalism Calling Tough Foreign Policies. China is deep in the social and political transition process, and the thoughts and actions of intellectuals themselves have formed an important part in this transition. In this sense, the course not only helps understand the thoughts of intellectuals, but also better help understand today's China affairs as a whole.

Fall 2019: POLS GU4407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4407	001/99827	T 12:10pm - 2:00pm 302 Hamilton Hall	Boshu Zhang	4	16/27

POLS GU4423 Political Economy Theory and Methods: Elites and Institutions. 4 points.

This course examines political institutions and elite behavior from a political economy perspective. Students will rigorously examine contemporary debates, focusing on how incentives and institutions drive the actions of politicians, bureaucrats, and journalists. Students will use formal models and design-based causal inference to generate hypotheses, identify causal effects from developed and developing democracies, and ultimately seek to interpret them. Ultimately, the goals of this course are twofold. The substantive goal is to familiarize students with foundational theoretical arguments and frontier empirical evidence pertaining to central questions in political economy. The methodological goal is to empower students to implement research designs that can effectively address the substantive questions driving their research.

This course is primarily intended for PhD students in political science and other social sciences. The course will assume familiarity with graduate-level game theory and econometrics/statistics. Advanced undergraduate and masters students will be admitted on a case by case basis.

POLS GU4434 Ethnic Politics Across Post-Soviet Eurasia. 4 points.

Various forms of ethnic politics have characterized politics in many states throughout Eurasia since 1991, from nationalist separatism to violent conflict to political competition among ethnic minorities and majorities. This course is designed to encourage students to think deeply about the relationship between ethnicity and politics. We will consider several questions. First, why does ethnicity become politicized? We investigate this question by examining nationalist secessionism and ethnic conflict—phenomena that mushroomed at the end of the Cold War. We will focus on East Central Europe and the former Soviet Union, devoting special attention to the cases of Yugoslavia, the USSR, Moldova, Abkhazia and South Ossetia, and Chechnya. However, we will also study cases in which the dog didn't bark, i.e. places where nationalist mobilization and ethnic violence either did not occur, or emerged and then receded as in the ethnic republics of the Russian Federation (including the "Muslim" regions of Tatarstan and Bashkortostan, etc.). In the second part of the course, we will analyze ethnic politics after independent statehood was achieved throughout the post-Soviet space. How do

nationalist state-builders try to construct a nation and a state at the same time? Have they incorporated or discriminated against minorities living within “their” states? How have ethnic minorities responded? We will study Ukraine, the Baltics and Kazakhstan where ethnic Russians and Russian-speaking populations form large portions of the population, devoting particular attention to the crisis in Ukraine. We will also examine how the post-conflict regions of Bosnia and Kosovo have dealt with ethnic pluralism. These cases allow us to gain greater understanding of how multi-ethnic states use forms of federalism, consociationalism, and power-sharing as state-building strategies.

Fall 2019: POLS GU4434

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4434	001/14025	Th 11:10am - 1:00pm 1201 International Affairs Bldg	Elise Giuliano	4	16/28

POLS GU4447 Drug-trafficking, Politics and Development in Latin America. 4 points.

There is wide evidence that the war against drugs has had limited results and great unintended consequences: It has been a major contributor to violence and crime in the region, generating great economic loss, corruption in political elites and important development dilemmas in peripheral regions where the presence of the state was been historically very limited. The objective of the course is to explore the conditions and consequences of organized crime in the region, relations between drug-traffic and counter-insurgencies, and the origins and operations of transnational gangs. We will also analyze the effect of drug-trafficking in the behavior of political elites, in the capacity of the state to face and the consequences for government corruption and victimization of the justice system.

POLS GU4449 Cleavages, Conflicts and Bridges in Israeli Politics and Foreign Policy. 4 points.

Prerequisites: INSTRUCTOR PERMISSION REQUIRED
Conflicts, cleavages and contentiousness are a common feature of a democratic system of government in general. In this respect Israel is no exception. Apart from being the Start Up Nation and the Holy Land, in the minds of many around the world Israel is associated with conflict. Indeed, both internally and externally, Israeli politics is suffused with conflict and continuously has to live up to the challenge of preserving democracy in the presence of conflict. The achievements of Israel in the political, economic, international and social arenas were facilitated by the emergence of a pattern of politics, indeed, a political culture, that puts a strong emphasis on the pursuit of political accommodation among social groupings, political parties and ideological strands even at the expense of compromising their respective manifest interests, aspirations and programs. Moreover, the mobilization capabilities of Israel's governments have been remarkable by any standard. They were capable of inducing the citizens to accept willingly such burdens as high taxation, harsh economic measures and long conscript and reserve military service. Israel has done all these without loss of public support for its central political and

social institutions. This class will focus on conflicts, external and internal. We will examine social, economic and political cleavages within the state of Israel. We will study the Arab-Israeli conflict and in particular the interaction of Israel with the Palestinians over the years. Finally, we will examine broader circles in which Israeli foreign policy applies and in particular in the context of US-Israel relations and in regional conflicts in the aftermath of the Arab Spring and the Iran Deal.

POLS GU4453 Politics in Russia. 4 points.

This course begins by studying the late Soviet era—the 1970s through the collapse of the Soviet Union in 1991—in order to understand what kind of political system and political culture Russia inherited. We spend some time analyzing why and how the Soviet Union—a superpower for 75 years—disintegrated suddenly and for the most part, peacefully. Then, the bulk of the course focuses on state-building in the Russian Federation. Russia's effort to construct new political institutions, a functioning economy, and a healthy society represents one of the greatest political dramas of our time. Beginning with Yeltsin's presidency in 1991 and continuing through the current eras of Putin, Medvedev, and Putin again, we consider phenomena such as economic reform, nationalism, separatism, federalism, war, legal reform, civil society, and democratization. The third part of the course addresses Russia's foreign relations. Like its predecessor states, the Russian Empire and the Soviet Union, Russia is concerned with what kind of state it is (or should be) and where it stands in the international order. We will study how Russian elites make sense of Russia's identity, as well as Russia's policies toward the US, Europe, its “near abroad,” the Middle East, and China.

Spring 2020: POLS GU4453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4453	001/19691	T Th 2:40pm - 3:55pm Room TBA	Elise Giuliano	4	24/25

POLS GU4454 Comparative Politics of South Asia. 4 points.

This course first compares the post-independence political histories of South Asian countries, particularly India and Pakistan. It then explores selected topics across countries: social and cultural dimensions of politics; structures of power; and political behavior. The underlying theme is to explain the development and durability of the particular political regimes – democratic or authoritarian – in each country.

Fall 2019: POLS GU4454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4454	001/99771	M W 10:10am - 11:25am 503 Hamilton Hall	Philip Oldenburg	4	15/33

POLS GU4461 Latin American Politics. 4 points.

This is a lecture class that seeks to introduce students to social scientific analysis while discuss the shifting dynamics of political representation in Latin America. In analyzing political representation in the region, it focuses on demands for political inclusion by different actors and how they were resisted or

accepted by established elites in a process that moved from regime change to electoral rotation in power. The course covers these political dynamics and their institutional consequences since the onset of the twentieth century, starting with the Mexican Revolution, until the contemporary period where democracy is the predominant form of government and elections a crucial tool for social and political change. While analyzing the politics of Latin America, we will cover important political science concepts associated with democratic representation, social inclusion and the rule of the law, such as social movement mobilization, political regime change, presidentialism, political party systems, political identities, state capacity, and institutional weakness.

POLS GU4472 Japanese Politics. 4 points.

Surveys key features of the Japanese political system, with focus on political institutions and processes. Themes include party politics, bureaucratic power, the role of the Diet, voting behavior, the role of the state in the economy, and the domestic politics of foreign policy.

Fall 2019: POLS GU4472

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4472	001/99766	T 4:10pm - 6:00pm 301m Fayerweather	Takako Hikotani	4	23/31

POLS GU4473 Political Transitions in Southeast Asia. 4 points.

What political direction is Southeast Asia taking? Over the past two decades, Indonesia has been transformed from a military-dominated semi-authoritarian state to the region's most vigorous and open political order. Meanwhile Thailand has experienced two military coups since 2006, and early patterns of political liberalization seem to be unraveling. And Burma has gone from international pariah to prospective new democracy.

Is it possible to see any overall regional trends? Are teleological assumptions of the inexorable rise of democracy being vindicated – or does much of the evident point in just the opposite direction? The module will examine the nature of transitions (and attempted transitions) to more open political systems in Southeast Asia, with a primary focus on Burma, Indonesia, and Thailand. After a brief review of the three cases, the course will adopt a thematic approach, first reviewing the character of the state, including national mythologies, the military and the relations between capital city and provinces. It will then explore aspects of transition, including the changing political economy, the rise of electoral politics, the role of religion and media, and the phenomenon of rally politics. Challenges to national elites from the regions will also be closely scrutinised. These themes and issues have a broader relevance to wider debates in comparative politics, which students will be encouraged to explore in their papers.

POLS GU4474 Politics, Justice and Human Rights in Southeast Asia. 4 points.

The course starts from the premise that questions of justice are essentially political, and their study cannot be safely left in the sole hands of lawyers and legal experts. In recent years, a number of important global trends have become evident in the study

of justice. These include a growing focus on transitional justice – especially how the transition from an authoritarian regime, or from conditions of violent conflict, may best be handled. Another important trend is the so-called 'new constitutionalism' – efforts to strengthen checks and balances through establishing new institutions such as constitutional courts. A third trend concerns disturbing developments in the use of the criminal justice system for essentially political purposes. This course will explore how these recent trends are being played out in various parts of Southeast Asia.

POLS GU4476 Korean Politics. 4 points.

The course Korean Politics and Foreign Policy aims to advance knowledge of Korea's politics and foreign policy, with emphasis on that of South Korea, but with additional focus on North Korea. This course covers relevant political theory, contemporary history and issues of particular significance to Korean politics, including the growth of civil society and the contest for legitimacy internally and internationally. The course addresses the Peninsula's unique geopolitics, democratic and economic development in South Korea, and the politics and economics of the communist and Confucian North. Given today's tremendous global concern over North Korea's security challenges, the course examines in detail the ideological and political background behind the North's rapidly developing missile and nuclear capabilities and human rights violations. The course posits the aims and objectives of South Korea's international relations and success in the regional and global arena—which contrast starkly with that of North Korea. It assesses South Korea's relations with the United States and near neighbors China and Japan. Finally, it weighs prospects for inter-Korean cooperation, integration and unification.

Fall 2019: POLS GU4476

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4476	001/13494	F 10:10am - 12:00pm 303 Hamilton Hall	Stephen Noerper	4	18/33

POLS GU4478 Domestic Russian Politics Since the Collapse of the Soviet Union. 3 points.

Over the last twenty-five years, Russia has transformed from a state weakened by years of economic decline and dominated by competing powerful actors into an authoritarian regime with imperial aspirations and global reach. Yet headlines seldom tell the whole story. Who is Vladimir Putin and what does the political system he presides over – often called the *power vertical* – consist of? What explains the electoral dominance of United Russia? Why are there massive but rare protests in Russia? What role does masculinity play in public politics in Russia? What motivated and what was gained by the annexation of the Crimea? This class will answer these questions and others by examining issues relevant to contemporary Russian politics. Students will begin with an overview of the collapse of the Soviet Union and the painful transition of the 1990s. Students will then examine Russia's current political regime as well as the political career of Vladimir Putin. The course will devote significant time to the topic of

elections, protest and civil society in Russia before concluding with a look at Russia's foreign policy ambitions.

POLS GU4496 Contemporary African Politics. 3 points.

This course aims to teach students what, if any, answers social scientists have to the questions that concern anyone with an interest in African politics: 1) Why have democratic governments flourished in some countries and not others? 2) What institutions may enable Africans to hold their leaders accountable? 3) How do people participate in politics? 4) In what ways do aspiring African political leaders build public support? 5) To what extent does persistent poverty on the continent have political causes? and 6) Why is violence used to resolve some political disputes and not others?

Fall 2019: POLS GU4496

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4496	001/99799	M W 2:40pm - 3:55pm 337 Seeley W. Mudd Building	Kimuli Kasara	3	23/33

COMPARATIVE POLITICS SEMINARS

POLS UN3951 Seminar in Comparative Politics. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: *POLS VI501* or the equivalent, and the instructor's permission. Pre-registration is not permitted. Please see here for detailed seminar registration guidelines: <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>.

Seminar in Comparative Politics. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars> (<https://polisci.columbia.edu/content/undergraduate-seminars/>)

Fall 2019: POLS UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3951	001/14011	Th 10:10am - 12:00pm 834 Seeley W. Mudd Building	Sarah Lockwood	4	10/22
POLS 3951	002/47178	F 9:10am - 11:00am 711 International Affairs Bldg	Chiara Superti	4	19/22

POLS UN3952 Seminar in Comparative Politics. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: *POLS VI501* or the equivalent, and the instructor's permission. Pre-registration is not permitted. Please see here for detailed seminar registration guidelines: <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>.

Seminar in Comparative Politics. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit.

Spring 2020: POLS UN3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3952	001/16564	F 12:10pm - 2:00pm Room TBA	Rumela Sen	4	0/20
POLS 3952	002/16566	W 8:10am - 10:00am Room TBA	Abdullah Aydogan	4	19/20

INTERNATIONAL RELATIONS

POLS UN1601 INTERNATIONAL POLITICS. 4 points.

Lecture and discussion. The basic setting and dynamics of global politics, with emphasis on contemporary problems and processes.

Fall 2019: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/09147	M W 2:40pm - 3:55pm 202 Altschul Hall	Kimberly Marten	4	203/220

Spring 2020: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/14434	M W 11:40am - 12:55pm Room TBA	Katrin Katz	4	100/100

POLS UN3619 Nationalism and Contemporary World Politics. 3 points.

The causes and consequences of nationalism. Nationalism as a cause of conflict in contemporary world politics. Strategies for mitigating nationalist and ethnic conflict.

Spring 2020: POLS UN3619

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3619	001/10556	T Th 10:10am - 11:25am Room TBA	Jack Snyder	3	77/70

POLS UN3623 Ending War & Building Peace. 3 points.

This course provides an introduction to the politics of war termination and peace consolidation. The course examines the challenges posed by ending wars and the process by which parties to a conflict arrive at victory, ceasefires, and peace negotiations. It explores how peace is sustained, why peace lasts in some cases and breaks down in others and what can be done to make peace more stable, focusing on the role of international interventions, power-sharing arrangements, reconciliation between adversaries, and reconstruction.

POLS UN3630 Politics of International Economic Relations. 3 points.

This upper-level undergraduate course examines the intersection of politics and economics at primarily the international level. The course involves the careful reading and evaluation of the dominant theoretical and methodological approaches as currently used in

the IPE field, as well as examination of prominent debates within the major IPE subject areas of trade, finance, development and globalization. This class does not have an economics or a specific political science prerequisite, but assumes a general understanding of historical and contemporary political and economic events. As a 3000-level course, this class would not be an appropriate choice for students who have not already taken introductory courses in political science, including international relations and comparative politics.

POLS UN3631 American Foreign Policy. 4 points.

This course is concerned with what policy the American government should adopt toward several foreign policy issues in the next decade or so, using materials from contradictory viewpoints. Students will be required to state fairly alternative positions and to use policy analysis (goals, alternatives, consequences, and choice) to reach conclusions.

Fall 2019: POLS UN3631

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3631	001/47179	M W 2:40pm - 3:55pm 517 Hamilton Hall	Roy Licklider	4	48/86

Spring 2020: POLS UN3631

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3631	001/16940	T Th 1:10pm - 2:25pm Room TBA	Roy Licklider	4	56/86

POLS UN3648 Governing the Global Economy. 4 points.

Who governs the world economy? Why do countries succeed or fail to cooperate in setting their economic policies? When and how do international institutions help countries cooperate? When and why do countries adopt good and bad economic policies? This course examines how domestic and international politics determine how the global economy is governed. We will study the politics of trade, international investment, monetary, immigration, and environmental policies to answer these questions. The course will approach each topic by examining alternative theoretical approaches and evaluate these theories using historical and contemporary evidence. There will be an emphasis on applying concepts through the analysis of policy-relevant case studies designed specifically for this course.

Fall 2019: POLS UN3648

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3648	001/47180	T Th 4:10pm - 5:25pm 414 Pupin Laboratories	Nikhar Gaikwad	4	36/35

POLS UN3680 Topics in International Security. 3 points.

This course explores how and why states and non-state actors use violent and non-violent strategies in international politics. While not all topics in international security can be covered thoroughly in one semester, this course will give a sampling of many of the topics, including military doctrines and strategies, diplomatic policies, social forces, civil wars, and roles of individuals. Though

historical and current events will be used as examples to illustrate how various theories work, students should keep in mind that this is not a course on current events.

POLS UN3690 International Law. 4 points.

What is public international law, and what does it influence the behavior of states, corporations, and individuals in the international system? This introductory course engages these questions as well as the politics of applying and enforcing public international law in various contexts and issue areas. An understanding of basic international legal principles, institutions, and processes is developed through exploration of foundational cases, and by means of (required) participation in a multi-week group simulation of an international legal dispute.

POLS GU4895 War, Peace, and Strategy. 4 points.

Discussion Section Required

Survey of the causes of war and peace, functions of military strategy, interaction of political ends and military means. Emphasis on 20th-century conflicts; nuclear deterrence; economic, technological, and moral aspects of strategy; crisis management; and institutional norms and mechanisms for promoting stability.

Fall 2019: POLS GU4895

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4895	001/99794	M W 11:40am - 12:55pm 417 International Affairs Bldg	Richard Betts	4	41/110

INTERNATIONAL RELATIONS SEMINARS

POLS UN3961 International Politics Seminar. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: POLS UN1601 or the equivalent, and the instructor's permission.

Seminar in International Politics. Students who would like to register should join the electronic wait list.

For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars> (<https://polisci.columbia.edu/content/undergraduate-seminars/>)

Fall 2019: POLS UN3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3961	001/99834	T 2:10pm - 4:00pm 1302 International Affairs Bldg	Robert Jervis	4	13/22
POLS 3961	002/29210	M 6:10pm - 8:00pm 711 International Affairs Bldg	Rebecca Murphy	4	10/22
POLS 3961	003/47182	W 2:10pm - 4:00pm 317 Hamilton Hall	Michael Doyle	4	10/15

POLS 3961	004/47183	T 10:10am - 12:00pm 311 Fayerweather	David Spiro	4	23/22
POLS 3961	005/14012	M 12:10pm - 2:00pm 201 80 Claremont	Linda Kirschke	4	18/22
POLS 3961	006/14872	W 12:10pm - 2:00pm 311 Fayerweather	Jean Krasno	4	16/22

POLS UN3962 INTERNATIONAL POLITICS SEMINAR. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: *POLS V1601* or the equivalent, and the instructor's permission.

Prerequisites: *POLS UN1601* or the equivalent, and the instructors permission. Seminar in International Relations. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

Spring 2020: POLS UN3962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3962	001/14449	W 2:10pm - 4:00pm 1302 International Affairs Bldg	Jack Snyder	4	0/20
POLS 3962	002/14450	W 10:10am - 12:00pm 1302 International Affairs Bldg	Virginia Page Fortna	4	0/20
POLS 3962	003/14451	M 10:10am - 12:00pm 711 International Affairs Bldg	Jeremiah Pam	4	22/20
POLS 3962	004/14453	W 12:10pm - 2:00pm Room TBA	Shahrugh Akhavi	4	12/20
POLS 3962	006/14454	Th 4:10pm - 6:00pm 1302 International Affairs Bldg	Rajan Menon	4	20/20
POLS 3962	007/14455	T 10:10am - 12:00pm 711 International Affairs Bldg	David Spiro	4	0/20

POLITICAL THEORY

POLS UN1101 Political Theory I. 4 points.

What is the relationship between law and justice? Are capacities of political judgment shared by the many or reserved for the few? What does human equality consist of and what are its implications? Can individual freedom be reconciled with the demands of political community? What are the origins and effects of persistent gender inequalities? These are some of the crucial questions that we will address in this introductory course in political theory. The course is divided into five thematic sections, each addressing an enduring political problem or issue and centered on a key text in the history of political thought: 1. Laws, Obligations, and the Question of Disobedience; Sophocles, *Antigone*; 2. Democratic Citizenship and the Capacities of Political

Judgment; Plato, *Republic*; 3. Origins and Effects of (In)equality; John Locke, *Second Treatise of Civil Government*; 4. Paradoxes of Freedom; Jean Jacques Rousseau, *On the Social Contract*; 5. The Woman Question; John Stuart Mill, *The Subjection of Women*.

Fall 2019: POLS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1101	001/47194	M W 10:10am - 11:25am Ren Kraft Center	Luke MacInnis	4	98/100

POLS UN3100 Justice. 3 points.

An inquiry into the nature and implications of justice in areas ranging from criminal justice to social justice to the circumstances of war and peace, considering issues such as abortion, the criminalization of behavior, the death penalty, climate change, global poverty, civil disobedience, and international conflict.

Spring 2020: POLS UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3100	001/10557	M W 2:40pm - 3:55pm Room TBA	David Johnston	3	110/110

POLS UN3170 Nationalism, Republicanism and Cosmopolitanism. 3 points.

Do we have obligations to our co-nationals that we do not owe to others? Might our loyalties or obligations to our fellow citizens be based on a commitment to shared political principles and common public life rather than national identity? Do we have basic duties that are owed equally to human beings everywhere, regardless of national or political affiliation? Do our commitments to co-nationals or compatriots conflict with those duties we might owe to others, and if so, to what extent? Is cosmopolitanism based on rationality and patriotism based on passion? This course will explore these questions from the perspectives of nationalism, republicanism and cosmopolitanism. We will consider historical works from Herder, Rousseau, Kant, Fichte, Mill, Mazzini and Renan; and more contemporary contributions from Berlin, Miller, Canovan, MacIntyre, Viroli, Sandel, Pettit, Habermas, Nussbaum, Appiah, and Pogge, among others.

POLS UN3173 Power, Rights, and Social Change: Achieving Justice. 4 points.

This lecture course, accompanied by its weekly discussion section, will introduce students to the field of justice. It will combine an intellectual history of conceptions of justice and modes of political change with an exploration of the main areas of public interest and advocacy. The course is intended to serve as a bridge from the Columbia Core to present issues of social justice. Throughout, the discussion will question how we—contemporary subjects and citizens—can improve our social and political condition and achieve justice.

POLS UN3190 Republicanism: Past and Present, or Plato to Pettit. 3 points.

The course is divided into two main parts. The first half examines features of classical republicanism and its developments from

Greece and Rome up to the late eighteenth century. We will analyze the relationship between ethics and politics, the significance of the mixed constitution, the problem of political instability, the role of character in political action, and the relationship between virtuous citizens, good arms and good laws. The second half will be more issue-based, as we will examine the resurgence of republicanism in the late twentieth and early twenty-first centuries, in part as a critique of liberal democracy. We will explore the efforts to define "republican" freedom, the relationship between equality and freedom (and the challenges posed by the market and inequality in resources), the relationship between republicanism and democracy, and the role and nature of civic virtue. The class will end with consideration of recent efforts on the part of some political theorists to redefine patriotism or loyalty to one's particular state in the modern world and to think about what republicanism might require on a global scale.

POLS GU4128 The Philosophy of Social Science. 4 points.

The class will offer a "tool-box" approach or "mechanism" approach to social-science explanations. We will discuss basic issues in the philosophy of explanation as well as selected tools or mechanisms.

Fall 2019: POLS GU4128

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4128	001/17822	T 4:10pm - 6:00pm C01 80 Claremont	Jon Elster	4	8/20

POLS GU4132 Political Thought - Classical and Medieval. 3 points.

Prerequisites: Contemporary Civilization or a comparable introduction to political theory course.

The course examines the historical and theoretical foundations of democracy. The underlying assumption is that political arrangements and institutions are the embodiment of political ideas and theories. The course will investigate the historical emergence of democracy as a form of government based on equality before the law and equal access to all citizens to the deliberative, decisional and control processes. The historical starting point is identified in Solon's reforms in Athens which dramatically broke the hegemony of ancient nobility; we will then study Cleisthenes' reforms and their redefinition of citizenry; in the context of the new political ideal of *isonomia*. We will proceed to examine the theoretical debate of the fifth century BCE, which includes Herodotus (III, 80-82), Thucydides and Protagoras. We will then examine the criticism levelled at democracy by Socrates, Plato and Aristotle: their thought enables us to compare the ancient idea of democracy to our own. Finally, we will study the Roman contribution to the theory of democracy, namely Cicero's ideal of 'republic' and the role that *ius*, codified law, played in it.

Fall 2019: POLS GU4132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4132	001/99777	M W 8:40am - 9:55am 401 Hamilton Hall	Giovanni Giorgini	3	19/22

POLS GU4134 Modern Political Thought. 4 points.

Interpretations of civil society and the foundations of political order according to the two main traditions of political thought--contraction and Aristotelian. Readings include works by Hobbes, Spinoza, Locke, Montesquieu, Hume, Rousseau, Kant, Hegel, Saint-Simon, Tocqueville, Marx, and Mill.

Fall 2019: POLS GU4134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4134	001/99776	M W 10:10am - 11:25am 516 Hamilton Hall	Nadia Urbinati	4	25/32

POLITICAL THEORY SEMINARS

POLS UN3911 Seminar in Political Theory. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Seminar in Political Theory. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars> (<http://bulletin.columbia.edu/columbia-college/departments-instruction/political-science/Seminar%20in%20Political%20Theory.%20Students%20who%20would%20like%20to%20register%20should%20join%20the%20electronic%20wait%20list.%20For%20list%20of%20topics%20and%20descriptions%20see:%20https://polisci.columbia.edu/content/undergraduate-seminars/>)

Fall 2019: POLS UN3911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3911	001/47185	M 2:10pm - 4:00pm 711 International Affairs Bldg	Jean Cohen	4	15/22
POLS 3911	002/47186	T 10:10am - 12:00pm 711 International Affairs Bldg	David Johnston	4	12/22
POLS 3911	003/16437	M 4:10pm - 6:00pm 711 International Affairs Bldg	Jon Elster	4	7/22

POLS UN3912 Seminar in Political Theory. 4 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: the instructor's permission. Pre-registration is not permitted.

Prerequisites: the instructors permission. Pre-registration is not permitted.

Seminar in Political Theory. Students who would like to register should join the electronic wait list.

For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

Spring 2020: POLS UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3912	001/19606	W 12:10pm - 2:00pm 711 International Affairs Bldg	Karuna Mantena	4	0/20
POLS 3912	002/19607	T 10:10am - 12:00pm Room TBA	Camila Vergara Gonzalez	4	0/20

RESEARCH METHODS**POLS UN3220 Logic of Collective Choice. 3 points.**

Much of politics is about combining individual preferences or actions into collective choices. We will make use of two theoretical approaches. Our primary approach will be social choice theory, which studies how we aggregate what individuals want into what the collective “wants.” The second approach, game theory, covers how we aggregate what individuals want into what the group gets, given that social, economic, and political outcomes usually depend on the interaction of individual choices. The aggregation of preferences or choices is usually governed by some set of institutional rules, formal or informal. Our main themes include the rationality of individual and group preferences, the underpinnings and implications of using majority rule, tradeoffs between aggregation methods, the fairness of group choice, the effects of institutional constraints on choice (e.g., agenda control), and the implications for democratic choice. Most of the course material is highly abstract, but these abstract issues turn up in many real-world problems, from bargaining between the branches of government to campus elections to judicial decisions on multi-member courts to the allocation of relief funds among victims of natural disasters to the scoring of Olympic events. The collective choice problem is one faced by society as a whole and by the smallest group alike.

Fall 2019: POLS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/99769	M W 10:10am - 11:25am 603 Hamilton Hall	Jeffrey Lax	3	30/38

POLS GU4732 Research Topics in Game Theory. 4 points.

Discussion Section Required

Prerequisites: *POLS W4730* or the instructor's permission. Advanced topics in game theory will cover the study of repeated games, games of incomplete information and principal-agent models with applications in the fields of voting, bargaining, lobbying and violent conflict. Results from the study of social choice theory, mechanism design and auction theory will also be treated. The course will concentrate on mathematical techniques for constructing and solving games. Students will be required to develop a topic relating political science and game theory and to write a formal research paper.

Fall 2019: POLS GU4732

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 4732	001/99758	M W 4:10pm - 5:25pm 337 Seeley W. Mudd Building	Michael Ting	4	15/33
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SENIOR HONORS SEMINAR**POLS UN3998 Senior Honors Seminar. 4 points.**

Prerequisites: admission to the departmental honors program.

A two-term seminar for students writing the senior honors thesis.

Fall 2019: POLS UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3998	001/99778	T 4:10pm - 6:00pm 711 International Affairs Bldg	John Huber	4	15/22

POLS UN3999 Senior Honors Seminar. 4 points.

Prerequisites: admission to the departmental honors program.

A two-term seminar for students writing the senior honors thesis.

Spring 2020: POLS UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3999	001/10552	T 4:10pm - 6:00pm 711 International Affairs Bldg	John Huber	4	0/15

INDEPENDENT READING AND RESEARCH**POLS UN3901 Independent Reading and Research I. 1-6 points.****Fall 2019: POLS UN3901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3901	001/10108		Robert Shapiro	1-6	2/3
POLS 3901	002/15147		Nikhar Gaikwad	1-6	1/1
POLS 3901	003/16447		Severine Autesserre	1-6	0/1
POLS 3901	004/16448		Kimberly Marten	1-6	1/1
POLS 3901	005/18646		Judith Russell	1-6	2/1
POLS 3901	006/18709		David Johnston	1-6	1/1

POLS UN3902 Independent Reading and Research II. 1-6 points.**Spring 2020: POLS UN3902**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3902	001/34795		John Sivoella	1-6	1/1
POLS 3902	002/34797		Andrew Nathan	1-6	0/1

OF RELATED INTEREST**Economics**

ECPS GU4921	Seminar In Political Economy
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Human Rights

HRTS UN3001	Introduction to Human Rights
HRTS W3930	International Humanitarian Law and Human Rights

PSYCHOLOGY

Departmental Office: 406 Schermerhorn; 212-854-3608
<https://psychology.columbia.edu/>

Directors of Undergraduate Studies:*Psychology Major and Concentration:*

Prof. Patricia Lindemann, 358E Schermerhorn
 Extension; pgl2@columbia.edu (Students with last names beginning A-H)
 Prof. Katherine Fox-Glassman, 314
 Schermerhorn; kjt2111@columbia.edu (Students with last names beginning I-S)
 Prof. Chris Baldassano, 370 Schermerhorn
 Extension; cab2304@columbia.edu (Students with last names beginning T-Z)
 Prof. Nim Tottenham, 370 Schermerhorn
 Extension; nlt7@psych.columbia.edu
 (nlt7@columbia.edu) (Honors)

Neuroscience and Behavior Major:

Psychology: Prof. Alfredo Spagna, 318B Schermerhorn (Students with last names beginning A-L)
Psychology: Prof. Caroline Marvin, 317 Schermerhorn;
 cbm2118@columbia.edu (Students with last names beginning M-Z)
Biology (CC): Prof. Jian Yang, 917A Fairchild;
 jy160@columbia.edu
Biology (GS): Prof. Deborah Mowshowitz, 744 Mudd;
 dbm2@columbia.edu

Director of Instruction and Academic Affairs:

Prof. Caroline Marvin, 317
 Schermerhorn; cbm2118@columbia.edu

Director of Psychology Honors Program:

Prof. Nim Tottenham, 370 Schermerhorn Extension;
 nlt7@columbia.edu

Preclinical Adviser: Prof. E'mett McCaskill, 415O Milbank;
 emccaski@barnard.edu

Administrative Coordinator: Joanna Borchert-Kopczuk, 406
 Schermerhorn; 212-854-3940; jb2330@columbia.edu

Undergraduate Curriculum Assistant: Liz Parish, 406
 Schermerhorn; 212-854-8859; uca@psych.columbia.edu

The Department of Psychology (<https://psychology.columbia.edu/>) 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 (<https://psychology.columbia.edu/content/psychology-major/>) or in Neuroscience and Behavior (<https://psychology.columbia.edu/content/neuroscience-behavior-major/>).

PROGRAM GOALS

The department's program goals (<https://psychology.columbia.edu/content/psychology-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 (<https://psychology.columbia.edu/content/psychology-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, (2) psychobiology and neuroscience, and (3) social, personality, and abnormal psychology. To complete the major, students take one or more advanced seminars and are encouraged to participate in supervised research courses, where they have the opportunity to explore research questions in depth and further develop their written and oral communication skills.

RESEARCH PARTICIPATION

All qualified students are welcome to apply to join a research lab and contribute to ongoing projects. Students may volunteer to work in a lab, register for supervised individual research (PSYC UN3950 (<https://psychology.columbia.edu/content/supervised-individual-research/>) Supervised Individual Research), or participate in the department's two-year Honors Program (<https://psychology.columbia.edu/content/honors-program/>). Information on faculty research (<https://psychology.columbia.edu/content/faculty/>) is available on the departmental website. Students are advised to read about research laboratories on faculty lab sites (<https://psychology.columbia.edu/content/lab-websites/>) and visit the professor's office hours to discuss opportunities.

At the beginning of the fall term, the department also hosts a Lab-Preview (<https://psychology.columbia.edu/sites/default/files/content/Lab%20Preview%20Handout%20Fa18%20-%20Final.pdf>) event for students to learn about research opportunities (<https://psychology.columbia.edu/content/research-opportunities/>) for the upcoming semester.

PROGRAM PLANNING

Majors and concentrators in psychology and majors in neuroscience and behavior should begin planning a program of study as early as possible. All necessary forms and information are available in Program Planning Tips (<https://psychology.columbia.edu/content/program-planning-tips/>). All majors and concentrators in Psychology (<https://psychology.columbia.edu/content/psychology-major/>) and majors in Neuroscience and Behavior (<https://psychology.columbia.edu/content/neuroscience-behavior-major/>) should complete a Major Requirement Checklist (<https://psychology.columbia.edu/content/major-concentration-requirement-checklists/>) before consulting a program adviser to discuss program plans. At minimum, all students must submit a Major Requirement Checklist (<https://psychology.columbia.edu/content/major-concentration-requirement-checklists/>) prior to the start of their final semester, so that graduation eligibility can be certified.

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 (<https://psychology.columbia.edu/content/advising/>).

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 (<https://psychology.columbia.edu/content/elizabeth-walters/>) in the departmental office. Program Adviser assignments (<https://psychology.columbia.edu/content/advisors/>) 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 (<https://psychology.columbia.edu/content/advising/>).

EMAIL COMMUNICATION

The department maintains an e-mail distribution list with the UNIs of all declared majors and concentrators. Students are held responsible for information sent to their Columbia e-

mail addresses. Students should read these messages from the department regularly and carefully. They are intended to keep students informed about deadlines, requirements, events, and opportunities. Prospective majors or concentrators who would like to be added to the e-mail distribution list should contact the Undergraduate Curriculum Assistant (uca@psych.columbia.edu) in the departmental office.

GUIDE TO COURSE NUMBERS

Course numbers reflect the structure of the Psychology curriculum:

- The *1000*-level comprises introductions to psychology, introductory research methods courses, and statistics. PSYC UN1001 The Science of Psychology is an introductory course with no prerequisites, which can serve as the prerequisite for most of the *2000*-level courses. The *1400*s contain the research methods laboratory courses, and the *1600*s contain statistics courses; these two course types are designed to prepare students to be able to understand, critique, and conduct the types of research found in many psychology and neuroscience labs.
- The *2000*-level comprises lecture courses that are introductions to areas within psychology; most require PSYC UN1001 The Science of Psychology as a prerequisite.
- The *3000*-level comprises more advanced and specialized undergraduate courses; most are given in a seminar format and require instructor permission.
- The *3900*s are the courses providing research opportunities for undergraduates.
- The *4000*-level comprises advanced seminars suitable for both advanced undergraduates and graduate students.

Subcategories within the *2000*-, *3000*-, and *4000*-levels correspond to the three groups in our distribution requirement for undergraduate Psychology majors:

1. Perception and cognition (*2200*s, *3200*s, and *4200*s),
2. Psychobiology and neuroscience (*2400*s, *3400*s, and *4400*s), and
3. Social, personality, and abnormal psychology (*2600*s, *3600*s, and *4600*s).

Note that Barnard psychology courses do not follow the same numbering scheme.

HONORS PROGRAM

The department offers a two-year Honors Program (<https://psychology.columbia.edu/content/honors-program/>), designed for a limited number of juniors and seniors interested in conducting original research. Beginning in the first term of junior year and continuing through senior year, students take PSYC UN3910 Honors Seminar and simultaneously participate in an honors research course (PSYC UN3920 Honors Research) under the supervision of a member of the department. Students make a

formal presentation and complete an honors essay based on this research toward the end of their senior year.

To qualify for honors, students must take a total of 6 points beyond the number required for their major and satisfy all other requirements for the major. The additional 6 points may include the *Honors Seminar* and *Honors Research* courses.

Interested students should apply at the end of their sophomore year, and are also required to identify and meet with a potential faculty mentor prior to applying. Instructions and an application form are available on the Honors Program page of the department website. Typically no more than 10% of graduating majors receive departmental honors in a given academic year.

REQUIREMENTS FOR ADMISSION TO GRADUATE PROGRAMS IN PSYCHOLOGY

Most graduate programs in psychology, including those in clinical psychology, require:

An undergraduate course in introductory psychology:

PSYC UN1001	The Science of Psychology
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A course in statistics such as one of the following:

PSYC UN1610	Introductory Statistics for Behavioral Scientists
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PSYC UN1660	Advanced Statistical Inference
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STAT UN1001	Introduction to Statistical Reasoning
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STAT UN1101	Introduction to Statistics
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STAT UN1201	Calculus-Based Introduction to Statistics
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A laboratory course in research methods such as one of the following:

PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR
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PSYC UN1450	Experimental Psychology: Social Cognition and Emotion
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PSYC UN1455	Experimental Psychology: Social and Personality
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PSYC UN1490	Experimental Psychology: Cognition and Decision Making
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Students should also take a variety of more advanced undergraduate courses and seminars. Students interested in PhD programs in any area of psychology are very strongly encouraged to participate in a research lab and enroll in PSYC UN3950 (<http://bulletin.columbia.edu/search/?P=PSYC%20UN3950/>) Supervised Individual Research. Students are also encouraged to apply for the Psychology Honors Program at the end of their sophomore 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 (<https://psychology.columbia.edu/content/emett-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 (<https://psychology.columbia.edu/>).

ONLINE INFORMATION

The Department of Psychology website (<https://psychology.columbia.edu/>) 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 (uca@psych.columbia.edu).

SCIENCE REQUIREMENT

PSYC UN1001 The Science of Psychology, PSYC UN1010 Mind, Brain and Behavior (no longer offered), and any PSYC course in the 2200- or 2400-level may be used to fulfill the science requirement.

2600-level and some other psychology courses, including PSYC BC1001 Introduction to Psychology and other Barnard psychology courses, may not be used to fulfill the science requirement.

All 3- and 4-point courses numbered in the 32xx, 34xx, 42xx, and 44xx can partially fulfill the science requirement. With prior departmental approval, some additional courses may also be used to partially fulfill the science requirement. For more detailed information regarding psychology courses that may be applied toward the science requirement, see the *Core Curriculum* section in this bulletin.

EVENING AND COLUMBIA SUMMER COURSES

The department normally offers at least one lab course (currently PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR and PSYC UN1450 Experimental Psychology: Social Cognition and Emotion) in the late afternoon with evening labs. A number of other courses are occasionally offered in late afternoon and evening hours. No more than one quarter of the courses required for the major are normally available in the evening. Working students may find the wide variety of early morning (8:40 a.m.) classes, as well as Summer Session offerings, helpful in completing degree requirements.

Any course offered by the Psychology Department during the Summer Session is applicable toward the same major requirement(s) as the corresponding course of that same number offered during the academic year. For instance, PSYC S1001D The Science of Psychology meets the same major requirements as does PSYC UN1001 The Science of Psychology.

See *Academic Regulations—Study Outside Columbia College* in this Bulletin for additional information.

PROFESSORS

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)
Shige Oishi (Visiting Professor)
Rae Silver (Barnard)
Daphna Shohamy
Herbert Terrace
Nim Tottenham
Sarah M.N. Woolley

ASSOCIATE PROFESSORS

Valerie Purdie-Greenaway
Randy Auerbach (Psychiatry)

ASSISTANT PROFESSORS

Mariam Aly
Christopher Baldassano
Robert Brotherton (Barnard)
Larisa Heiphetz
Micheal Wheaton (Barnard)
Sarah Canetta (Psychiatry)

LECTURERS IN DISCIPLINE

Katherine Fox-Glassman
Patricia Lindemann
Caroline Marvin
Alfredo Spagna

ADJUNCT FACULTY

Tal Ben-Shahar
Jennifer Blaze
Helen Brew
Frances Champagne
James Curley
David Friedman
Karyn Gunnet-Shoval
Nora Isacoff
Tina Kao
Scott Kaufman
Karen Kelly
Svetlana Komissarouk
Victoria Leavitt

E'mett McCaskill
Michele Miozzo
Jenna Reinen
Svetlana Rosis
Eric Schoenberg
Ciara Torres

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 (<https://www.college.columbia.edu/news/committee-instruction-announces-updated-academic-policy/>).

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 (https://psychology.columbia.edu/sites/default/files/content/bc_overlapping%2002.06.19.pdf) 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 (<https://psychology.columbia.edu/content/psychology-major/>), Psychology concentration (<https://psychology.columbia.edu/content/psychology-concentration/>), or Neuroscience and Behavior major (<https://psychology.columbia.edu/content/neuroscience-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 only on a Pass/Fail basis may not be used to satisfy the major or concentration requirements under any circumstances.

Major Requirement Checklist

Prior to the start of their final semester, all seniors must submit a Major Requirement Checklist (<https://psychology.columbia.edu/content/major-concentration-requirement-checklists/>) 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. 698) above.

Thirty or more points are needed to complete the major (<https://psychology.columbia.edu/content/psychology-major/>) and must include:

The Introductory Psychology Course

- PSYC UN1001 The Science of Psychology

A Statistics Course

Select one of the following:

- PSYC UN1610 Introductory Statistics for Behavioral Scientists
- PSYC UN1660 Advanced Statistical Inference
- STAT UN1001 Introduction to Statistical Reasoning
- STAT UN1101 Introduction to Statistics (formerly *STAT W1111*)
- STAT UN1201 Calculus-Based Introduction to Statistics (formerly *STAT W1211*)

A Research Methods Course

Select one of the following:

- PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR
- PSYC UN1450 Experimental Psychology: Social Cognition and Emotion
- PSYC UN1455 Experimental Psychology: Social and Personality
- PSYC UN1490 Experimental Psychology: Cognition and Decision Making

Majors are strongly advised to complete the statistics and research methods requirements, in that order, by the fall term of their junior year. Students are advised to verify the specific prerequisites for research methods courses, most of which require prior completion of a statistics course.

Distribution Requirement

One course (3 points or more) must be taken from each of the following three groups (in addition to the introductory, statistics, and research methods courses described above):

- Group I—Perception and cognition: courses numbered in the 2200s, 3200s, or 4200s.
- Group II—Psychobiology and neuroscience: courses numbered in the 2400s, 3400s, or 4400s. Also PSYC UN1010 Mind, Brain and Behavior (no longer offered).
- Group III—Social, personality, and abnormal: courses numbered in the 2600s, 3600s, or 4600s.

Beginning Fall 2019, Research Methods courses will no longer fulfill any of the Group distribution requirements.

Seminar Requirement

For students entering Columbia in Fall 2013 or later, one seminar course numbered in the 3000s or 4000s must be taken for 3 or more points.

Seminars are usually taken in the senior year as a culmination of the major program. Enrollment in 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 and supervised individual research courses (PSYC UN3910 Honors Seminar, PSYC UN3920 Honors Research, and PSYC UN3950 (<http://bulletin.columbia.edu/search/?P=PSYC%20UN3950/>) Supervised Individual Research) will not meet the seminar requirement.

No course may be counted twice in fulfillment of the above major requirements, with the following exception: a seminar course may fulfill both the seminar requirement and a group requirement if it meets the criteria for both.

Additional Courses

Additional psychology courses ("electives") must be taken for a total of 30 points. As described below, these may include a limited number of research courses, transfer courses, and Barnard psychology courses not approved for specific requirements.

Research Credits

No more than 4 points of PSYC UN3950 (<http://bulletin.columbia.edu/search/?P=PSYC%20UN3950/>) Supervised Individual Research or PSYC UN3920 Honors Research may be taken in any one term, and no more than 8 points total of research and field work courses (PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH, PSYC BC3466 Field Work and Research Seminar: The Barnard Toddler Center, PSYC BC3473 Clinical Field Practicum, PSYC BC3592 Senior Research Seminar and PSYC BC3599 Individual Projects) may be applied toward

the major. See below for further restrictions on applying Barnard courses toward the psychology major.

Barnard Courses

No more than 9 points (minus any transfer credits) from Barnard psychology courses may be applied as credit toward the major. The table of approved Barnard psychology courses (<https://psychology.columbia.edu/content/approved-barnard-courses/>) indicates which courses have been approved for specific requirements of the psychology major. Courses not on the approved list may only be applied toward a specific requirement with prior written approval from one of the directors of undergraduate studies (<https://psychology.columbia.edu/content/advising/>). Courses not on the approved list for a specific requirement may be applied as elective credit toward the 30 points for the major.

Beginning in Fall 2019, Barnard Lab courses will not count towards the Research Methods requirement of the Psychology Major or Concentration.

Transfer Credits

No more than 9 transfer credits (or combination of transfer and Barnard credits) will be accepted toward the psychology major. Approval of transfer credits on a student's Entrance Credit Report toward general requirements for the B.A. degree does **not** grant approval of these credits toward the psychology major. Students must apply for written approval of transfer credit towards the major by submitting the Major Requirement Substitution Form ([https://psychology.columbia.edu/sites/default/files/content/Major%20Substitution%20Form%20\(Updated%20170611\)_0.pdf](https://psychology.columbia.edu/sites/default/files/content/Major%20Substitution%20Form%20(Updated%20170611)_0.pdf)). This form, along with additional information about transfer credits can be found on the Transfer Credit page of our website (<https://psychology.columbia.edu/content/transfer-credit/>). To be approved for the major, a course taken at another institution should be substantially similar to one offered by the department, the grade received must be a B- or better, and the course must have been taken within the past 8 years. As noted above, if two courses overlap in content, only one will be applied towards the major. With the exception of approved Barnard courses, students should consult with one of the directors of undergraduate studies (<https://psychology.columbia.edu/content/advisors/>) before registering for psychology courses offered outside the department.

Students who have completed an introductory psychology course at another institution prior to declaring a psychology major should consult with one of the directors of undergraduate studies (<https://psychology.columbia.edu/content/advisors/>) to verify whether or not this course meets departmental standards for major transfer credit. If transfer credit toward the major is not approved, the student must enroll in PSYC UN1001 The Science of Psychology or PSYC BC1001 Introduction to Psychology to complete this major requirement. Beginning in Fall 2019, the Psychology Department will accept a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam, to meet the Science of Psychology requirement. The AP/IB Psychology exam does not count as a course or toward

a student's points total for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number of courses or points for their program.

The College Board Advanced Placement (AP) statistics scores do not satisfy the statistics requirement. Students who have completed AP statistics may opt to take a more advanced statistics course to fulfill this requirement with the approval of one of the directors of undergraduate studies (<https://psychology.columbia.edu/content/advising/>).

MAJOR IN NEUROSCIENCE AND BEHAVIOR

Please read Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors (p. 698) 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 (<https://psychology.columbia.edu/content/program-planning-tips/>) and use the appropriate major requirement checklist (<https://psychology.columbia.edu/content/major-concentration-requirement-checklists/>).

No course may be counted twice in fulfillment of the biology or psychology requirements described below. Most graduate programs in neuroscience also require one year of calculus, one year of physics, and chemistry through organic.

Required Courses

In addition to one year of general chemistry (or the high school equivalent), ten courses are required to complete the major—five from the Department of Biological Sciences and five from the Department of Psychology. For the definitive list of biology requirements, see the Department of Biological Sciences website (<http://biology.columbia.edu/>).

Required Biology Courses

1. BIOL UN2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology
2. BIOL UN2006 Introductory Biology II: Cell Biology, Development & Physiology
3. BIOL UN3004 Neurobiology I: Cellular and Molecular Neurobiology
4. BIOL UN3005 Neurobiology II: Development & Systems
5. One additional 3000- or 4000-level biology course from a list approved by the biology adviser (<http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/neuro.html>) to the program.
 - BIOL UN3006 Physiology
 - BIOL UN3022 Developmental Biology
 - BIOL UN3025 Neurogenetics

- BIOL UN3031 Genetics
- BIOL UN3799 Molecular Biology of Cancer
- BIOL UN3034 Biotechnology
- BIOL UN3041 Cell Biology
- BIOL UN3073 Cellular and Molecular Immunology
- BIOL UN3193 Stem Cell Biology and Applications
- BIOC UN3300 Biochemistry
- BIOC UN3501 Biochemistry: Structure and Metabolism
- BIOL UN3310 Virology
- BIOL UN3404 Seminar on the Global Threat of Antimicrobial Resistance
- BIOC UN3512 Molecular Biology
- BIOL GU4008 The Cellular Physiology of Disease
- BIOL GU4082 Theoretical Foundations and Applications of Biophysical Methods
- BIOL GU4300 Drugs and Disease
- BIOL GU4510 Genomics of Gene Regulation
- BIOL GU4560 Evolution in the age of genomics
- BIOL GU4035 Seminar in Epigenetics
- BIOL GU4070 The Biology and Physics of Single Molecules
- BIOL GU4075 Biology at Physical Extremes
- BIOL GU4080 The Ancient and Modern RNA Worlds
- BIOL GU4260 Proteomics Laboratory
- BIOL GU4290 Biological Microscopy
- BIOL GU4305 Seminar in Biotechnology

Required Psychology Courses

1. PSYC UN1001 The Science of Psychology
2. PSYC UN2430 Cognitive Neuroscience or PSYC UN2450 Behavioral Neuroscience
 - Students who have previously taken PSYC UN1010 Mind, Brain and Behavior (no longer offered) may use that course to fulfill this requirement.
3. One statistics or research methods course from the following:
 - PSYC UN1450 Experimental Psychology: Social Cognition and Emotion
 - PSYC UN1490 Experimental Psychology: Cognition and Decision Making
 - PSYC UN1610 Introductory Statistics for Behavioral Scientists
 - PSYC UN1660 Advanced Statistical Inference
 - STAT UN1101 Introduction to Statistics (formerly *STAT W1111*)
 - STAT UN1201 Calculus-Based Introduction to Statistics (formerly *STAT W1211*)

• *Please note, STAT UN1001 **does not** count towards the Neuroscience & Behavior major.*

4. One additional 2000- or 3000-level psychology lecture course from a list* approved by the psychology adviser (<http://biology.columbia.edu/pages/neuroscience-and-behavior-major-requirements/>) (https://psychology.columbia.edu/content/neuroscience-behavior-major/#/cu_accordion_item-1255) to the program:

- PSYC S2210Q Cognition: Basic Processes
- PSYC UN2215 Cognition and the Brain or PSYC S2215D Cognition and the Brain
- PSYC UN2220 Cognition: Memory and Stress
- PSYC W2225 Attention and Perception
- PSYC W2230 Perception and Sensory Processes
- PSYC UN2235 Thinking and Decision Making or PSYC S2235Q Thinking and Decision Making
- PSYC UN2250 Evolution of Cognition
- PSYC UN2280 Introduction to Developmental Psychology
- PSYC UN2420 Animal Behavior
- PSYC UN2430 Cognitive Neuroscience
- PSYC W2440 Language and the Brain
- PSYC UN2450 Behavioral Neuroscience or PSYC S2450Q Behavioral Neuroscience
- PSYC UN2460 Drugs and Behavior
- PSYC W2480 The Developing Brain
- PSYC UN2620 Abnormal Behavior or PSYC S2620Q Abnormal Behavior

**Please make careful note of this list, as courses not listed here will not count towards the P4 requirement.*

5. One advanced psychology seminar from a list approved by the psychology adviser (https://psychology.columbia.edu/content/neuroscience-behavior-major/#/cu_accordion_item-1257) to the program:

- PSYC W3225 The Wandering Mind: Psychological Approaches to Distraction
- PSYC W3250 Seminar in Space Perception (Seminar)/ PSYC G4230 Sensation and Perception (Seminar)
- PSYC W3255 Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)/ PSYC G4255 Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)
- PSYC W3265 Auditory Perception (Seminar)

- PSYC UN3270 Computational Approaches to Human Vision (Seminar)
 - PSYC W3280 Seminar In Infant Development or PSYC S3280D Seminar in Infant Development
 - PSYC S3285D The Psychology of Disaster Preparedness
 - PSYC UN3290 Self: A Cognitive Exploration (Seminar)
 - PSYC G4220 Cognition and Psychopathology (Seminar)
 - PSYC GU4222 The Cognitive Neuroscience of Aging (Seminar)
 - PSYC GU4223 Memory and Executive Function Thru the Lifespan
 - PSYC GU4225 Consciousness and Attention (Seminar)
 - PSYC GU4229 Attention and Perception
 - PSYC G4230 Sensation and Perception (Seminar)
 - PSYC GU4232 Production and Perception of Language
 - PSYC GU4235 Special Topics in Vision (Seminar)
 - PSYC GU4239 Cognitive neuroscience of narrative and film
 - PSYC G4250 Evolution of Intelligence, Cognition, and Language (Seminar)
 - PSYC GU4270 Cognitive Processes (Seminar)
 - PSYC G4272 Advanced Seminar in Language Development
 - PSYC G4275 Contemporary Topics in Language and Communication (Seminar)
 - PSYC GU4280 Core Knowledge (Seminar)
 - PSYC GU4281 The Psychology of Curiosity
 - PSYC G4285 Multidisciplinary Approaches to Human Decision Making (Seminar)
 - PSYC GU4287 Decision Architecture
 - PSYC GU4289 The Games People Play: The Psychology of Strategic Decision Making
 - PSYC S3410Q Seminar in Emotion
 - PSYC S3425D Animals in Our Own Backyard: The Science of Observing Behavior
 - PSYC W3435 Neurobiology of Reproductive Behavior (Seminar)
 - PSYC W3440 Issues In Brain and Behavior (Seminar)
 - PSYC UN3445 The Brain & Memory
 - PSYC UN3450 Evolution of Intelligence and Consciousness (Seminar)/ PSYC G4450 The Evolution of Intelligence & Consciousness (Seminar)
 - PSYC UN3460 Evolution of Behavior (Seminar)
 - PSYC UN3470 Brain Evolution: Becoming Human (Seminar)
 - PSYC UN3481 Critical Periods in Brain Development and Behavior
 - PSYC S3483D The Dynamic Brain: Plasticity from Birth to Old Age
 - PSYC W3484 Life Span Development: Theory and Methods
 - PSYC UN3496 Neuroscience and Society or PSYC S3496Q Neuroscience and Society
 - PSYC GU4420 Animal Cognition (Seminar)
 - PSYC GU4430 Learning and the Brain (Seminar)
 - PSYC GU4435 Non-Mnemonic Functions of Memory Systems
 - PSYC GU4440 Topics in Neurobiology and Behavior (Seminar) or PSYC S4440Q Topics in Neurobiology and Behavior
 - PSYC G4460 Cognitive Neuroscience and the Media (Seminar)
 - PSYC G4475 Neurobiology of Social Behavior
 - PSYC GU4480 Psychobiology of Infant Development (Seminar)
 - PSYC G4485 Affective Neuroscience (Seminar)
 - PSYC GU4486 Developmental and Affective Neuroscience (Seminar)
 - PSYC GU4490 Inheritance (Seminar)
 - PSYC G4492 Psychobiology of Stress
 - PSYC G4495 Ethics, Genetics, and the Brain
 - PSYC GU4498 Behavioral Epigenetics
 - PSYC G4499 Behavioral Psychopharmacology (Seminar)
 - PSYC UN3615 Children at Risk (Lecture)
 - PSYC UN3620 Seminar in Developmental Psychopathology
 - PSYC UN3624 Adolescent Mental Health: Causes, Correlates, Consequences
 - PSYC UN3625 Clinical Neuropsychology (Seminar) or PSYC S3625D Clinical Neuropsychology Seminar
 - PSYC UN3680 Social Cognitive Neuroscience (Seminar)/ PSYC GU4685 Social Cognitive Neuroscience (Seminar)
 - PSYC GU4627 Seminar in Anxiety, Obsessive-Compulsive, and Related Disorders
 - PSYC G4635 The Unconscious Mind (Seminar)
 - PSYC GU4690 Social Factors and Psychopathology (Seminar)
- Note:** Students wishing to use a seminar course not listed above to meet the P5 seminar requirement must contact their psychology adviser before enrolling to request permission for an exception. Generally speaking, permission for such exceptions is only granted when there is a compelling case related to the student's research or area of study. Students requesting permission to use a course not on this list must ensure that their substantive coursework in the seminar (generally their final paper) is on a neuroscience-focused topic.

Transfer Credit for Psychology Courses Taken Elsewhere

Students should consult a psychology adviser (<https://psychology.columbia.edu/content/advising/>) before registering for psychology courses offered outside the department. With the adviser's approval, one, and only one, course from another institution, including Barnard, may be applied toward the psychology portion of the Neuroscience and Behavior major. Students who wish to obtain credit for a course taken at Barnard or at another institution should complete the Major Requirement Substitution Form (<https://psychology.columbia.edu/content/transfer-credit/>). **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.** Beginning in Fall 2019, the Psychology department will accept a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam, to meet the PSYC UN1001 The Science of Psychology requirement. The AP/IB Psychology exam does not count as a course or toward a student's points total for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course -- approved by the Psychology adviser -- to fulfill the required number of courses for their program.

Advanced Placement (AP) statistics scores will not satisfy the statistics/research methods requirement. Students who have completed AP Stats are encouraged to enroll in a 1400-level research methods course to fulfill this requirement.

Exceptions to Biology Requirements

Any exceptions must be approved in advance by a biology adviser and students must receive an email notification of that approval. Students may substitute Barnard College courses only with prior permission from an adviser.

CONCENTRATION IN PSYCHOLOGY

Please read Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors (p. 698) above.

A concentration in psychology (<https://psychology.columbia.edu/content/psychology-concentration/>) requires a minimum of 18 points, including PSYC UN1001 The Science of Psychology and courses in at least two of the three groups listed under "Distribution Requirement" for the psychology major. Restrictions on research credits, Barnard credits, and transfer

credits are modified from those of the psychology major as follows:

1. Only 4 points total may be applied toward the concentration from research or field-work courses, including: PSYC UN3950 (<http://bulletin.columbia.edu/search/?P=PSYC%20UN3950/>) Supervised Individual Research, PSYC UN3920 Honors Research PSYC BC3466 Field Work and Research Seminar: The Barnard 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 outside the department may be applied toward the concentration.

*Beginning Fall 2019, Barnard Lab courses will not count towards the Research Methods requirement of the Psychology Major or Concentration.

Except as noted above, other regulations outlined in the Psychology Major section regarding grades, transfer credits, and overlapping courses also apply toward the concentration.

PSYC UN1001 The Science of Psychology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two class periods is mandatory.

Prerequisites: BLOCKED CLASS. EVERYONE MUST JOIN WAITLIST TO BE ADMITTED

Broad survey of psychological science including: sensation and perception; learning, memory, intelligence, language, and cognition; emotions and motivation; development, personality, health and illness, and social behavior. Discusses relations between the brain, behavior, and experience. Emphasizes science as a process of discovering both new ideas and new empirical results. *PSYC UN1001* serves as a prerequisite for further psychology courses and should be completed by the sophomore year.

Fall 2019: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/99690	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3	211/225
PSYC 1001	002/99689	T Th 8:40am - 9:55am 501 Schermerhorn Hall	Karyn Gunnet-Shoval	3	146/189
PSYC 1001	003/51819	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3	117/189

Spring 2020: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PSYC 1001	001/11768	T Th 1:10pm - 2:25pm Room TBA	Patricia Lindemann	3	198/225
PSYC 1001	002/11769	M W 1:10pm - 2:25pm Room TBA	Svetlana Rosis	3	178/189

PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR. 4 points.

Attendance at the first class is mandatory. Fee: \$70.

Prerequisites: *PSYC W1001* or *PSYC W1010*, and a statistics course (*PSYC W1610* or the equivalent), or the instructor's permission.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission. Corequisites: PSYC UN1421 Introduction to the techniques of research employed in the study of human behavior. Students gain experience in the conduct of research, including design of simple experiments, observation and measurement techniques, and the analysis of behavioral data. \$70 course fee

Spring 2020: PSYC UN1420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1420	001/11770	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Patricia Lindemann	4	55/55

PSYC UN1421 Experimental Psychology: Human Behavior (Lab). 0 points.

Limited enrollment in each section.

Corequisites: PSYC UN1420

Required lab section for *PSYC UN1420*.

Spring 2020: PSYC UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1421	001/16450	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	15/15
PSYC 1421	002/16451	M 6:10pm - 8:00pm 200c Schermerhorn Hall	Patricia Lindemann	0	15/15
PSYC 1421	003/16452	T 4:10pm - 6:00pm 200c Schermerhorn Hall	Patricia Lindemann	0	15/15
PSYC 1421	004/16454	T 4:10pm - 6:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	0/15

PSYC UN1450 Experimental Psychology: Social Cognition and Emotion. 4 points.

Attendance at the first class is essential. Priority given to psychology majors. Fee: \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission.

Corequisites: PSYC UN1451

An introduction to research methods employed in the study of human social cognition and emotion. Students gain experience

in the design and conduct of research, including ethical issues, observation and measurement techniques, interpretation of data, and preparation of written and oral reports.

PSYC UN1451 Experimental Psychology: Social Cognition and Emotion (Lab). 0 points.

Limited enrollment in each section.

Corequisites: PSYC UN1450

Required Lab for *PSYC UN1450*.

PSYC UN1455 Experimental Psychology: Social and Personality. 4 points.

Fee: \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission.

Corequisites: PSYC UN1456

Methodology and procedures of personality and social psychological research and exercises in data analysis and research design. Ethical issues in psychological research. Statistical concepts such as parameter estimation and testing, measurement reliability and validity, merits and limitations of correlational and experimental research designs, and empirical evaluation of theories. Note: Fee: \$70

PSYC UN1456 Experimental Psychology: Social and Personality (Lab). 0 points.

Limited enrollment in each section.

Required lab for *PSYC UN1455*.

PSYC UN1490 Experimental Psychology: Cognition and Decision Making. 4 points.

Corequisites: PSYC UN1491

Prerequisites: Science of Psychology (PSYC 1001) or Mind, Brain, & Behavior (PSYC 1010) or equivalent intro psych course, plus an introductory statistics course. Introduces research methods employed in the study of the cognitive and social determinants of thinking and decision making. Students gain experience in the conduct of research, including: design of simple experiments; observation and preference elicitation techniques; the analysis of behavioral data, considerations of validity, reliability, and research ethics; and preparation of written and oral reports.

Note: Fee: \$70. Attendance at the first class is essential.

Fall 2019: PSYC UN1490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1490	001/99740	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Katherine Fox-Glassman	4	59/80

PSYC UN1491 Experimental Psychology: Cognition and Decision Making Lab. 0 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and (PSYC UN1610 or STAT UN1001 or STAT UN1101 or STAT UN1201) Or equivalent introductory psychology and statistics courses.

Corequisites: PSYC UN1490
Required lab for PSYC UN1490

Fall 2019: PSYC UN1491

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1491	001/99687	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	13/15
PSYC 1491	002/99686	M 6:10pm - 8:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	14/17
PSYC 1491	003/99685	T 4:10pm - 6:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	14/15
PSYC 1491	004/51820	T 4:10pm - 6:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	12/15
PSYC 1491	005/51821	M 8:10pm - 10:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	6/15

PSYC UN1610 Introductory Statistics for Behavioral Scientists. 4 points.

Lecture and lab. Priority given to psychology majors. Fee \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 Recommended preparation: one course in behavioral science and knowledge of high school algebra.

Corequisites: PSYC UN1611

Introduction to statistics that concentrates on problems from the behavioral sciences.

Fall 2019: PSYC UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/99682	T Th 11:40am - 12:55pm 200b Schermerhorn Hall	Katherine Fox-Glassman	4	42/45

Spring 2020: PSYC UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/11771	T Th 10:10am - 11:25am 200b Schermerhorn Hall	Christopher Baldassano	4	35/40

PSYC UN1611 Introductory Statistics for Behavioral Scientists (Lab). 0 points.

Limited enrollment in each section.

Corequisites: PSYC UN1610

Required lab section for *PSYC UN1610*.

Fall 2019: PSYC UN1611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/99736	Th 4:10pm - 6:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	15/17
PSYC 1611	002/99735	Th 4:10pm - 6:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	14/17

PSYC 1611	003/99734	Th 2:10pm - 4:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	14/17
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Spring 2020: PSYC UN1611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/16343	Th 4:10pm - 6:00pm 200b Schermerhorn Hall	Christopher Baldassano	0	8/18
PSYC 1611	002/16344	Th 6:10pm - 8:00pm 200b Schermerhorn Hall	Christopher Baldassano	0	18/18
PSYC 1611	003/16345	Th 6:10pm - 8:00pm 200c Schermerhorn Hall	Christopher Baldassano	0	0/15

PSYC UN1910 Research Ethics in Psychology. 4 points.

Prerequisites: (PSYC UN1001) or equivalent introductory course in psychology.

This course explores the ethical theory, principles, codes and standards applicable to research in psychology and the complexities inherent in ethical research practice.

PSYC UN2220 Cognition: Memory and Stress. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Attendance at the first class is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Memory, attention, and stress in human cognition.

Fall 2019: PSYC UN2220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2220	001/99681	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Janet Metcalfe	3	47/60

PSYC UN2235 Thinking and Decision Making. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: an introductory course in psychology.

Models of judgment and decision making in both certain and uncertain or risky situations, illustrating the interplay of top-down (theory-driven) and bottom-up (data-driven) processes in creating knowledge. Focuses on how individuals do and should make decisions, with some extensions to group decision making and social dilemmas.

Spring 2020: PSYC UN2235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2235	001/11772	T Th 11:40am - 12:55pm Room TBA	Katherine Fox-Glassman	3	166/145

PSYC UN2250 Evolution of Cognition. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

A systematic review of different forms of cognition as viewed in the context of the theory of evolution. Specific topics include the application of the theory of evolution to behavior, associative learning, biological constraints on learning, methods for studying the cognitive abilities of animals, levels of representation, ecological influences on cognition, and evidence of consciousness in animals.

Spring 2020: PSYC UN2250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2250	001/10963	T Th 11:40am - 12:55pm 200b Schermerhorn Hall	Herbert Terrace	3	50/75

PSYC UN2280 Introduction to Developmental Psychology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment may be limited. Attendance at the first two classes is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent.

Introduction to the scientific study of human development, with an emphasis on psychobiological processes underlying perceptual, cognitive, and emotional development.

Fall 2019: PSYC UN2280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2280	001/99732	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Nim Tottenham	3	93/95

PSYC UN2420 Animal Behavior. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or a college-level biology course, or the instructor's permission.

Introduction to behavioral systems, evolution of behavioral traits, and analysis of behavior. Topics include reproductive and social behavior, mating systems, competition, cooperation, communication, learning, development and the interplay of genes and environment.

Spring 2020: PSYC UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2420	001/10972	T Th 2:40pm - 3:55pm Room TBA	Sarah Woolley	3	33/60

PSYC UN2430 Cognitive Neuroscience. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or equivalent introductory course in Psychology

This course provides an in-depth survey of data and models of a wide variety of human cognitive functions. Drawing on behavioral, neuropsychological, and neuroimaging research,

the course explores the neural mechanisms underlying complex cognitive processes, such as perception, memory, and decision making. Importantly, the course examines the logic and assumptions that permit us to interpret brain activity in psychological terms.

Spring 2020: PSYC UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2430	001/11773	M W 2:40pm - 3:55pm Room TBA	Mariam Aly	3	150/150

PSYC UN2450 Behavioral Neuroscience. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Examines the principles governing neuronal activity, the role of neurotransmitter systems in memory and motivational processes, the presumed brain dysfunctions that give rise to schizophrenia and depression, and philosophical issues regarding the relationship between brain activity and subjective experience.

Fall 2019: PSYC UN2450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2450	001/51809	M W 1:10pm - 2:25pm 209 Havemeyer Hall	Alfredo Spagna	3	94/110

PSYC UN2610 Introduction To Personality. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: an introductory psychology course.

A survey of the important methods, findings, and theories in the field of personality research.

Fall 2019: PSYC UN2610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2610	001/51811	T Th 10:10am - 11:25am 614 Schermerhorn Hall	Shigehiro Oishi	3	106/120

PSYC UN2620 Abnormal Behavior. 3 points.

Prerequisites: An introductory psychology course.

Examines definitions, theories, and treatments of abnormal behavior.

Fall 2019: PSYC UN2620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2620	001/99729	T Th 6:10pm - 7:25pm 501 Schermerhorn Hall	E'mett McCaskill	3	186/170

PSYC UN2630 Social Psychology. 3 points.

Surveys important methods, findings, and theories in the study of social influences on behavior. Emphasizes different perspectives on the relation between individuals and society.

PSYC UN2640 Introduction to Social Cognition. 3 points.

Prerequisites: an introductory course in psychology or the instructor's permission.

An introduction to basic concepts in social cognition. Topics include attribution theory (how we explain our own and other's behavior), social categories and schema (social perception and stereotyping), the social self (the development and maintenance of a self-concept), attention and consciousness, person memory, affect and cognition, and social inference, among others.

PSYC UN2670 Social Development. 3 points.

Prerequisites: PSYC UN1001 or PSYC UN1010, or the equivalent.

This lecture course introduces students to the study of typical human social development with a particular focus on genetic, familial and peer influences on the development of social behaviors during early childhood.

PSYC UN3270 Computational Approaches to Human Vision (Seminar). 3 points.

This course will be offered in Fall 2016.

Prerequisites: some background in psychology and/or neurophysiology (e.g., PSYC UN1001, PSYC UN1010, PSYC UN2230, PSYC UN2450; BIOL UN3004 or BIOL UN3005) is desirable. See instructor if you have questions about your background. Some background in mathematics and computer science (e.g., calculus or linear algebra, a programming language) is highly recommended.

Study of human vision--both behavioral and physiological data--within a framework of computational and mathematical descriptions. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course.

Fall 2019: PSYC UN3270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3270	001/99728		Norma Graham	3	3/12

PSYC UN3445 The Brain & Memory. 4 points.

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology and the instructor's permission

This seminar will give a comprehensive overview of episodic memory research: what neuroimaging studies, patient studies, and animal models have taught us about how the brain creates, stores, and retrieves memories.

Fall 2019: PSYC UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3445	001/99727	M 2:10pm - 4:00pm 405 Schermerhorn Hall	Mariam Aly	4	12/12

PSYC UN3450 Evolution of Intelligence and Consciousness (Seminar). 3 points.

Prerequisites: PSYC UN1001 or PSYC UN1010, and the instructor's permission.

A systematic review of the implications of Darwin's theory of evolution and Freud's theory of the unconscious for contemporary studies of animal and human cognition.

Fall 2019: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/51810	W 10:10am - 12:00pm 200c Schermerhorn Hall	Herbert Terrace	3	6/12

PSYC UN3615 Children at Risk (Lecture). 4 points.

Prerequisites: PSYC UN1010, PSYC UN2280, PSYC UN2620, or PSYC UN2680, and the instructor's permission.

Considers contemporary risk factors in children's lives. The immediate and enduring biological and behavioral impact of risk factors.

Fall 2019: PSYC UN3615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3615	001/99666	T Th 10:10am - 11:25am 200b Schermerhorn Hall	Geraldine Downey	4	33/35

PSYC UN3625 Clinical Neuropsychology (Seminar). 3 points.

Prerequisites: an introductory course in neuroscience, like PSYC UN1010 or PSYC UN2450, and the instructor's permission. Analysis of the assessment of physical and psychiatric diseases impacting the central nervous system, with emphasis on the relationship between neuropathology and cognitive and behavioral deficits.

Spring 2020: PSYC UN3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3625	001/11013	M 12:10pm - 2:00pm 200c Schermerhorn Hall	E'mett McCaskill	3	16/16

PSYC UN3690 The Self in Social Context (Seminar). 4 points.

Prerequisites: PSYC UN1001 or UN1010, or the equivalent, and the instructor's permission.

This course centers on understanding the self embedded in the social context. We will integrate knowledge from various areas of psychology (developmental, cognitive, social cognition) with a main focus in social psychology. This course will provide the opportunity to gain an understanding of research in the following areas: the development of self in a social context, the relationship between the self and the broader socio-cultural context, the impact of self-involvement on social/cognitive processes, and contemporary research on individual differences.

PSYC UN3691 Interpersonal Cognition Seminar: Close Relationships, Identity, and Memory. 4 points.

Prerequisites: PSYC UN2630 or PSYC UN2640 Instructor permission. 1 course in research methods

What makes people 'click'? How does interpersonal closeness develop? How do close relationships influence our thought

processes, behaviors, and identities? How do our conversations with relationship partners change our memories of events and our perceptions of reality? And finally, what are the implicit and explicit cognitive mechanisms underlying these processes?

The primary objective of this course will be to provide you with the relevant literature, theoretical background, methodological proficiency, and critical thinking and communication skills to articulate your own answers to these questions, and to propose future studies in the field.

PSYC UN3910 Honors Seminar. 1 point.

Year-long course. Students receive credit only after both terms have been completed. May be repeated for additional credit.

Prerequisites: open to students in the honors program only. Discussion of a variety of topics in psychology, with particular emphasis on recent developments and methodological problems. Students propose and discuss special research topics.

Fall 2019: PSYC UN3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/99665	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Nim Tottenham	1	21/20

Spring 2020: PSYC UN3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/11776	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Nim Tottenham	1	0/20

PSYC UN3920 Honors Research. 1-4 points.

May be repeated for additional credit.

Prerequisites: open to students in the honors program only. Except by special permission of the director of undergraduate studies, no more than 4 points of individual research may be taken in any one term. This includes both *PSYC UN3950* and *PSYC UN3920*. No more than 12 points of *PSYC UN3920* may be applied toward the honors program in psychology. Special research topics arranged with the instructors of the department leading toward a senior honors paper.

Fall 2019: PSYC UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3920	001/99693		Nim Tottenham	1-4	20/20

PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH. 0 points.

1-4 points. May be repeated for credit. Prerequisites: the instructor's permission. Except by special permission of the director of undergraduate studies, no more than 4 points of individual research may be taken in any one term. This includes both *PSYC UN3950* and *PSYC UN3920*. No more than 8 points of *PSYC UN3950* may be applied toward the psychology major, and no more than 4 points toward the concentration. Readings,

special laboratory projects, reports, and special seminars on contemporary issues in psychological research and theory

Fall 2019: PSYC UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950	001/99725		Mariam Aly	0	0/5
PSYC 3950	002/99724		Christopher Baldassano	0	1/5
PSYC 3950	003/99723		Niall Bolger	0	3/5
PSYC 3950	004/99722		Geraldine Downey	0	4/5
PSYC 3950	005/99721		Katherine Fox-Glassman	0	0/5
PSYC 3950	006/99720		Norma Graham	0	0/5
PSYC 3950	007/99719		Carl Hart	0	0/5
PSYC 3950	009/99717		Tory Higgins	0	1/5
PSYC 3950	010/99716		Donald Hood	0	1/5
PSYC 3950	011/99715		Sheena Iyengar	0	0/5
PSYC 3950	012/99714		Patricia Lindemann	0	0/5
PSYC 3950	013/99713		Caroline Marvin	0	2/5
PSYC 3950	014/99712		Janet Metcalfe	0	0/5
PSYC 3950	015/99711		Michael Morris	0	5/5
PSYC 3950	016/99710		Glenn Schafe	0	0/5
PSYC 3950	017/99709		Shigehiro Oishi	0	1/5
PSYC 3950	018/99708		Valerie Purdie-Greenaway	0	1/5
PSYC 3950	019/99707		Daphna Shohamy	0	1/5
PSYC 3950	020/99706		Rae Silver	0	0/5
PSYC 3950	021/99705		Alfredo Spagna	0	1/5
PSYC 3950	022/99704		Ursula Staudinger	0	0/5
PSYC 3950	023/99703		Yaakov Stern	0	0/5
PSYC 3950	024/99702		Herbert Terrace	0	0/5
PSYC 3950	025/99701		Nim Tottenham	0	2/5
PSYC 3950	026/99700		Elke Weber	0	0/5
PSYC 3950	027/99699		Sarah Woolley	0	1/5
PSYC 3950	028/51817		Kevin Ochsner	0	0/5

Spring 2020: PSYC UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950	001/11777		Mariam Aly	0	1/5
PSYC 3950	002/11778		Christopher Baldassano	0	0/5
PSYC 3950	003/11779		Niall Bolger	0	0/5

PSYC 3950	004/11780	Geraldine Downey	0	0/5
PSYC 3950	005/11781	Katherine Fox-Glassman	0	0/5
PSYC 3950	006/11782	Norma Graham	0	0/5
PSYC 3950	007/11783	Carl Hart	0	0/5
PSYC 3950	008/11784	Larisa Heiphetz	0	0/5
PSYC 3950	009/11785	Tory Higgins	0	0/5
PSYC 3950	010/11786	Donald Hood	0	0/5
PSYC 3950	011/11787	Sheena Iyengar	0	0/5
PSYC 3950	012/11788	Patricia Lindemann	0	0/5
PSYC 3950	013/11789	Caroline Marvin	0	1/5
PSYC 3950	014/11790	Janet Metcalfe	0	0/5
PSYC 3950	015/11791	Michael Morris	0	1/5
PSYC 3950	016/11792	Glenn Schafe	0	0/5
PSYC 3950	017/11793	Shigehiro Oishi	0	2/5
PSYC 3950	018/11794	Valerie Purdie-Greenaway	0	0/5
PSYC 3950	019/11795	Daphna Shohamy	0	1/5
PSYC 3950	020/11796	Rae Silver	0	0/5
PSYC 3950	021/11797	Alfredo Spagna	0	1/5
PSYC 3950	022/11798	Ursula Staudinger	0	0/5
PSYC 3950	023/11799	Yaakov Stern	0	1/5
PSYC 3950	024/11800	Herbert Terrace	0	0/5
PSYC 3950	025/11801	Nim Tottenham	0	0/5
PSYC 3950	026/11802	Elke Weber	0	0/5
PSYC 3950	027/11803	Sarah Woolley	0	0/5
PSYC 3950	028/11804	Sarah Woolley	0	0/5
PSYC 3950	029/11805	Kevin Ochsner	0	0/5

PSYC GU4222 The Cognitive Neuroscience of Aging (Seminar). 4 points.

Prerequisites: courses in introductory psychology and cognitive psychology; and the instructor's permission.
Comprehensive overview of various conceptual and methodologic approaches to studying the cognitive neuroscience of aging. The course will emphasize the importance of combining information from cognitive experimental designs, epidemiologic studies, neuroimaging, and clinical neuropsychological approaches to

understand individual differences in both healthy and pathological aging.

Fall 2019: PSYC GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4222	001/99680	T 10:10am - 12:00pm 200c Schermerhorn Hall	Victoria Leavitt	4	4/12

PSYC GU4223 Memory and Executive Function Thru the Lifespan. 4 points.

Prerequisites: the instructor's permission, plus PSYC UN1001 or PSYC UN1010, or the equivalent. Optimal preparation will include some background in experimental design and statistics. Memory and executive processing are critical cognitive functions required for successfully navigating everyday life. In lifespan studies, both exhibit relatively long developmental trajectories followed by stasis and then relative decline in old age. Yet, neither memory nor executive function is a unitary construct. Rather, each is comprised of separable components that may show different developmental trajectories and declines or maintenance at older ages. Moreover, memory is malleable and is a reconstruction of past experience, not an exact reproduction. We will discuss a range of topics related to the development, maintenance and potential decline in memory and executive function from infancy through old age.

Spring 2020: PSYC GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4223	001/11806	W 12:10pm - 2:00pm 200c Schermerhorn Hall	David Friedman	4	0/12

PSYC GU4232 Production and Perception of Language. 4 points.

Prerequisites: two courses in Psychology and the instructor's permission.

Topics include phonetic expression, motoric and perceptual organization, speech codes and memory codes, spoken word recognition, phrase formation, and the effects of context in perception and production.

PSYC GU4235 Special Topics in Vision (Seminar). 3 points.

This course will be offered in Fall 2016. May be repeated for additional credit.

Prerequisites: the instructor's permission. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course.

Fall 2019: PSYC GU4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4235	001/99679		Norma Graham	3	5/12

PSYC GU4244 Language and Mind. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 and Preferably, an additional course in psychology, focusing on cognition, development, or research methods. Instructor permission required.

This seminar explores the relationship between language and thought by investigating how language is mentally represented and processed; how various aspects of language interact with each other; and how language interacts with other aspects of cognition including perception, concepts, world knowledge, and memory. Students will examine how empirical data at the linguistic, psychological, and neuroscientific levels can bear on some of the biggest questions in the philosophy of mind and language and in psychology.

Spring 2020: PSYC GU4244

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4244	001/11808	W 2:10pm - 4:00pm Room TBA	Nora Isacoff	4	11/12

PSYC GU4250 Evolution of Intelligence, Cognition, and Language (Seminar). 3 points.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent, based on instructor assessment, plus one of the instructors' permission.

How did language evolve and why are human beings the only species to use language? How did the evolution of social intelligence, in particular, cooperation, set the stage for the origin of language and consciousness? We will explore how psychologists, philosophers, neuroscientists, anthropologists, biologists and computational scientists, among others, have collaborated during recent years to produce important insights in the evolution of intelligence, consciousness and language.

PSYC GU4265 Auditory Perception. 4 points.

Prerequisites: PSYC UN1010 PSYC UN1010 or equivalent; background in statistics/research methods recommended
How does the human brain make sense of the acoustic world? What aspects of auditory perception do humans share with other animals? How does the brain perform the computations necessary for skills such as sound

localization? How do we focus our auditory attention on one voice in a crowd? What acoustic cues are important for speech perception? How is music perceived? These are the types of questions we will address by studying the basics of auditory perception from textbook readings and reviews, and reading classic and current literature to understand scientific progress in the field today.

PSYC GU4270 Cognitive Processes (Seminar). 3 points.

Prerequisites: For undergraduates: one course in cognitive psychology or cognitive neuroscience, or the equivalent, and the instructor's permission.

Metacognition and control processes in human cognition. Basic issues include the cognitive mechanisms that enable people to monitor what they know and predict what they will know, the errors and biases involved in self-monitoring, and the implications of metacognitive ability for people's self-determined learning, behavior, and their understanding of self.

Spring 2020: PSYC GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4270	001/11809	T 12:10pm - 2:00pm 200c Schermerhorn Hall	Janet Metcalfe	3	4/12

PSYC GU4280 Core Knowledge (Seminar). 4 points.

Prerequisites: For undergraduates: courses in introductory psychology, cognitive or developmental psychology, and the instructor's permission.

Core Knowledge explores the origins and development of knowledge in infants and children, with an additional emphasis on evolutionary cognition. In this course, we will examine evidence from cognitive psychology, developmental psychology, comparative psychology, neuroscience, and linguistics to look at the child's conception of objects, number, space, language, agency, morality and the social world. We will look at which aspects of knowledge are uniquely human, which are shared with other animals, and how this knowledge changes as children develop.

PSYC GU4289 The Games People Play: The Psychology of Strategic Decision Making. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN2235) or equivalent course on judgment and decision-making

A seminar course exploring strategic decision making (also known as behavioral game theory). This course examines the psychology underlying situations in which outcomes are determined by choices made by multiple decision makers. The prime objective will be to examine the use of experimental games to test psychological theories.

Fall 2019: PSYC GU4289

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4289	001/51814	T 2:10pm - 4:00pm 200c Schermerhorn Hall	Eric Schoenberg	3	11/12

PSYC GU4420 Animal Cognition (Seminar). 3 points.

Prerequisites: For undergraduates: the instructor's permission.
Seminar concerning a nonverbal animal's use of internal representations of past experience as a basis for action. Topics include how representations are formed, what aspects of experience are encoded, how information is stored, and how it is used later to guide behavior.

PSYC GU4430 Learning and the Brain (Seminar). 4 points.

Prerequisites: courses in introductory psychology and/or neuroscience, and the instructor's permission.
What are the neural mechanisms that support learning, memory, and choices? We will review current theories in the cognitive neuroscience of human learning, discuss how learning and decision making interact, and consider the strengths and weaknesses of two influential methods in the study of human brain and behavior--functional imaging and patient studies.

PSYC GU4440 Topics in Neurobiology and Behavior (Seminar). 3 points.

Prerequisites: the instructor's permission.

Examines current topics in neurobiology and behavior.

Fall 2019: PSYC GU4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/99678	M 4:10pm - 6:00pm 405 Schermerhorn Hall	Helen Brew	3	8/12
PSYC 4440	002/10204	Th 12:10pm - 2:00pm 405 Schermerhorn Hall	Svetlana Rosis	3	9/12

Spring 2020: PSYC GU4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/11811	T 10:10am - 12:00pm 352 Schermerhorn Hall	Rae Silver	3	6/12
PSYC 4440	002/11812	F 2:10pm - 4:00pm 405 Schermerhorn Hall	Jennifer Blaze	3	6/15
PSYC 4440	003/16458	Th 8:10pm - 10:00pm Room TBA	Ciara Torres	3	6/12

PSYC GU4480 Psychobiology of Infant Development (Seminar). 4 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and a course in developmental psychology, and the instructor's permission.

The focus of the seminar is on human development during the fetal period and early infancy. We will examine the effects of environmental factors on perinatal perceptual, cognitive, sensory-motor, and neurobehavioral capacities, with emphasis on critical conditions involved in both normal and abnormal brain development. Other topics include acute and long term effects of toxic exposures (stress, smoking, and alcohol) during pregnancy, and interaction of genes and the environment in shaping the developing brain of "high-risk" infants, including premature infants and those at risk for neurodevelopmental disorders such as Sudden Infant Death Syndrome.

Spring 2020: PSYC GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4480	001/11813	T 4:10pm - 6:00pm Room TBA	William Fifer	4	13/14

PSYC GU4486 Developmental and Affective Neuroscience (Seminar). 4 points.

Prerequisites: courses in developmental psychology, and either research methods or affective neuroscience, and the instructor's permission.

Introduction to leading theoretical perspectives employed by developmental psychologists in the study of affective neuroscience. Exploration of the developmental brain and behavior relationships in humans and animal models of typical and atypical emotional

behavior, with a critical reading of recent research findings in the field.

PSYC GU4490 Inheritance (Seminar). 4 points.

Prerequisites: basic knowledge of biology and neuroscience recommended; the instructor's permission required.

Explores the concept of inheritance and the mechanisms through which inheritance is mediated. Will focus on the generational transmission of physiology and behavior, but will also consider the inheritance of culture and language.

PSYC GU4498 Behavioral Epigenetics. 4 points.

Prerequisites: basic background in neurobiology (for instance PSYC UN1010, UN2450, UN2460, UN2480, and GU4499) and the instructor's permission.

This course will provide an overview of the field of epigenetics, with an emphasis on epigenetic phenomena related to neurodevelopment, behavior and mental disorders. We will explore how epigenetic mechanisms can be mediators of environmental exposures and, as such, contribute to psychopathology throughout the life course. We will also discuss the implications of behavioral epigenetic research for the development of substantially novel pharmacotherapeutic approaches and preventive measures in psychiatry.

Fall 2019: PSYC GU4498

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4498	001/99676	F 2:10pm - 4:00pm 200c Schermerhorn Hall	Jennifer Blaze	4	8/12

PSYC GU4615 The Psychology of Culture and Diversity (Seminar). 4 points.

Prerequisites: the instructor's permission; some basic knowledge of social psychology is desirable.

A comprehensive examination of how culture and diversity shape psychological processes. The class will explore psychological and political underpinnings of culture and diversity, emphasizing social psychological approaches. Topics include culture and self, culture and social cognition, group and identity formation, science of diversity, stereotyping, prejudice, and gender. Applications to real-world phenomena discussed.

Fall 2019: PSYC GU4615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4615	001/99675	W 10:10am - 12:00pm 405 Schermerhorn Hall	Valerie Purdie-Greenaway	4	11/12
PSYC 4615	002/99674	W 2:10pm - 4:00pm 405 Schermerhorn Hall	Valerie Purdie-Greenaway	4	10/12

PSYC GU4635 The Unconscious Mind (Seminar). 4 points.

Prerequisites: the instructor's permission; some basic knowledge of social psychology is desirable.

Discussion of the unconscious mind from the perspective of social cognition, with an emphasis on both theoretical and empirical background, as well as current issues in measuring automatic

processing. Topics include: implicit memory systems; unconscious attitudes, goals and behavior, emotions, and decision making; the activation and deactivation of knowledge systems; and priming.

PSYC GU4645 Culture, Motivation, and Prosocial Behavior. 4 points.

Prerequisites: Some knowledge of Research Methods, Statistics, and Social Psychology, plus Instructor's Permission.

Reviews and integrates current research on three important topics of social psychology: culture, motivation, and prosocial behavior. Discussions and readings will cover theoretical principles, methodological approaches, and the intersection of these three topics. Students will write a personal research proposal based on the theories presented during the seminar.

Fall 2019: PSYC GU4645

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4645	001/51813	M 10:10am - 12:00pm 405 Schermerhorn Hall	Svetlana Komissarouk	4	8/12

PSYC GU4672 Moral Psychology. 4 points.

Prerequisites: Two courses in psychology, including at least one course with a focus on social and/or developmental psychology, and permission of the instructor.

Review of theories and current research on moral cognition and behavior. Topics include definitions of morality, the development of moral cognition, the role that other aspects of human experience (e.g., emotion, intentions) play in moral judgments, and the relationship between moral psychology and other areas of study (e.g., religious cognition, prejudice and stereotyping, the criminal justice system).

PSYC GU4682 FAQs about Life: Applications of Psychological Research to Everyday Experiences. 4 points.

Prerequisites: Two courses in psychology, with at least one focusing on statistics and/or research methods in psychology, and permission of the instructor.

Review of basic psychological research that is relevant to questions people frequently encounter during the course of everyday life. Potential topics for this seminar include research on decision-making, emotion, and/or interpersonal relationships.

PSYC GU4685 Social Cognitive Neuroscience (Seminar). 3 points.

Prerequisites: for graduate students, course equivalents of at least two of the following courses: PSYC UN1001, PSYC UN1010, PSYC UN2630, PSYC UN3410, PSYC UN3480, and PSYC UN3485; and/or the instructor's permission.

An introduction to the emerging interdisciplinary field of social cognitive neuroscience, which examines topics traditionally of interest to social psychologists (including control and automaticity, emotion regulation, person perception, social cooperation) using methods traditionally employed by cognitive neuroscientists (functional neuroimaging, neuropsychological assessment).

PSYC GU4686 Barriers and Levers for Behavior Change. 4 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and prior coursework in research methods/statistics. A prior course related to social, applied, and cultural psychology or decision making will also be helpful.

Seminar course exploring individual, social, and cultural barriers and levers for behavior change, with a focus on social issues, such as motivating pro-environmental action, encouraging positive health behavior change, and promoting charitable giving.

PSYC GU4690 Social Factors and Psychopathology (Seminar). 3 points.

Prerequisites: the instructor's permission.

Reviews and integrates current research on the role of social factors in psychopathology. The immediate and long-term effects of chronic and traumatic stressors originating outside the family (e.g., natural disasters, chronic poverty) and inside the family (e.g., family violence, divorce, parental psychopathology) on psychopathology.

Spring 2020: PSYC GU4690

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4690	001/11814	M 2:10pm - 4:00pm Room TBA	Geraldine Downey	3	12/27

REGIONAL STUDIES

EAST CENTRAL EUROPEAN CENTER

<http://ece.columbia.edu/>

Director: Prof. Alan Timberlake, 1228 International Affairs Building; 212-854-8488; at2205@columbia.edu

Related Departments: Anthropology, Economics, History, Political Science, Slavic Languages and Literatures, and Sociology.

Language Requirement: Two years or demonstrated reading knowledge of one of the following languages: Czech, Hungarian, Polish, Romanian, Russian, Bosnian/Croatian/Serbian, or Ukrainian.

The regional studies major is designed to give undergraduates the general mastery of a discipline and at the same time permit them to do specialized work in the history and cultures of a particular geographic area through the associated institutes of the Faculty of Arts and Sciences. It is an interdisciplinary major in which students divide their work between the associated institute and an appropriate academic department. Students plan their programs with the consultant of the associated institute they have selected.

MAJOR IN REGIONAL STUDIES

The major in regional studies requires a minimum of 36 points, of which 18 must be credited by the associated institute, i.e. East Central European Center, and an additional 18 must be in one of the College departments designated as relevant by the institute.

Six points of seminar work approved by the institute are required of all majors and are included in the total of 36 points.

Language Study

Courses taken to satisfy the institute's language requirement are not counted toward the 18 institute points.

A current list of courses available to students interested in East Central European studies can be obtained from the Center (<http://ece.columbia.edu/>), 1228 International Affairs Building.

RELIGION

Departmental Office: Room 103, 80 Claremont; 212-851-4122 <http://www.columbia.edu/cu/religion> (<http://www.columbia.edu/cu/religion/>)

Director of Undergraduate Studies: Professor Courtney Bender, 80 Claremont; 212-851-4134; cb337@columbia.edu

The Religion Department's curriculum is designed to engage students in critical, comparative, and interdisciplinary exploration of religious life. The faculty's research and teaching build upon the shared understandings that religion continues to be a central and influential component of human life, society, and politics—and that, furthermore, religious transmission and authority are constantly being shaped in dynamic interactions with other religious traditions, societies, and cultures. Courses and seminars in religion teach students how to analyze and investigate religious texts, histories, beliefs, bodies, and communities using a variety of disciplinary and methodological approaches.

Students are also encouraged to conduct their studies by exploring one or more zone of inquiry. These are focus areas that integrated in the departmental curriculum and complement the tradition-based approaches. They provide broad and alternative frames that aim to identify problems, chart trajectories cutting across different field specialties, and set parameters for theoretical and methodological questions. The zones are: *Time* (History, Modernity), *Transmission* (Tradition, Memory, Institutions), *Space* (Place, Geography, Virtual Space), *Body* (Materiality, Mind, Bio-ethics), and *Media* (Transportation, Information, Communication).

Majors and concentrators in religion gain both a foundation in the study of religious traditions in historical contexts and zones of inquiry, all grounded in theoretical and methodological debates that shape academic and public discussions about religion. Lecture courses, seminars, and colloquia are designed to balance students' growing understanding of particular religious topics, dynamics, and traditions with intensive engagement with critical theoretical, political, and philosophical debates. Students are encouraged to pursue a course of study in which they develop breadth and depth, as well as the tools and expertise to pose (and even answer) necessary questions about religious phenomena of the past or present.

As the study of religion is truly interdisciplinary, students find their work in the department enhanced by their coursework in the College's Core curriculum and in related departments. Many religion courses are listed in the College's Global Core requirement, and numerous religious works are central texts in Literature Humanities and Contemporary Civilization. Majors and concentrators are required to take courses outside of religion in related fields to expand their vision of approaches to religion.

In addition, the University's wide offerings in the languages of various religious traditions (including Arabic, Chinese, Greek, Hebrew, Japanese, Persian, Latin, Sanskrit, and Tibetan) augment many students' abilities to conduct research in religion. Students likewise are actively encouraged to explore the world-renowned archival resources within Columbia's libraries (including the Rare Book and Manuscript Room, the Burke Library at Union Theological Seminary, the C.V. Starr East Asian Library), and to explore and investigate the equally wide range of living religious communities represented in New York's global neighborhoods.

Prospective majors should first arrange to meet with the Director of Undergraduate Studies. All students are then allocated a faculty adviser, and must submit a copy of the Declaration of Major form to the director of undergraduate studies. After agreeing upon a plan for the major or concentration, students must obtain final approval and confirmation from the Director of Undergraduate Studies.

GUIDELINES FOR ALL RELIGION MAJORS AND CONCENTRATORS

Major in Religion

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the Director of Undergraduate Studies. The program should include courses in a variety of religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

Courses

For the major the following 9 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 2 seminars (4000 level)
- 1 additional course at any level
- RELI UN3199 Theory (formerly Juniors Colloquium)

Concentration in Religion

To be planned in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which the student has a particular interest. The program should include some study in a breadth of religious traditions.

Courses

For the concentration the following 7 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 1 seminar (4000 level)
- RELI UN3199 Theory

DEPARTMENTAL HONORS

Students who write a senior thesis and maintain a GPA of 3.66 or above in the major may be considered for departmental honors. Writing a senior thesis qualifies a student for consideration for departmental honors but does not assure it. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

COURSE NUMBERING

Courses are numbered by level and type:

- 1000-level: Gateway lecture course
- 2000-level: Introductory and “traditions” lectures
- 3000-level: Intermediate lecture
- 4000-level: Seminar

and Zone:

- x100-199: Theory (RELI UN3199)
- x200-299: Time (zone)
- x300-399: Transmission (zone)
- x400-499: Space (zone)
- x500-599: Body (zone)
- x600-699: Media (zone)

PROFESSORS

Gil Anidjar (Chair)
Courtney Bender
Beth Berkowitz (Barnard)
Elizabeth Castelli (Barnard)
Matthew Engelke
Katherine Pratt Ewing
Bernard Faure
Najam Haider (Barnard)
John Hawley (Barnard)
Rachel McDermott (Barnard)
David (Max) Moerman (Barnard)
Wayne Proudfoot
Robert Somerville
Mark Taylor

ASSOCIATE PROFESSORS

Michael Como
Josef Sorett

ASSISTANT PROFESSORS

Clémence Boulouque
Tiffany Hale (Barnard)

Gale Kenny (Barnard)
Zhaohua Yang

ADJUNCT FACULTY

Obery Hendricks
David Kittay
Derek Mancini-Lander
Hussein Rashid
Thomas Yarnall

POSTDOCTORAL FELLOWS

Mohamed Ait Amer Meziane (IRCPL)
Daniel Herskowitz (IJS)
Rajbir Judge (IRCPL)
Kwi Jeong Lee

ON LEAVE

Prof. Como (Spring 2020)
Prof. Ewing (2019-20)
Prof. Proudfoot (2019-20)
Prof. Somerville (Fall 2019)

PROFESSORS EMERITI

George Rupp
Robert Thurman
Chun-fang Yu

GUIDELINES FOR ALL RELIGION MAJORS AND CONCENTRATORS

Senior Thesis

Many students choose to write a senior honors thesis in order to pursue an advanced topic in greater depth, or to work on a particular area of interest with one of their professors. This opportunity is available to all students who major in the department, regardless of GPA, and serves for many as their undergraduate capstone experience.

Students who write a senior thesis may apply for up to 3 points of directed reading with their thesis adviser. The deadline for application for the honors thesis in religion is the last day of exams in the student's junior spring term, and must be submitted for approval to the director of undergraduate studies. The application must include both a prospectus for the paper and a letter of support by the faculty member who has agreed to direct the thesis. The prospectus (5-7 pages) should detail a research program and the central question(s) to be pursued in the paper, preparation for the thesis, and a timeline. The primary adviser of the thesis must be a member of the Religion Department faculty.

Many students find that identifying a thesis project earlier in the junior year, in conjunction with the Juniors colloquium, presents an opportunity to develop a proposal in advance of deadlines for summer research funding from various sources, including the

undergraduate schools and the Institute for Religion Culture and Public Life.

Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

MAJOR IN RELIGION

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which they have particular interest. The program should include courses in a variety of religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

For the major the following 9 courses are required::

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 2 seminars (4000 level)
- 1 additional course at any level
- RELI UN3199 Theory (formerly Juniors Colloquium)

CONCENTRATION IN RELIGION

To be planned in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which the student has a particular interest. The program should include some study in a breadth of religious traditions.

For the concentration the following 7 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 1 seminar (4000 level)
- RELI UN3199 Theory

SPRING 2020

RELI UN1612 Religion and the History of Hip Hop. 4 points.

This is an undergraduate lecture course introducing students to the study of religion through an engagement with the history of hip hop music. More specifically, this course is organized chronologically to narrate a history of religion in the United States (circa 1970 to the present day) by mapping the ways that a variety of religious ideas and practices have animated rap music's evolution and expansion during this time period. While there are no required prerequisites for the course, prior coursework in religious studies, African American studies, and/or popular music is helpful.

Spring 2020: RELI UN1612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1612	001/15977	M W 1:10pm - 2:25pm Room TBA	Josef Sorett	4	110/110

RELI UN1620 Religion and the Movies. 3 points.

This class is an introduction to both film and religious studies and aims to explore their interaction. Ranging from auteurs to blockbusters, the course will analyze movies that make use of the sacred and of religious themes, figures or metaphors. The course will probe the definitions and boundaries of religion -as theology, myth, ideology- and will show students how religion remains a critical presence in the arts, even in a secular guise. We will look at the ways in which popular culture can serve religious functions in contemporary society and examine how faith is represented in popular culture.

Spring 2020: RELI UN1620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1620	001/14358	T Th 2:40pm - 3:55pm Room TBA	Clemence Boulouque	3	100/100

RELI UN2205 Buddhism: Indo-Tibetan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Historical introduction to Buddhist thought, scriptures, practices, and institutions. Attention given to Theravada, Mahayana, and Tantric Buddhism in India, as well as selected non-Indian forms.

RELI UN2304 Christianity. 3 points.

Survey of Christianity from its beginnings through the Reformation. Based on lectures and discussions of readings in primary source translations, this course will cover prominent developments in the history of Christianity. The structure will allow students to rethink commonly held notions about the evolution of modern Christianity with the texture of historical influence.

Spring 2020: RELI UN2304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/14359	M W 4:10pm - 5:25pm Room TBA	Robert Somerville	3	60/60

RELI UN2405 Chinese Religious Traditions. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Development of the Three Teachings of Confucianism, Taoism, and Buddhism: folk eclecticism; the contemporary situation in Chinese cultural areas. Readings drawn from primary texts, poetry, and popular prose.

Spring 2020: RELI UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 2405 001/14360 T Th 2:40pm - Zhaohua 3 30/70
3:55pm Yang
Room TBA

RELI UN3203 Religion in America II. 3 points.

Survey of American religion from the Civil War to the present, with an emphasis on the ways religion has shaped American history, culture, and identity.

Spring 2020: RELI UN3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3203	001/00644	M W 11:40am - 12:55pm Room TBA	Gale Kenny	3	21/50

RELI UN3206 Religion in the Archive. 4 points.

Students must sign up for a discussion section on Fridays, 10:10-11:25. **Not offered during 2019-20 academic year.**

In Religion in the Archive, students will conduct archival research and create digital humanities projects that “remix” and decolonize a missionary archive: the Papers of Matilda Calder Thurston (1875-1958), an American missionary who helped establish the first four-year women’s college in China, Ginling College in Nanjing. Thurston’s papers belong to the Missionary Research Library housed at Burke Library. The class will meet twice a week for lectures addressing the history of American and Chinese religions and focused on theoretical questions of imperialism, gender, conversion, and modernization. Students will also engage with debates about the archive/archiving, the digital humanities, and what it means to present scholarly research to a public audience. During the Friday recitation, students will conduct archival research and scan archival documents, to embed metadata, to work with a database program, and to design a website and/or produce a podcast.

Spring 2020: RELI UN3206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3206	001/00645	M W 2:40pm - 3:55pm Room TBA	Gale Kenny	4	13/16

RELI UN3230 Philosophy of Religion. 3 points.

This course in the Philosophy of Religion will consider the relationship between faith and reason, religion and morality, religion and art, and religion and technology. Attention will be devoted to an exploration of comparative interpretations of God or the divine in the western philosophical and theological traditions and Zen Buddhism as well as the interrelation of interpretations of God, self, and world. The course will conclude with a consideration of the question of life after death in philosophy, literature, and information technology.

Spring 2020: RELI UN3230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3230	001/15978	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3	25/30

RELI UN3401 MUSLIMS IN DIASPORA-DISC. 0 points.

Corequisites: RELI UN3407

Discussion section associated with RELI UN3407-MUSLIMS IN DIASPORA.

Spring 2020: RELI UN3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3401	001/14366		Derek Mancini-Lander	0	8/30
RELI 3401	002/14367		Derek Mancini-Lander	0	0/30

RELI UN3407 Muslims in Diaspora. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Consideration of controversies surrounding mosque-building, headscarves, honor killing, and other publicized issues that expose tensions surrounding citizenship and belonging for Muslims in North America and Europe. Exploration of film and other media representations of Muslims in the West. There will be additional meeting times for film screenings

Spring 2020: RELI UN3407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/14368	T Th 11:40am - 12:55pm Room TBA	Derek Mancini-Lander	4	46/60

RELI UN3501 Introduction To the Hebrew Bible. 3 points.

An introduction, by critical methods, to the religious history of ancient Israel against the background of the ancient Near East.

RELI UN3902 Guided Reading and Research. 1-3 points.

Prerequisites: the instructor's permission.

Spring 2020: RELI UN3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/14369		Gil Anidjar	1-3	0/5
RELI 3902	002/14370		Courtney Bender	1-3	2/5
RELI 3902	003/14371		Clemence Boulouque	1-3	0/5
RELI 3902	004/14372		Michael Como	1-3	0/5
RELI 3902	005/14373		Matthew Engelke	1-3	0/5
RELI 3902	006/14374		Katherine Ewing	1-3	0/5
RELI 3902	007/14375		Bernard Faure	1-3	0/5
RELI 3902	008/14376		David Kittay	1-3	0/5
RELI 3902	009/14378		Rachel McDermott	1-3	0/5
RELI 3902	010/14379		David Moerman	1-3	0/5
RELI 3902	011/14380		Robert Somerville	1-3	0/5
RELI 3902	012/14381		Josef Sorett	1-3	0/5

RELI 3902	013/14382	Mark Taylor	1-3	0/5
RELI 3902	014/14383	Yannik Thiem	1-3	0/5
RELI 3902	015/14384	Zhaohua Yang	1-3	0/5
RELI 3902	016/14385	Thomas Yarnall	1-3	0/5
RELI 3902	017/25026	Rajbir Judge	1-3	0/10
RELI 3902	020/00730	Gale Kenny	1-3	0/5
RELI 3902	021/00752	Tiffany Hale	1-3	0/5

RELI GU4013 Buddhism and Neuroscience. 4 points.

With the Dalai Lama's marked interest in recent advances in neuroscience, the question of the compatibility between Buddhist psychology and neuroscience has been raised in a number of conferences and studies. This course will examine the state of the question, look at claims made on both sides, and discuss whether or not there is a convergence between Buddhist discourse about the mind and scientific discourse about the brain.

Spring 2020: RELI GU4013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4013	001/14386	M 2:10pm - 4:00pm 201 80 Claremont	Bernard Faure	4	25/25

RELI GU4171 Law and Medieval Christianity. 4 points.

Prerequisites: the instructor's permission.

An introduction to the importance of Church law for the study of medieval Christianity through readings in both primary and secondary sources (all in English or English translations). Topics will be selected, as the sources permit, to illustrate the evolution of Western canon law and its impact both as a structural and as an ideological force, in medieval Christianity and in medieval society in general.

Spring 2020: RELI GU4171

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4171	001/14388	T 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	5/15

RELI GU4205 Love, Translated: Hindu Bhakti. 4 points.

Hindu poetry of radical religious participation-bhakti-in translation, both Sanskrit (the Bhagavad Gita) and vernacular. How does such poetry/song translate across linguistic divisions within India and into English? Knowledge of Indian languages is welcome but not required. Multiple translations of a single text or poet bring to light the choices translators have made.

Spring 2020: RELI GU4205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4205	001/00651	Th 4:10pm - 6:00pm Room TBA	John Hawley	4	7/15

RELI GU4224 Dialectics: Theology and Philosophy between Europe and Africa. 4 points.

What is dialectical reason? Is it still a mode of theological reasoning, as many critiques have argued, or a revolutionary form of secular critique? To what degree did it shape the language of

revolutionary Marxism both in Europe and Africa, as the work of Fanon notably testifies? How does it still define the horizon of contemporary philosophy, French theory and postcolonial thinking? The class will address this question. Beginning with Hegel, it will trace the becoming of his legacy in Marx, Fanon, Sartre and contemporary issues in French theory and African philosophy.

Spring 2020: RELI GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4224	001/14391	Th 12:10pm - 2:00pm 201 80 Claremont	Mohamed Ait Amer Meziane	4	4/20

RELI GU4355 The African American Prophetic Political Tradition from David Walker to Barack Obama. 4 points.

Through a wide range of readings and classroom discussions, this course will introduce students to the crucial role that the unique African-American appropriation of the Judeo-Christian prophetic biblical tradition has played -- and continues to play -- in the lives of black people in America.

Spring 2020: RELI GU4355

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4355	001/14392	W 12:10pm - 2:00pm 101 80 Claremont	Obery Hendricks	4	4/12

RELI GU4525 Religion, Gender, and Violence. 4 points.

Investigates relations among religion, gender, and violence in the world today. Focuses on specific traditions with emphasis on historical change, variation, and differences in geopolitical location within each tradition, as well as among them at given historical moments.

Spring 2020: RELI GU4525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4525	001/00648	T 4:10pm - 5:25pm Room TBA	Janet Jakobsen	4	24/25

RELI GU4616 Technology, Religion, Future. 4 points.

This seminar will examine the history of the impact of technology and media on religion and vice versa before bringing into focus the main event: religion today and in the future. We'll read the classics as well as review current writing, video and other media, bringing thinkers such as Eliade, McLuhan, Mumford and Weber into dialogue with the current writing of Kurzweil, Lanier and Taylor, and look at, among other things: ethics in a Virtual World; the relationship between Burning Man, a potential new religion, and technology; the relevance of God and The Rapture in Kurzweil's Singularity; and what will become of karma when carbon-based persons merge with silicon-based entities and other advanced technologies.

Spring 2020: RELI GU4616

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4616 001/14393 Th 4:10pm - 6:00pm David 4 47/42
Room TBA Kittay

RELI GU4630 Indo-Tibetan Buddhist Philosophy. 4 points.
Examination of topics in the religious philosophy of Tibet.

Spring 2020: RELI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4630	001/14395	Th 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	12/25

FALL 2019

RELI UN2305 Islam. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the Islamic religion in its premodern and modern manifestations. The first half of the course concentrates on "classical" Islam, beginning with the life of the Prophet, and extending to ritual, jurisprudence, theology, and mysticism. The second half examines how Muslims have articulated Islam in light of colonization and the rise of a secular modernity. The course ends with a discussion of American and European Muslim attempts at carving out distinct spheres of identity in the larger global Muslim community.

Fall 2019: RELI UN2305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/09430	M W 1:10pm - 2:25pm L1104 Diana Center	Najam Haider	4	28/60

RELI UN2308 Buddhism: East Asian. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and discussion. An introductory survey that studies East Asian Buddhism as an integral, living religious tradition. Emphasis on the reading of original treatises and historiographies in translation, while historical events are discussed in terms of their relevance to contemporary problems confronted by Buddhism. There is a mandatory weekly discussion session.

Fall 2019: RELI UN2308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/54093	T Th 10:10am - 11:25am 501 Northwest Corner	Michael Como	4	147/160

RELI UN3199 Theory. 3 points.

An exploration of alternative theoretical approaches to the study of religion as well as other areas of humanistic inquiry. The methods considered include: sociology, anthropology, philosophy, hermeneutics, psychoanalysis, structuralism, genealogy, and deconstruction. (Previous title: Juniors Colloquium)

Fall 2019: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/54094	M 10:10am - 12:00pm 101 80 Claremont	Mark Taylor	3	11/25

Spring 2020: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/00656	T 2:10pm - 4:00pm Room TBA	Beth Berkowitz	3	11/20

RELI UN3202 Religion in America I. 3 points.

This course offers a survey of American religions from the 1500s through the mid-1800s. We examine the politics of conversion in different kinds of colonialisms; the different strands of Christianity in early America and their cultural contexts; the emergence of evangelical Protestantism; the effects of religious disestablishment in the early republic; and the relationship between religion and social movements.

Fall 2019: RELI UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/09436	T Th 1:10pm - 2:25pm 328 Milbank Hall	Gale Kenny	3	17/50

RELI UN3309 Modern Islamic Thought. 4 points.

Who speaks for Islam and Muslims today? Is an "Islamic Reformation" necessary? Is there a Muslim "clergy"? What makes certain religious voices and institutions more authoritative than others? This course explores questions such as how can we conceptualize "authority" and the ways in which religious authorities are constructed in Islam in the modern and post-modern age. What sorts of shifts have occurred at centers of Islamic learning in the modern period? How may some of major influential orientations to Islamic thought today be characterized? How are American Muslims thinkers influenced by modern Islamic thought from Muslim majority countries and how are they developing their own body of thought? What are some of the major debates in contemporary American Muslim thought regarding violence, gender, race and economic justice?

Fall 2019: RELI UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3309	001/54123	M 2:10pm - 4:00pm 317 Hamilton Hall	Ebadur Rahman	4	3/15

RELI UN3517 Queer Theory, Religion, and Their Discontents. 3 points.

For the most part queer studies and religious studies have met each other with great suspicion and little interest in the conceptual resources of the respectively other field. Our guiding questions will be: What does religion have to do with queerness? What does queerness have to do with religion? Queer theory and activists, unless they already identify as religious, often have little or little good to say about religion. Conversely, many religious traditions intensively regulate gender, sex, sexuality, and especially queerness. Beyond the mutual disinterest, anxieties, and animosities, this course will explore how religious studies can enrich queer theory

and how queer theory can reshape our thinking about religious studies.

Our course will examine how our questions about religion shift once we start paying attention to queerness, gender, sexuality, pleasure, pain, and desire. Equally, we will examine how queer discourses mobilize religious and theological images and ideas, especially where these images and ideas are no longer clearly recognizable as having religious origins. Together we will wonder about a variety of core issues in queer studies and religion, such as embodiment, sexuality, gender-variability, coloniality, race appearing as religious identity and religious identity as gendered, as well as the role of catastrophe, utopia, and redemption in our experience of the world.

Rather than trying to settle on definitive answers, this course will cultivate a process of open-ended collective inquiry in which students will be encouraged to think autonomously and challenge facile solutions. Students should come away from the course with an expanded sense of how we grapple with issues related to gender, sexuality, desire, and embodiment in our everyday lives and how religion and religious formations are entangled with these issues well beyond religious communities. Moreover, students should experience this course as enlarging the set of critical tools at their hands for creative and rigorous thinking.

Fall 2019: RELI UN3517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3517	001/13153	T Th 10:10am - 11:25am 101 80 Claremont	Yannik Thiem	3	9/30

RELI UN3521 Muslim Masculinities. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This interdisciplinary course explores a variety of Muslim modes of masculinity as they have developed over time and as they have varied across different regions of the Islamic World. Students examine and problematize the social and cultural construction of masculinity in various parts of the Islamic world, including in the Middle East, South Asia, Sub-Saharan Africa, and in the Muslim diasporas of Europe and the Americas. In trying to understand the complex ways in which men and manhood are made in Islamic societies we will center our attention on the perceptions of bodily and social differences in Muslims' larger articulations of gender and sexuality. A particular focus will be on the relationship between masculinity and violence against women and non-Muslims.

Fall 2019: RELI UN3521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3521	001/54124	T Th 11:40am - 12:55pm 503 Hamilton Hall	Derek Mancini-Lander	4	17/60

RELI UN3901 Guided Reading and Research. 1-4 points.

Prerequisites: the instructor's permission.

Fall 2019: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/54103		Gil Anidjar	1-4	0/5
RELI 3901	002/54049		Courtney Bender	1-4	0/5
RELI 3901	003/54051		Beth Berkowitz	1-4	0/5
RELI 3901	004/54050		Clemence Boulouque	1-4	0/5
RELI 3901	005/54052		Euan Cameron	1-4	0/5
RELI 3901	006/54053		Elizabeth Castelli	1-4	0/5
RELI 3901	007/54054		Michael Como	1-4	0/5
RELI 3901	008/54055		Gary Dorrien	1-4	0/5
RELI 3901	009/54056		Matthew Engelke	1-4	0/5
RELI 3901	010/54057		Katherine Ewing	1-4	0/5
RELI 3901	011/54058		Bernard Faure	1-4	0/5
RELI 3901	012/54059		Najam Haider	1-4	0/5
RELI 3901	013/54060		Tiffany Hale	1-4	0/5
RELI 3901	014/54061		John Hawley	1-4	0/5
RELI 3901	015/54062		Gale Kenny	1-4	0/5
RELI 3901	016/54063		David Kittay	1-4	0/5
RELI 3901	017/54064		Rachel McDermott	1-4	1/5
RELI 3901	018/29223		David Moerman	1-4	0/5
RELI 3901	019/54066		Robert Somerville	1-4	0/5
RELI 3901	020/54067		Josef Sorett	1-4	0/5
RELI 3901	021/29214		Mark Taylor	1-4	0/5
RELI 3901	022/29213		Zhaohua Yang	1-4	0/5
RELI 3901	023/29212		Thomas Yarnall	1-4	0/5

RELI GU4105 Religion Lab. 4 points.

Discussion Section Required

In their research, scholars of religion employ a variety of methods to analyze "texts" ranging from historical documents to objects of visual culture. This course acquaints students with both the methods and the materials utilized in the field of religious studies. Through guided exercises, they acquire research skills for utilizing sources and become familiarized with dominant modes of scholarly discourse. The class is organized around a series of research "scavenger hunts" that are due at the start of each week's class and assigned during the discussion section (to be scheduled on the first day of class). Additional class meeting on Thursdays.

Fall 2019: RELI GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4105 001/09450 T 2:10pm - 4:00pm Tiffany 4 8/20
327 Milbank Hall Hale

RELI GU4206 HISTORY, TIME, AND TRADITION. 4 points.

In *Refashioning Futures*, David Scott asks if the accurate reconstruction of the past of an identity is the crucial point of a theoretical intervention. He ponders, instead, if such a historicist analysis should be followed by an emphatic “But so what?” The importance of asking “so what” is that it allows us to begin to refuse, Scott writes, “history its subjectivity, its constancy, its eternity” and “interrupt its seemingly irrepressible succession, causality, its sovereign claim to determinacy” (105) The question “so what?” requires, in other words, we answer for history’s prominence and providence as well as consider other possible formations of community, temporality, and inheritance not anchored by the weight of ‘history’.

This seminar examines the overwhelming hold of “history” in the present by considering Scott’s poignant “But so what?” We will begin by examining the problem-space of ‘history’ itself and how ‘history’ emerged as the foundation to understanding and ordering religious life globally. We will explore the wide-ranging effects of Enlightenment rationality and Orientalist knowledge production as well as consider the imbrication of history with theology and the secular. This section of the course will help develop a shared set of concepts and problematics, which we will continuously encircle throughout. We will then examine how scholars have troubled this historical conscription, reorienting our understandings of temporality, tradition, and the past. The last half of the course, therefore, considers a range of different methods and theories that undo the importance of ‘history’ while remaining attuned to questions of the past, time, and inheritance

Fall 2019: RELI GU4206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4206	001/29216	Th 2:10pm - 4:00pm 101 80 Claremont	Rajbir Judge	4	5/20

RELI GU4215 Hinduism Here. 4 points.

Historical, theological, social and ritual dimensions of “lived Hinduism” in the greater New York area. Sites selected for in-depth study include worshipping communities, retreat centers, and national organizations with significant local influence. Significant fieldwork component

Fall 2019: RELI GU4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4215	001/09446	W 4:10pm - 6:00pm 101 80 Claremont	John Hawley	4	9/15

RELI GU4304 Krishna. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of a single deity in the Hindu pantheon as illuminated in art, music, dance, drama, theological treatises, patterns of ritual, and texts both classic and modern. Special attention to Krishna’s consort Radha, to Krishna’s reception in the West, and to his portrayal on Indian television.

Fall 2019: RELI GU4304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4304	001/09447	T 4:10pm - 6:00pm 101 80 Claremont	John Hawley	4	10/16

RELI GU4311 Fanon: Religion, Race, Philosophy in Africa and beyond. 4 points.

This class will examine the work of Fanon through its sources, its context and its contemporary interpretations.

Fall 2019: RELI GU4311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4311	001/10355	M 10:10am - 12:00pm 201 80 Claremont	Mohamed Ait Amer Meziane	4	4/20

RELI GU4325 Sufism. 4 points.

Prerequisites: Permission of instructor.

This is a seminar for advanced undergraduate and graduate students who wish to gain an understanding of the richness of Sufism (Islamic mysticism). We will examine the historical origins, development and institutionalization of Sufism, including long-standing debates over its place within the wider Islamic tradition. By way of a close reading of a wide range of primary and secondary sources, we will examine Sufi attitudes toward the body, Sufi understandings of lineage, power and religious authority, as well as the continued importance of Sufism in the modern world

Fall 2019: RELI GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4325	001/54127	T 2:10pm - 4:00pm 201 80 Claremont	Derek Mancini-Lander	4	3/15

RELI GU4411 Religion, Mind, and Science Fiction. 4 points.

While not yet fully recognized as a literary or philosophical genre, science fiction, through the “dislocation” it operates, raises (or amplifies) questions that have long been the preserve of religion, metaphysics, or philosophy, and it has brought some of these questions into the realm of popular culture. Science fiction is often perceived as hostile to religion, yet it often blurs the boundaries between science and religion. Recent SF, unlike the traditional “space opera,” revolves around the relations between the human mind and Artificial Intelligence — a challenge that our fast-evolving technoscientific society is confronting with a new sense of urgency. This course examines overlapping issues and questions shared by religion and SF.

Fall 2019: RELI GU4411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4411	001/54096	M 2:10pm - 4:00pm 201 80 Claremont	Bernard Faure	4	17/25

RELI GU4514 Defining Marriage. 4 points.

This seminar examines the changing purpose and meaning of marriage in the history of the United States from European colonization through contemporary debates over gay marriage.

Topics include religious views of marriage, interracial marriage, and the political uses of the institution.

Fall 2019: RELI GU4514

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4514	001/09448	T 4:10pm - 6:00pm 501 Diana Center	Gale Kenny	4	12/35

RELI GU4515 Reincarnation and Technology. 4 points.

A seminar exploring reincarnation, resurrection, and their contemporary cyber-relatives, uploading and simulation.

We'll explore Abrahamic, Amerind, Chinese, Greek, and Indian accounts, the Tibetan Buddhist reincarnation tradition and methodology in detail, and contemporary research on reincarnation, near-death, and out-of-body experiences. We will then turn to contemporary developments in science, religion, and philosophy concerning uploading consciousness to computer media and the probability that we are living a simulation. We will investigate whether religious traditions are consistent with or expressive of simulated reality, and the application of karma to all of the above.

Fall 2019: RELI GU4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4515	001/54097	Th 4:10pm - 6:00pm 303 Hamilton Hall	David Kittay	4	31/42

RELI GU4524 Theories of the Unconscious and Jewish Thought. 4 points.

This survey aims to reflect on the specific dialogue between faith and theories of the mind. After an overview of pre-Freudian notions of the unconscious, the course will examine Freud's 1896 *Theory of the unconscious mind* and the key analytical concepts which display similarities between psychoanalysis and Jewish thought, from Talmudic hermeneutics to Kabbalah studies. We will explore the unconscious through readings from Leibnitz, Schelling, Goethe, von Hartmann, Freud, Jung, as well as its preludes and echoes in the Talmud and in the writings of Azriel of Gerona, the Magid of Mezrich, Krochmal, Leiner, Lou Andreas Salomé, Scholem, Idel, Wolfson.

Fall 2019: RELI GU4524

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4524	001/54101	T 2:10pm - 4:00pm 101 80 Claremont	Clemence Boulouque	4	11/25

RELI GU4535 Buddhist Contemplative Sciences. 4 points.

This course will explore key Buddhist contemplative sciences, including: stabilizing meditation; analytic insight meditation; the four immeasurables; form and formless trances; mind training; and the subtle body-mind states activated and transformed through advanced Tantric yoga techniques. These will be explored both within their traditional interdisciplinary frameworks, as well as in dialog with related contemporary arts and sciences.

Fall 2019: RELI GU4535

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4535	001/54104	Th 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	12/24
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RELI GU4611 The Lotus Sutra in East Asian Buddhism. 4 points.

Prerequisites: open to students who have taken one previous course in either Buddhism, Chinese religions, or a history course on China or East Asian.

The course examines some central Mahayana Buddhist beliefs and practices through an in-depth study of the Lotus sutra. Schools (Tiantai/Tendai, Nichiren) and cultic practices such as sutra-chanting, meditation, confessional rites, and Guanyin worship based on the scripture. East Asian art and literature inspired by it.

RELI GU4613 Silence. 4 points.

We live in a world of noise where incessant buzz and endless chatter are used as strategies of distraction deployed for political and economic purposes. Increasingly invasive technologies leave little time for quiet reflection and thoughtful deliberation. As the volume rises, silence becomes either a tactic for repression or a means of resistance.

This course will consider the question of silence from the perspectives of theology, philosophy, literature, politics, and art. Special attention will be paid to the role silence plays in different religious traditions. An effort will be made to create a dialogue among philosophical, theological literary, artistic, and film treatments of silence.

Questions to be considered include: How does the importance of silence change with time and place? What are the theological and metaphysical presuppositions of different interpretations of silence? What is the relation of changing technologies to the cultivation of, or resistance to silence? What are the psychological dimensions of different kinds of silence? What is the pedagogical value of silence? How can silence be expressed in music, the visual arts, and architecture? How does the importance of silence change in different social, political, and economic circumstances? Do we need more or less silence today?

Fall 2019: RELI GU4613

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4613	001/54112	W 10:10am - 12:00pm 101 80 Claremont	Mark Taylor	4	12/20

RELI GU4617 Image Theories in Chinese Religions. 4 points.

What does "image" mean in Chinese intellectual traditions? How did proponents of different religious persuasions construe the relationship between images and their referents differently and how did such construal change over time? Why did the practice of fashioning images often give rise to controversies in Chinese history? What makes images the object of adoration as well as destruction? Throughout the course, we will tackle these questions from diverse perspectives. The first half of the course examines a variety of accounts from Chinese indigenous classics and treatises. The second half looks at how discourses of the image further diversified after the arrival of Buddhism in China.

Fall 2019: RELI GU4617

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4617	001/54122	M 12:10pm - 2:00pm 101 80 Claremont	Kwi Lee	4	4/15

RELI GU4807 Divine Human Animal. 4 points.

This course focuses on "thinking with" animals (Levi-Strauss) through the lens of the religious imagination. The concentration will be primarily on "Western" religious cultures, especially Judaism and the question of Jewishness.

Fall 2019: RELI GU4807

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4807	001/09449	T 10:10am - 12:00pm 227 Milbank Hall	Beth Berkowitz	4	10/30

RELI GU4998 Religion and the Indian Wars. 4 points.

The frontier is central to the United States' conception of its history and place in the world. It is an abstract concept that reflects the American mythology of progress and is rooted in religious ideas about land, labor, and ownership. Throughout the nineteenth century, these ideas became more than just abstractions. They were tested, hardened, and revised by U.S. officials and the soldiers they commanded on American battlefields. This violence took the form of the Civil War as well as the series of U.S. military encounters with Native Americans known as the Indian Wars. These separate yet overlapping campaigns have had profound and lasting consequences for the North American landscape and its peoples.

This course explores the relationship between religious ideology and violence in the last half of nineteenth century. Organized chronologically and geographically, we will engage with both primary sources and classic works in the historiography of the Indian Wars to examine how religion shaped U.S. policy and race relations from the start of the Civil War through approximately 1910.

Fall 2019: RELI GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4998	001/09451	Th 2:10pm - 4:00pm 308 Diana Center	Tiffany Hale	4	6/15

ALL COURSES (INCLUDING THOSE NOT OFFERED THE CURRENT ACADEMIC YEAR)

RELI UN1310 God. 3 points.

What is religion? And what does God have to do with it? This course will seek to engage a range of answers to these questions. The class is not a survey of all religious traditions. Rather, it will address religion as a comparative problem between traditions as well as between scholarly and methodological approaches. We will engage the issue of perspective in, for example, the construction of a conflict between religion and science, religion and modernity, as

well as some of the distinctions now current in the media between religion, politics, economics and race. And we will wonder about God and gods.

RELI UN1312 Religion in Black America: An Introduction. 4 points.

Religion has been a complicated and contested, yet central, organizing force in the making of black life in the America. At the same time, African American religious life has been the subject of much scrutiny throughout the history of the United States, serving arguments that advocated abolition, emancipation and full enfranchisement, but also functioning as evidence to justify enslavement and second-class citizenship. To better understand such phenomena, this course provides a chronological survey that introduces students to a range of ideas and practices, individuals and institutions, as well as important themes and topics in African American (thus American) religious history. Primary attention is given to Afro-Protestantism in the United States; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. By the end of the semester students will be expected to possess a working knowledge of major themes/figures/traditions in African American religious life, as well as key questions that have shaped the study thereof.

RELI UN1610 Religion and Popular Culture. 3 points.

When we hear "pop culture," we often think of it in comparison to a "high culture." In reality, popular culture is something that everyone has easy access to, and represents a common language of the people. religion permeates American popular culture in surprising ways, and is part of national vocabulary. In addition, religious communities turn to popular culture as a way to preserve their own identities and uniqueness in the face of homogenization and assimilation.....

RELI UN1612 Religion and the History of Hip Hop. 4 points.

This is an undergraduate lecture course introducing students to the study of religion through an engagement with the history of hip hop music. More specifically, this course is organized chronologically to narrate a history of religion in the United States (circa 1970 to the present day) by mapping the ways that a variety of religious ideas and practices have animated rap music's evolution and expansion during this time period. While there are no required prerequisites for the course, prior coursework in religious studies, African American studies, and/or popular music is helpful.

Spring 2020: RELI UN1612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1612	001/15977	M W 1:10pm - 2:25pm Room TBA	Josef Sorett	4	110/110

RELI UN1615 Vampires. 3 points.

Do you believe in vampires? Like ghosts and zombies, vampires circulate in a secularized world and few are those who would speak of a "vampire religion." This course will attempt to do that. It will ask about the ubiquitous figure of the vampire, insofar as it evokes

the ancient and the archaic, the modern and the postmodern. With Bram Stoker's *Dracula* as our guide, and with the help of film, we will explore the religious significance of vampires and what they mean for the salvation — or perdition — of the soul. We will wonder about vampires and sexuality, vampires and media, vampires and (geo-)politics, and even vampires and the economy.

RELI UN1620 Religion and the Movies. 3 points.

This class is an introduction to both film and religious studies and aims to explore their interaction. Ranging from auteurs to blockbusters, the course will analyze movies that make use of the sacred and of religious themes, figures or metaphors. The course will probe the definitions and boundaries of religion — as theology, myth, ideology — and will show students how religion remains a critical presence in the arts, even in a secular guise. We will look at the ways in which popular culture can serve religious functions in contemporary society and examine how faith is represented in popular culture.

Spring 2020: RELI UN1620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1620	001/14358	T Th 2:40pm - 3:55pm Room TBA	Clemence Boulouque	3	100/100

RELI UN2201 BUDDHISM: INDO-TIBETAN-DISC. 0 points.

Not offered during 2019-20 academic year.

Discussion section for RELI UN2205 Buddhism: Indo-Tibetan

RELI UN2205 Buddhism: Indo-Tibetan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Historical introduction to Buddhist thought, scriptures, practices, and institutions. Attention given to Theravada, Mahayana, and Tantric Buddhism in India, as well as selected non-Indian forms.

RELI UN2304 Christianity. 3 points.

Survey of Christianity from its beginnings through the Reformation. Based on lectures and discussions of readings in primary source translations, this course will cover prominent developments in the history of Christianity. The structure will allow students to rethink commonly held notions about the evolution of modern Christianity with the texture of historical influence.

Spring 2020: RELI UN2304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/14359	M W 4:10pm - 5:25pm Room TBA	Robert Somerville	3	60/60

RELI UN2305 Islam. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the Islamic religion in its premodern and modern manifestations. The first half of the course concentrates

on "classical" Islam, beginning with the life of the Prophet, and extending to ritual, jurisprudence, theology, and mysticism. The second half examines how Muslims have articulated Islam in light of colonization and the rise of a secular modernity. The course ends with a discussion of American and European Muslim attempts at carving out distinct spheres of identity in the larger global Muslim community.

Fall 2019: RELI UN2305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/09430	M W 1:10pm - 2:25pm LI104 Diana Center	Najam Haider	4	28/60

RELI UN2306 Intro to Judaism. 3 points.

A historical overview of Jewish belief and practice as these have crystallized and changed over the centuries. Special attention to ritual and worship, the forms of religious literature, central concepts, religious leadership and institutions, Israel among the nations.

RELI UN2307 Chinese Religious Traditions. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Historical survey highlighting major developments in Chinese religion: includes selections from the "Warring States" classics, developments in popular Daoism, and an overview of the golden age of Chinese Buddhism. Touches on "Neo-Confucianism," popular literature of the late imperial period, and the impact of Western ideas.

RELI UN2308 Buddhism: East Asian. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and discussion. An introductory survey that studies East Asian Buddhism as an integral, living religious tradition. Emphasis on the reading of original treatises and historiographies in translation, while historical events are discussed in terms of their relevance to contemporary problems confronted by Buddhism. There is a mandatory weekly discussion session.

Fall 2019: RELI UN2308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/54093	T Th 10:10am - 11:25am 501 Northwest Corner	Michael Como	4	147/160

RELI UN2309 Hinduism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Considers efforts since 1900 to synthesize a coherent understanding of what "Hinduism" entails, sometimes under the heading of *sanatana dharma*. Using a rubric provided by the *Bhagavad Gita*, explores philosophical/theological (*jnana*), ritual (*karma*), and devotional (*bhakti*) aspects of Hindu life and thought.

Spring 2020: RELI UN2309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2309	001/00737	M W 2:40pm - 3:55pm Room TBA	John Hawley	3	20/60

RELI UN2315 Japanese Religious Traditions. 3 points.

Study of the development of the Japanese religious tradition in the premodern period. Attention given to the thought and practices of Shinto, Buddhism, and Confucianism; the interaction among these religions in Japanese history; the first encounter with Christianity.

RELI UN2335 Religion in Black America: An Introduction. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not offered during 2019-20 academic year.

Undergraduate lecture course introducing students to the study of African American religion. While there are no required prerequisites for the course, prior coursework in religious studies or African American history is helpful. This course progresses as a historical survey and is intended to introduce students to important themes in African American (thus American) religious history (i.e. migration, urbanization, nationalism) through a rich engagement with the religious practices and traditions of black communities. Primary attention is given to Afro-Protestantism in North America; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. While this is a lecture course, students are expected to arrive each week having completed assigned readings and prepared to make informed contributions to class discussions (as class size allows). By the end of the semester students will be expected to possess a working knowledge of major themes/figures/traditions in African American religious life, as well as key questions that have shaped the study thereof.

RELI UN2405 Chinese Religious Traditions. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Development of the Three Teachings of Confucianism, Taoism, and Buddhism: folk eclecticism; the contemporary situation in Chinese cultural areas. Readings drawn from primary texts, poetry, and popular prose.

Spring 2020: RELI UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2405	001/14360	T Th 2:40pm - 3:55pm Room TBA	Zhaohua Yang	3	30/70

RELI UN2415 Religions of Harlem. 3 points.

Not offered during 2019-20 academic year.

Through a range of field exercises and classroom guests, this course will introduce students to the rich religious history of Harlem,

while also challenging them to document and analyze the diversity of Harlem's contemporary religious scene.

RELI UN2670 Magic and Modernity. 3 points.

Not offered during 2019-20 academic year.

This course introduces students to the cultural history of magic: as an idea, as a practice, and as a tool with which to wield power and induce wonder. Magic, as we will explore, is a modern concept, the contours of which have been shaped by its relations with religion and science, always against larger backdrops—of the Enlightenment, Romanticism, (post) colonialism, and (post) secularism. Readings are drawn from philosophy, anthropology, religious studies, sociology, drama, literature, history, history of science, and political theory.

RELI UN2779 INTRODUCTION TO NATIVE AMERICAN RELIGIOUS TRADITIONS. 3 points.

There are over 800 distinct Native American nations currently within the borders of the United States. This course offers a broad introduction to the diversity of American Indian religious systems and their larger functions in communities and in history. We will explore general themes in the study of Native American religious traditions as well as look at some specific examples of practices, ideas, and beliefs. Of particular importance are the history and effects of colonialism and missionization on Native peoples, their continuing struggles for religious freedom and cultural and linguistic survival, and the ways in which American Indians engage with religion and spirituality, both past and present, to respond to social, cultural, political, and geographical change.

Spring 2020: RELI UN2779

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2779	001/00732	T Th 1:10pm - 2:25pm Room TBA	Tiffany Hale	3	17/75

RELI UN3199 Theory. 3 points.

An exploration of alternative theoretical approaches to the study of religion as well as other areas of humanistic inquiry. The methods considered include: sociology, anthropology, philosophy, hermeneutics, psychoanalysis, structuralism, genealogy, and deconstruction. (Previous title: Juniors Colloquium)

Fall 2019: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/54094	M 10:10am - 12:00pm 101 80 Claremont	Mark Taylor	3	11/25

Spring 2020: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/00656	T 2:10pm - 4:00pm Room TBA	Beth Berkowitz	3	11/20

RELI UN3202 Religion in America I. 3 points.

This course offers a survey of American religions from the 1500s through the mid-1800s. We examine the politics of conversion in different kinds of colonialisms; the different strands of Christianity

in early America and their cultural contexts; the emergence of evangelical Protestantism; the effects of religious disestablishment in the early republic; and the relationship between religion and social movements.

Fall 2019: RELI UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/09436	T Th 1:10pm - 2:25pm 328 Milbank Hall	Gale Kenny	3	17/50

RELI UN3203 Religion in America II. 3 points.

Survey of American religion from the Civil War to the present, with an emphasis on the ways religion has shaped American history, culture, and identity.

Spring 2020: RELI UN3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3203	001/00644	M W 11:40am - 12:55pm Room TBA	Gale Kenny	3	21/50

RELI UN3204 Religion, Sexuality, and Truth. 3 points.

The extent of Michel Foucault engagement with Christianity has only recently come to light with the publication of his lectures from the early 1980s. These lectures constitute, in many ways, the culmination of Foucault's work on power, sexuality, subjectivity and the discursive operations whereby knowledge is produced.

In this course, we will appreciate the depth and originality of Foucault's critical account of Christianity and examine the major role it occupied in his thought on subjects such as sexuality, governmentality, truth telling, confession, and judicial forms. We will understand Foucault's work along with the crucial role he ascribed to Christianity in forming the history of the present.

RELI UN3206 Religion in the Archive. 4 points.

Students must sign up for a discussion section on Fridays, 10:10-11:25. **Not offered during 2019-20 academic year.**

In Religion in the Archive, students will conduct archival research and create digital humanities projects that "remix" and decolonize a missionary archive: the Papers of Matilda Calder Thurston (1875-1958), an American missionary who helped establish the first four-year women's college in China, Ginling College in Nanjing. Thurston's papers belong to the Missionary Research Library housed at Burke Library. The class will meet twice a week for lectures addressing the history of American and Chinese religions and focused on theoretical questions of imperialism, gender, conversion, and modernization. Students will also engage with debates about the archive/archiving, the digital humanities, and what it means to present scholarly research to a public audience. During the Friday recitation, students will conduct archival research and scan archival documents, to embed metadata, to work with a database program, and to design a website and/or produce a podcast.

Spring 2020: RELI UN3206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 3206	001/00645	M W 2:40pm - 3:55pm Room TBA	Gale Kenny	4	13/16
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RELI UN3210 Millennium: Apocalypse and Utopia. 3 points.

Study of apocalyptic thinking and practice in the western religious tradition, with a focus on American apocalyptic religious movements and their relation to contemporary cultural productions, as well as notions of history and politics.

RELI UN3225 Religion and Capitalism: Faith and the American Market. 3 points.

Is the market a religious system? Can we consider "capitalism" to be a key arena in which the relationship between the religious and the secular is both negotiated and performed? In this course, students will explore the complicated relationship between faith and the market, the religious and the secular, and the evolution of vice and virtue as they relate to economic thriving in the United States. While no hard and fast rules for thinking about the relationship between right conduct and material interests cut across all religious and philosophical traditions, human agents invest real faith into currency, into markets, and into the reigning economic order to bring about increased opportunities, wealth, and freedom to people across the globe. Throughout this semester, we will chart both the long shadows and the future trajectories of these beliefs from our American perspective.

In this course, students will develop a strong foundational knowledge of the key theorists who have defined these relationships for generations before applying a critical lens to a number of global themes (the construction of race, the power of class, and the policing of gender) in an American context. To this end, our syllabus will be split into three units, each anchored by a particular theorist central to the academic study of religion (Max Weber, Karl Marx, and Michel Foucault) and followed by a number of case study texts that will bring their constructs and lenses into more lively debate and discussion.

RELI UN3230 Philosophy of Religion. 3 points.

This course in the Philosophy of Religion will consider the relationship between faith and reason, religion and morality, religion and art, and religion and technology. Attention will be devoted to an exploration of comparative interpretations of God or the divine in the western philosophical and theological traditions and Zen Buddhism as well as the interrelation of interpretations of God, self, and world. The course will conclude with a consideration of the question of life after death in philosophy, literature, and information technology.

Spring 2020: RELI UN3230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3230	001/15978	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3	25/30

RELI UN3260 Sociology of Religion. 3 points.

Prerequisites: prior coursework in religion or sociology is highly encouraged.

This course introduces classical and contemporary theoretical and empirical approaches to the sociological study of religion, including secularization and secularity, religious identity formation, and sociological approaches to religious practice and meaning. Special focus will be on contemporary American topics, including religion and transnationalism, the role of religious actors and discourses in American politics, law and economics, and everyday religious practice.

Fall 2019: RELI UN3260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3260	001/54095	M W 4:10pm - 5:25pm 401 Chandler	Courtney Bender	3	21/30

RELI UN3301 Hebrew Bible. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Ethics and Values.

Introduction to the literature of ancient Israel against the background of the ancient Near East.

Spring 2020: RELI UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3301	001/00710	T Th 10:10am - 11:25am Room TBA	Beth Berkowitz	3	17/75

RELI UN3303 Judaism and Translation in the Medieval and Early Modern Mediterranean. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course explores both the practice of translation (the rendering of texts from one language to another) and the idea of translation (as a medium of cultural transmission) in the medieval and early modern Mediterranean.

RELI UN3304 Memory and Violence in Shi'i Islam. 4 points. Not offered during 2019-20 academic year.

Why do humans insist on remembering and often memorializing violence? And how do they decide when violence is worth remembering or not? This course ponders these questions through a case study by examining the martyrdom of Husayn b. Ali (d. 680), grandson of the Prophet Muhammad and the third Imam in Shi'i Islam. We will explore the many ways in which this violent event has acquired meaning for people around the world from the seventh century until today using the lens of "collective memory" and its role in community formation. There are no prerequisites, but background knowledge of Middle Eastern history will be very helpful.

RELI UN3309 Modern Islamic Thought. 4 points.

Who speaks for Islam and Muslims today? Is an "Islamic Reformation" necessary? Is there a Muslim "clergy"? What makes certain religious voices and institutions more authoritative than others? This course explores questions such as how can we conceptualize "authority" and the ways in which religious

authorities are constructed in Islam in the modern and post-modern age. What sorts of shifts have occurred at centers of Islamic learning in the modern period? How may some of major influential orientations to Islamic thought today be characterized? How are American Muslims thinkers influenced by modern Islamic thought from Muslim majority countries and how are they developing their own body of thought? What are some of the major debates in contemporary American Muslim thought regarding violence, gender, race and economic justice?

Fall 2019: RELI UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3309	001/54123	M 2:10pm - 4:00pm 317 Hamilton Hall	Ebadur Rahman	4	3/15

RELI UN3315 Readings in Kabbalah. 3 points.

This course will serve to provide a wide but detailed exploration of Jewish Mysticism, raising questions about its connection to other Jewish traditions, the kind of symbolism and hermeneutics at stake, and the conception of God, man and world we are dealing with, amongst other major ideas.

RELI UN3340 Early Christianity. 3 points.

Examines the competing currents within early Christianity, with emphasis placed on the literary and social expressions of Christian belief and identity. Topics to be covered include persecution and martyrdom, debates over authority and religious experience, orthodoxy and heresy, and asceticism and monasticism, among others.

RELI UN3357 I and We in the Christian East: The Making of Identity. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will provide a survey of Christian history in the eastern Mediterranean and Near East from roughly the fourth to the eleventh centuries with particular attention to religion and identity. How would the various Christians in this era answer the questions: "Who am I?" "Who are we?" How did their understanding of the divine influence their understanding of themselves and how was this identity enacted through writing and ritual? Though our focus will be on this period, we will also consider the framing of the history of "Eastern" Christianity into the modern period. No prerequisites.

RELI UN3401 MUSLIMS IN DIASPORA-DISC. 0 points.

Corequisites: RELI UN3407

Discussion section associated with RELI UN3407-MUSLIMS IN DIASPORA.

Spring 2020: RELI UN3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3401	001/14366		Derek Mancini-Lander	0	8/30
RELI 3401	002/14367		Derek Mancini-Lander	0	0/30

RELI UN3406 Space, Narrative, and Religion in India. 3 points.**Not offered during 2019-20 academic year.**

Course Description: This course is fundamentally about sacred places and the stories that people tell about and within them. We will explore the role that narratives – mythological, historical, personal, and academic – have played in the creation, maintenance and conceptualization of sacred spaces in South Asia. Each class in the first section of the course is devoted to a particular site or category of sites, and examines the roles that religious texts and iconography play in the traditions with which the sites are associated. In the second section of the course, we will consider ethnographic perspectives on religious journeys. Finally, in the third section, we will focus on the idealization of region or nation as a sacred space, and examines the manner in which narratives are invoked to formulate identities and to negotiate conflicts and differentials of power.

As we navigate these topics, we will explore answers to the following questions: How are spaces made “sacred”? What are the multiple types of narratives that come to be associated with sacred spaces, and what roles do they play in their production? How are such narratives transmitted, and for whom? How do religious practitioners utilize these spaces and their narratives in order to negotiate various facets of daily life, and in order to situate themselves within the religious landscape of South Asia?

RELI UN3407 Muslims in Diaspora. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Consideration of controversies surrounding mosque-building, headscarves, honor killing, and other publicized issues that expose tensions surrounding citizenship and belonging for Muslims in North America and Europe. Exploration of film and other media representations of Muslims in the West. There will be additional meeting times for film screenings

Spring 2020: RELI UN3407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/14368	T Th 11:40am - 12:55pm Room TBA	Derek Mancini-Lander	4	46/60

RELI UN3425 Judaism and Courtly Literature in Medieval and Early Modern Iberia and Italy. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course explores secular Jewish literature composed in the medieval and Early Modern Mediterranean in the context of its Arabic and Romance-language counterparts. After examining the literary, linguistic and philosophical backdrop of Jews in the Islamic Empire, we will focus on poetry and prose of al-Andalus, Christian Spain and Italy. We will look at examples of how Jews depicted themselves and how Christian and *converso* thinkers portrayed Jews. In addition, we will consider two crossover writers, one Jew in Spain and one in Italy, whose compositions in Castilian and Italian were accepted and integrated into Christian

society. Historical materials will accompany textual examples, which span the eleventh through sixteenth centuries.

RELI UN3430 Indigenous Religious Histories. 4 points.

Nomads, natives, peasants, hill people, aboriginals, hunter-gatherers, First Nations—these are just a handful of the terms in use to define indigenous peoples globally. The names these groups use to describe themselves, as well as the varying religious practices, attitudes, and beliefs among these populations are far more numerous and complex. For much of recorded history however, colonial centers of power have defined indigenous peoples racially and often in terms of *lacking* religion; as pagan, barbarian, non-modern, and without history or civilization.

Despite this conundrum of identity and classification, indigenous religious traditions often have well-documented and observable pasts. This course considers the challenges associated with studying indigenous religious history, as well as the changing social, political, and legal dimensions of religious practice among native groups over time and in relationship to the state. Organized thematically and geographically, we will engage with classic works of ethnohistory, environmental history, indigenous studies, the history of anthropology, and religious studies as well as primary sources that include legal documentation, military records, personal testimony, and oral narrative.

RELI UN3501 Introduction To the Hebrew Bible. 3 points.

An introduction, by critical methods, to the religious history of ancient Israel against the background of the ancient Near East.

RELI UN3511 Tantra in South Asia, East Asia & the West. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the history, literature, and ideology of Tantra and Tantric texts, deities, rituals, and traditions, proceeding chronologically from the early centuries C.E. to current forms of Tantric practice, and primarily covering India, China, and Japan.

Attention will also be given to contemporary iterations of Tantra in the West. Questions of definition, transmission, patronage, gender, and appropriation link the various sections of the course.

Readings include primary texts, secondary sources, local case studies, and art historical material.

RELI UN3517 Queer Theory, Religion, and Their Discontents. 3 points.

For the most part queer studies and religious studies have met each other with great suspicion and little interest in the conceptual resources of the respectively other field. Our guiding questions will be: What does religion have to do with queerness? What does queerness have to do with religion? Queer theory and activists, unless they already identify as religious, often have little or little good to say about religion. Conversely, many religious traditions intensively regulate gender, sex, sexuality, and especially queerness. Beyond the mutual disinterest, anxieties, and animosities, this course will explore how religious studies can enrich queer theory and how queer theory can reshape our thinking about religious studies.

Our course will examine how our questions about religion shift once we start paying attention to queerness, gender, sexuality, pleasure, pain, and desire. Equally, we will examine how queer discourses mobilize religious and theological images and ideas, especially where these images and ideas are no longer clearly recognizable as having religious origins. Together we will wonder about a variety of core issues in queer studies and religion, such as embodiment, sexuality, gender-variability, coloniality, race appearing as religious identity and religious identity as gendered, as well as the role of catastrophe, utopia, and redemption in our experience of the world.

Rather than trying to settle on definitive answers, this course will cultivate a process of open-ended collective inquiry in which students will be encouraged to think autonomously and challenge facile solutions. Students should come away from the course with an expanded sense of how we grapple with issues related to gender, sexuality, desire, and embodiment in our everyday lives and how religion and religious formations are entangled with these issues well beyond religious communities. Moreover, students should experience this course as enlarging the set of critical tools at their hands for creative and rigorous thinking.

Fall 2019: RELI UN3517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3517	001/13153	T Th 10:10am - 11:25am 101 80 Claremont	Yannik Thiem	3	9/30

RELI UN3518 Buddhism in East Asian Medical Cultures. 3 points.

This seminar introduces students to the intersections between Buddhism and medicine in East Asia in the premodern period. The course begins with Buddhist ideas and practices concerning health and disease in ancient India over two millennia ago, and follows the eastward transmission of these concerns and activities into China, Korea, and Japan until roughly the 16th century. In addition to secondary studies representing the latest research in this burgeoning field, this course gives special attention to critical readings of shorter selections of primary sources translated into English, including sutras, monastic regulations, recipe collections, liturgical documents, and longevity manuals. Reading these selections through multiple methodological frameworks—social history, history of the body, and material culture, students will gain an appreciation of the rich diversity that characterized Buddhist healthcare practices before the introduction of Western medicine. A fundamental premise of this course is that different currents of Buddhism constituted medical cultures in their own right, a perspective that will help us to complicate conventional notions of both “religion” and “medicine.” We will aim to achieve a nuanced understanding of the ways that healing concerns shaped how monks and nuns related to actors of other therapeutic communities, and therefore emphasis is placed on the social and cultural contexts in which Buddhist medical practices were embedded. Students will thereby acquire a basic grounding in East Asian Buddhism to complement our particular concern with the

dynamics of medical history. Previous coursework in Buddhism or East Asian religion is thus recommended but not required.

RELI UN3521 Muslim Masculinities. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This interdisciplinary course explores a variety of Muslim modes of masculinity as they have developed over time and as they have varied across different regions of the Islamic World. Students examine and problematize the social and cultural construction of masculinity in various parts of the Islamic world, including in the Middle East, South Asia, Sub-Saharan Africa, and in the Muslim diasporas of Europe and the Americas. In trying to understand the complex ways in which men and manhood are made in Islamic societies we will center our attention on the perceptions of bodily and social differences in Muslims’ larger articulations of gender and sexuality. A particular focus will be on the relationship between masculinity and violence against women and non-Muslims.

Fall 2019: RELI UN3521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3521	001/54124	T Th 11:40am - 12:55pm 503 Hamilton Hall	Derek Mancini-Lander	4	17/60

RELI UN3522 MUSLIM MASCULINITIES-DISC. 0 points.

Discussion section for RELI UN3521 - MUSLIM MASCULINITIES

Fall 2019: RELI UN3522

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3522	001/54125		Derek Mancini-Lander	0	13/30
RELI 3522	002/54126		Derek Mancini-Lander	0	0/30

RELI UN3575 Evangelicalism: Sex, Media, and Religion in America. 3 points.

Crossing denominations and encompassing a range of theological commitments, evangelical Christianity can be described as a theological disposition, a mode of hermeneutical practice, a theological-aesthetic sensibility, a mass spiritual movement, a practice of cultivating sacred affect, an errand to the world, and a genre of revivalism. This multidisciplinary seminar will emphasize the role of popular media in constituting an evangelical public, the gendered nature of evangelical subjectivity, the role of sex and sexuality in evangelical self-definition, and the ways that evangelical theological categories have shaped what we think of as “the secular” in the United States.

RELI UN3606 Religion and Media in America. 3 points.

This course examines the role of media in shaping religious identities, beliefs, practices, and institutions using case studies from American history and contemporary American culture. For the purpose of this course, the term media will be interpreted broadly to mean any technique or technology designed to

communicate information such as verbal discourses, written texts, visual representations, ritual gestures, sacred objects, and telecommunication technologies. In foregrounding media, we will examine how religious beliefs and practices have been remembered, disseminated, translated, and contested in the American context. Just as important, we will examine how religious groups have negotiated their American identity through media practices and their narrative content.

As we will see, acts of transmission such as writing, mapping, broadcasting, and televising play essential parts in drawing and erasing communal boundaries from both within and without. With this in mind, we will not be attempting to identify what religion is, so much as the ways in which historical actors understood themselves to be religious. We will find that what counts as religion varies, sometimes dramatically, across times, spaces, and cultures; "America" is similarly unstable and contested. Our job, then, will be to understand the role of media and mediation in constituting their contours.

RELI UN3612 The Religious History of Hip Hop. 3 points.

This is an undergraduate lecture course introducing students to the study of religion through an engagement with the history of hip hop music. More specifically, this course is organized chronologically to narrate a history of religion in the United States (from 1970 to the present day) by mapping the ways that a variety of religious ideas and practices have animated rap music's evolution and expansion during this time period. While there are no required prerequisites for the course, prior coursework in religious studies, African American studies, and/or popular music is helpful.

RELI UN3630 Religion and Black Popular Cultures. 3 points.

As an exploration of the relationship between religion, race, and popular culture, the course will begin with theoretical readings that expose students to a variety of definitions of and approaches to each of these categories. After tackling these theoretical concerns, the remainder of the course will entail a cross genre and thematic engagement with the terrain of black popular culture(s) in which students will be challenged to apply new theoretical resources in order to interpret a wide range of "religious" phenomena.

RELI UN3901 Guided Reading and Research. 1-4 points.

Prerequisites: the instructor's permission.

Fall 2019: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/54103		Gil Anidjar	1-4	0/5
RELI 3901	002/54049		Courtney Bender	1-4	0/5
RELI 3901	003/54051		Beth Berkowitz	1-4	0/5
RELI 3901	004/54050		Clemence Boulouque	1-4	0/5
RELI 3901	005/54052		Euan Cameron	1-4	0/5
RELI 3901	006/54053		Elizabeth Castelli	1-4	0/5

RELI 3901	007/54054	Michael Como	1-4	0/5
RELI 3901	008/54055	Gary Dorrien	1-4	0/5
RELI 3901	009/54056	Matthew Engelke	1-4	0/5
RELI 3901	010/54057	Katherine Ewing	1-4	0/5
RELI 3901	011/54058	Bernard Faure	1-4	0/5
RELI 3901	012/54059	Najam Haider	1-4	0/5
RELI 3901	013/54060	Tiffany Hale	1-4	0/5
RELI 3901	014/54061	John Hawley	1-4	0/5
RELI 3901	015/54062	Gale Kenny	1-4	0/5
RELI 3901	016/54063	David Kittay	1-4	0/5
RELI 3901	017/54064	Rachel McDermott	1-4	1/5
RELI 3901	018/29223	David Moerman	1-4	0/5
RELI 3901	019/54066	Robert Somerville	1-4	0/5
RELI 3901	020/54067	Josef Sorett	1-4	0/5
RELI 3901	021/29214	Mark Taylor	1-4	0/5
RELI 3901	022/29213	Zhaohua Yang	1-4	0/5
RELI 3901	023/29212	Thomas Yarnall	1-4	0/5

RELI UN3902 Guided Reading and Research. 1-3 points.

Prerequisites: the instructor's permission.

Spring 2020: RELI UN3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/14369		Gil Anidjar	1-3	0/5
RELI 3902	002/14370		Courtney Bender	1-3	2/5
RELI 3902	003/14371		Clemence Boulouque	1-3	0/5
RELI 3902	004/14372		Michael Como	1-3	0/5
RELI 3902	005/14373		Matthew Engelke	1-3	0/5
RELI 3902	006/14374		Katherine Ewing	1-3	0/5
RELI 3902	007/14375		Bernard Faure	1-3	0/5
RELI 3902	008/14376		David Kittay	1-3	0/5
RELI 3902	009/14378		Rachel McDermott	1-3	0/5
RELI 3902	010/14379		David Moerman	1-3	0/5
RELI 3902	011/14380		Robert Somerville	1-3	0/5
RELI 3902	012/14381		Josef Sorett	1-3	0/5
RELI 3902	013/14382		Mark Taylor	1-3	0/5
RELI 3902	014/14383		Yannik Thiem	1-3	0/5
RELI 3902	015/14384		Zhaohua Yang	1-3	0/5

RELI 3902	016/14385	Thomas Yarnall	1-3	0/5
RELI 3902	017/25026	Rajbir Judge	1-3	0/10
RELI 3902	020/00730	Gale Kenny	1-3	0/5
RELI 3902	021/00752	Tiffany Hale	1-3	0/5

RELI GU4013 Buddhism and Neuroscience. 4 points.

With the Dalai Lama's marked interest in recent advances in neuroscience, the question of the compatibility between Buddhist psychology and neuroscience has been raised in a number of conferences and studies. This course will examine the state of the question, look at claims made on both sides, and discuss whether or not there is a convergence between Buddhist discourse about the mind and scientific discourse about the brain.

Spring 2020: RELI GU4013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4013	001/14386	M 2:10pm - 4:00pm 201 80 Claremont	Bernard Faure	4	25/25

RELI GU4105 Religion Lab. 4 points.

Discussion Section Required

In their research, scholars of religion employ a variety of methods to analyze "texts" ranging from historical documents to objects of visual culture. This course acquaints students with both the methods and the materials utilized in the field of religious studies. Through guided exercises, they acquire research skills for utilizing sources and become familiarized with dominant modes of scholarly discourse. The class is organized around a series of research "scavenger hunts" that are due at the start of each week's class and assigned during the discussion section (to be scheduled on the first day of class). Additional class meeting on Thursdays.

Fall 2019: RELI GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4105	001/09450	T 2:10pm - 4:00pm 327 Milbank Hall	Tiffany Hale	4	8/20

RELI GU4171 Law and Medieval Christianity. 4 points.

Prerequisites: the instructor's permission.

An introduction to the importance of Church law for the study of medieval Christianity through readings in both primary and secondary sources (all in English or English translations). Topics will be selected, as the sources permit, to illustrate the evolution of Western canon law and its impact both as a structural and as an ideological force, in medieval Christianity and in medieval society in general.

Spring 2020: RELI GU4171

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4171	001/14388	T 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	5/15

RELI GU4202 Time, Modernity, Death. 4 points.

The notion of modernity in the West implies a distinctive interpretation of temporality and subjectivity, which grows out of

theological and philosophical traditions. Lutheran Protestantism, as developed by Hegel, Kierkegaard, and Heidegger, created the conditions for both the construction and the deconstruction of modernism and its extension in postmodernism. The course will examine these two trajectories by considering their contrasting interpretations of the relationship of human selfhood to time and death. On the one hand, the death of God leads to a radical immanence in which human subjectivity either is absolutized as the will to power or mastery that dominates or negates all difference and otherness, or is repressed by universal structures and infrastructures for which individual subjects are unknowing and unwitting vehicles. On the other hand, human subjectivity appears to be finite because its irreducible singularity is always given by an other that can be neither known nor controlled. The course will conclude by considering the alternative psychological, political, and ethical implications of these two contrasting positions.

RELI GU4204 Religions of the Iranian World. 4 points.

This course is a seminar open to undergraduate and graduate students who wish to gain an understanding of the diverse religious traditions of the Iranian world from ancient to contemporary times. This subject has often been organized around the assumption that a continuous tradition of an Iranian national religious heritage can be identified and traced through from ancient, Zoroastrian to medieval Islamic traditions, and then ultimately to contemporary Shi'ite and minority Zoroastrian and Baha'i traditions. This perspective has presumed that such a legacy has been constitutive and determinative for Iranians' sense of national identity and for their core religious world-view. From the outset, this course aims to problematize and ultimately overturn this approach, first of all, by historicizing the very idea of Iran and by challenging the assumption that an Iranian identity was even recognizable before the twentieth century, much less constitutive of some unbroken traditions of religious thought or practice. While there may be some persistent threads in language, mythic heritage, and religiosity that one can observe throughout the Iranian plateau and Central Asia across the centuries, it is more useful to examine these as part of a larger matrix of exchanges with adjacent cultural and religious systems. Students will examine a series of interrelated themes that are key to the studies of religion in the Iranian world. While the course does cover material that progresses roughly chronologically from the first millennium BCE to contemporary times, it is not a systematic historical survey. Each week will focus on a cluster of scholarly works and related primary sources on focused topics related to the successive religious traditions in Iran, the Mazdaen dualist traditions, Islam, and Baha'ism.

Spring 2020: RELI GU4204

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4204	001/14389	T 2:10pm - 4:00pm 101 80 Claremont	Derek Mancini-Lander	4	15/15

RELI GU4205 Love, Translated: Hindu Bhakti. 4 points.

Hindu poetry of radical religious participation-bhakti-in translation, both Sanskrit (the Bhagavad Gita) and vernacular. How does such poetry/song translate across linguistic divisions within India and into English? Knowledge of Indian languages is welcome but not required. Multiple translations of a single text or poet bring to light the choices translators have made.

Spring 2020: RELI GU4205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4205	001/00651	Th 4:10pm - 6:00pm Room TBA	John Hawley	4	7/15

RELI GU4206 HISTORY, TIME, AND TRADITION. 4 points.

In *Refashioning Futures*, David Scott asks if the accurate reconstruction of the past of an identity is the crucial point of a theoretical intervention. He ponders, instead, if such a historicist analysis should be followed by an emphatic “But so what?” The importance of asking “so what” is that it allows us to begin to refuse, Scott writes, “history its subjectivity, its constancy, its eternity” and “interrupt its seemingly irrepressible succession, causality, its sovereign claim to determinacy” (105) The question “so what?” requires, in other words, we answer for history’s prominence and providence as well as consider other possible formations of community, temporality, and inheritance not anchored by the weight of ‘history’.

This seminar examines the overwhelming hold of “history” in the present by considering Scott’s poignant “But so what?” We will begin by examining the problem-space of ‘history’ itself and how ‘history’ emerged as the foundation to understanding and ordering religious life globally. We will explore the wide-ranging effects of Enlightenment rationality and Orientalist knowledge production as well as consider the imbrication of history with theology and the secular. This section of the course will help develop a shared set of concepts and problematics, which we will continuously encircle throughout. We will then examine how scholars have troubled this historical conscription, reorienting our understandings of temporality, tradition, and the past. The last half of the course, therefore, considers a range of different methods and theories that undo the importance of ‘history’ while remaining attuned to questions of the past, time, and inheritance

Fall 2019: RELI GU4206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4206	001/29216	Th 2:10pm - 4:00pm 101 80 Claremont	Rajbir Judge	4	5/20

RELI GU4212 Modern Buddhism. 4 points.

What most Americans and Europeans call ‘Buddhism’ today is in fact a hybrid tradition dating back to the 19th century. It owes as much to European philosophy and esoteric thought as to Asian traditions themselves and appeared in the context of decolonization. This course will survey the history of this recent tradition, identifying cultural and political trends that contributed to its creation in various geographical areas. Readings include several primary texts by important proponents of Modern Buddhism. The texts should also be read in comparison with

the appropriate scholarly works on the Asian traditions they supposedly draw on. One course on Buddhism or East Asian Religions is recommended, but not required, as background.

RELI GU4215 Hinduism Here. 4 points.

Historical, theological, social and ritual dimensions of “lived Hinduism” in the greater New York area. Sites selected for in-depth study include worshipping communities, retreat centers, and national organizations with significant local influence. Significant fieldwork component

Fall 2019: RELI GU4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4215	001/09446	W 4:10pm - 6:00pm 101 80 Claremont	John Hawley	4	9/15

RELI GU4218 Heidegger and the Jews. 4 points.

The conundrum of Martin Heidegger and the Jews continues. The recent publications of Heidegger’s *Black-Notebooks* reignited the debate over his ties to the National Socialist party and his personal anti-Semitism. These notebooks reveal that Heidegger establishes a *philosophical* case for his prejudices against Jews, one which arguably cuts to the very heart of his thinking. And yet, many of his closest and most brilliant students were Jewish, and it is becoming increasingly clear that his philosophy has left an indelible mark on twentieth century Jewish thought. This course is divided into two units: In the first unit we will become familiar with some central themes of Heidegger’s thought and explore the question of the philosophical grounding of his political failing. In the second unit we will examine a variety of responses to Heidegger by Jewish thinkers who, in different ways and for different purposes, both profited greatly from his philosophical innovations and levelled profound criticism of his thought and actions. The animating question the course will attempt to answer is: Is it possible, as one student of Heidegger’s had suggested, to think with and against Heidegger?

RELI GU4219 Colonialism and religion in South Asia. 4 points.

This course examines the conceptual trouble wrought by colonial rule in relation to boundaries, both of tradition and identity. We will begin by examining the category of ‘religion’ and how it emerged as an object of inquiry to understand and order life in the South Asian subcontinent. By exploring the wide-ranging effects of Orientalist knowledge production premised on secular historicity, this section of the course will help develop a shared set of concepts, which we will continuously encircle throughout. We will then question the role of this knowledge/power nexus in creating and reifying both notions of ‘fluid’ and ‘communal’ boundaries by studying the internal coherence and colonial inflection of several religious traditions in the subcontinent (Hinduism, Sikhism, Islam, and Buddhism). In concluding, we will consider how colonialism shifted the parameters of selfhood, creating new grounds, as well as reifying old ones, from which subjects came to contest the parameters of a given tradition.

RELI GU4220 Political Theology. 4 points.

Prerequisites: Prior coursework in Religion, MESAAS, political theory, or related field is advised.

This reading-intensive course will engage the notion of “political theology,” a phrase that emerges within the Western tradition (Varro, Augustine) and has become instrumental in thinking and institutionalizing the distinction between religion and politics over the course of the twentieth century. We will take as our point of departure the key texts that have revived this notion (Schmitt, Kantorowicz), and engage their interpretation of the Bible and of Augustine and medieval followers. We will then examine the role of Spinoza and Moses Mendelsohn, the extension of the notion of religion to “the East” (Said, Grosrichard, Asad), and conclude with some of the current debates over secularization in the colonizing and colonized world.

The main part of the course will be dedicated to the question of religion as it informs our thinking of disciplinary divisions. Is religion a sphere than can be isolated? How did it become so? What are the effects of this isolation?

RELI GU4224 Dialectics: Theology and Philosophy between Europe and Africa. 4 points.

What is dialectical reason? Is it still a mode of theological reasoning, as many critiques have argued, or a revolutionary form of secular critique? To what degree did it shape the language of revolutionary Marxism both in Europe and Africa, as the work of Fanon notably testifies? How does it still define the horizon of contemporary philosophy, French theory and postcolonial thinking? The class will address this question. Beginning with Hegel, it will trace the becoming of his legacy in Marx, Fanon, Sartre and contemporary issues in French theory and African philosophy.

Spring 2020: RELI GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4224	001/14391	Th 12:10pm - 2:00pm 201 80 Claremont	Mohamed Ait Amer Meziane	4	4/20

RELI GU4228 South Asia and the Secular. 4 points.

This seminar explores different contestations and inflections of the secular in South Asia. We will begin by tracing a genealogy of the secular, which gave rise to a particular discursive grammar. Grounding ourselves in this formative space of the secular, we will study the constitutive nature of imperialism within the secular by examining the disciplining and conscripting role of Orientalism and the colonial state. Though noting these changes produced by colonial rule, this course also explores the arguments scholars of South Asia have made distinguishing between “secularisms” and the production of a tolerant and cosmopolitan South Asian orientation. In conjunction and against these possibilities, rather than consider the religious retrograde or communal, we will consider the continual striving toward political autonomy through disputation in the parameters of a given tradition—which resist incorporation into a broader pluralist or syncretic Indic model.

RELI GU4304 Krishna. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of a single deity in the Hindu pantheon as illuminated in art, music, dance, drama, theological treatises, patterns of ritual, and texts both classic and modern. Special attention to Krishna's consort Radha, to Krishna's reception in the West, and to his portrayal on Indian television.

Fall 2019: RELI GU4304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4304	001/09447	T 4:10pm - 6:00pm 101 80 Claremont	John Hawley	4	10/16

RELI GU4305 Secular and Spiritual America. 4 points.

Prerequisites: Majors and concentrators receive first priority. Are Americans becoming more secular or more spiritual (not religious), or both? What are the connections between secularism and what is typically called non-organized religion or the spiritual in the United States? We will address these questions by looking at some of the historical trajectories that shape contemporary debates and designations (differences) between spiritual, secular and religious.

RELI GU4307 Interactions of Buddhism and Daoism in China. 4 points.

Prerequisites: one course on Buddhism or Chinese religious traditions is recommended, but not required, as background. In this course we will read English scholarship that probes the complex relationships between Buddhism and Daoism in the past two millennia. Students are required not only to be aware of the complementarity and tensions between them, but to be alert to the nature of claims to religious distinction or mixing and the ways those claims were put forward under specific religio-historical circumstances. The course is designed for advanced undergraduate and graduate students in East Asian religion, literature, history, art history and anthropology.

RELI GU4308 Jewish Philosophy and Kabbalah. 4 points.

The purpose of this seminar is to study the interactions between two major intellectual trends in Jewish History, the philosophical and the mystical ones. From the medieval period to the twenty-first century, we will discuss their interactions, polemics and influences. We will compare Philosophy and Kabbalah in light of their understanding of divine representation and in light of their respective Theology and conception of God.

RELI GU4311 Fanon: Religion, Race, Philosophy in Africa and beyond. 4 points.

This class will examine the work of Fanon through its sources, its context and its contemporary interpretations.

Fall 2019: RELI GU4311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4311	001/10355	M 10:10am - 12:00pm 201 80 Claremont	Mohamed Ait Amer Meziane	4	4/20

RELI GU4315 Sufis and the Qur'an. 4 points.

This course is a seminar for advanced undergraduates and graduate students who wish to gain an understanding of the complexity and richness of the Sufi exegetical tradition. the Qur'an has been the main source of of inspiration and contemplation for Sufis for centuries....

RELI GU4318 Interpreting Buddhist Yoga: Hermeneutics East West Quantum. 4 points.

A seminar exploring the meanings of Buddhist Tantra and being, time, space, gender, technology, and mysticism through traditional religious, modern, post-modern, digital, quantum, and Buddhist "hermeneutics," the science and art of interpretation. We will read ancient and modern classics on hermeneutics, by Schleiermacher, Gadamer, Heidegger, Barthes, and Ricoeur; Indian and Tibetan works on their systems of interpretation, at least as sophisticated as anything from Europe; and contemporary works on how digital technology brings us into a world of new meaning for everything, including Buddhist yoga.

RELI GU4322 Exploring the Sharia: Topics in Islamic Law. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The platform of every modern Islamist political party calls for the implementation of the sharia. This term is invariably (and incorrectly) interpreted as an unchanging legal code dating back to 7th century Arabia. In reality, Islamic law is an organic and constantly evolving human project aimed at ascertaining God's will in a given historical and cultural context. This course offers a detailed and nuanced look at the Islamic legal methodology and its evolution over the last 1400 years. The first part of the semester is dedicated to classical Islamic jurisprudence, concentrating on the manner in which jurists used the Qur'an, the Sunna (the model of the Prophet), and rationality to articulate a coherent legal system. The second part of the course focuses on those areas of the law that engender passionate debate and controversy in the contemporary world. Specifically, we examine the discourse surrounding Islamic family (medical ethics, marriage, divorce, women's rights) and criminal (capital punishment, apostasy, suicide/martyrdom) law. The course concludes by discussing the legal implications of Muslims living as minorities in non-Islamic countries and the effects of modernity on the foundations of Islamic jurisprudence.

RELI GU4325 Sufism. 4 points.

Prerequisites: Permission of instructor.

This is a seminar for advanced undergraduate and graduate students who wish to gain an understanding of the richness of Sufism (Islamic mysticism). We will examine the historical origins, development and institutionalization of Sufism, including long-standing debates over its place within the wider Islamic tradition. By way of a close reading of a wide range of primary and secondary sources, we will examine Sufi attitudes toward the body, Sufi understandings of lineage, power and religious authority, as well as the continued importance of Sufism in the modern world

Fall 2019: RELI GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4325	001/54127	T 2:10pm - 4:00pm 201 80 Claremont	Derek Mancini-Lander	4	3/15

RELI GU4326 Sufism in South Asia. 4 points.

Sufism has been described as the mystical side of Islam. This seminar for advanced undergraduates and graduate students will examine Sufism in South Asia as a spiritual, ethical and self-forming activity that has been profoundly affected by the historical, sociocultural, political, and everyday environments in which it is experienced and practiced.

RELI GU4355 The African American Prophetic Political Tradition from David Walker to Barack Obama. 4 points.

Through a wide range of readings and classroom discussions, this course will introduce students to the crucial role that the unique African-American appropriation of the Judeo-Christian prophetic biblical tradition has played -- and continues to play -- in the lives of black people in America.

Spring 2020: RELI GU4355

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4355	001/14392	W 12:10pm - 2:00pm 101 80 Claremont	Obery Hendricks	4	4/12

RELI GU4365 Revolutionary Women and Political Islam. 4 points.

Muslim female reformers and revolutionaries were at the forefront of many of the 20th and early 21st centuries' historic socio-political and religious movements across the Global South. Members of diverse classes, families, and ethnic communities, many worked within the tenets of Islam in multiple ways to construct religious identity and work towards achieving and demanding civil and political rights. Yet the myriad theoretical and popular discourses underpinning emergent and longstanding women's movements within revolutionary contexts are frequently overlooked. Moreover, representations of Muslim women too often rely on essentialist, ahistorical, static, victim-centered, and Orientalist descriptions and analyses. As a result, shades of difference in interpretation, ideology, practice, and culture are minimized. This course situates Muslim women as complex, multidimensional actors engaged in knowledge production and political and feminist struggles. We will read key texts and analyses from scholars and activists writing on religion, gender, sexuality, family planning, and women's status in the contemporary Global South. The following questions will emerge in our discussions: "When is a hejab just a hejab?," "Do Muslim Women Really Need Saving?," and "What is an 'Islamic Feminist' and Should We Care?" Readings include memoirs, editorials, ethnographies, and political treatises, as well as historical scholarship from North Africa, the Gulf, the Levant, and Southeast Asia.

RELI GU4411 Religion, Mind, and Science Fiction. 4 points.

While not yet fully recognized as a literary or philosophical genre, science fiction, through the “dislocation” it operates, raises (or amplifies) questions that have long been the preserve of religion, metaphysics, or philosophy, and it has brought some of these questions into the realm of popular culture. Science fiction is often perceived as hostile to religion, yet it often blurs the boundaries between science and religion. Recent SF, unlike the traditional “space opera,” revolves around the relations between the human mind and Artificial Intelligence — a challenge that our fast-evolving technoscientific society is confronting with a new sense of urgency. This course examines overlapping issues and questions shared by religion and SF.

Fall 2019: RELI GU4411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4411	001/54096	M 2:10pm - 4:00pm 201 80 Claremont	Bernard Faure	4	17/25

RELI GU4416 Empire and Secularization in Africa: Reform, Mission, Islam. 4 points.

This course examines how Empires paved the way to a new form of domination in Africa. Secularizing processes will be analyzed in relation to imperial histories in Africa. From the Expedition in Egypt to the Berlin Conference, Empires in Africa were both secular and religious. We will examine the multiple ways in which Empires colonized Africa by encountering, regulating or transforming African religious traditions. The class will compare historical geographies of “North Western” and “North Eastern” Africa by focusing on the Maghreb and West Africa but also on Egypt and Sudan. We will examine the relations of Empires with Islam and Christian missions in Africa. We will also examine how African uprisings challenge and challenged Imperial and State powers both before and during the Panafrican movement. We will eventually look at both Imperial and Anti-Imperial legacies in Africa today.

RELI GU4418 On African Theory: Religion, Philosophy, Anthropology. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What is African Theory? Is a theory African simply because it is rooted in the political present of the continent? Is it African because it corresponds to an African cultural singularity or simply because its authors and inventors come from or live in Africa? This class will examine some central aspects of both African and Africana philosophy. We will study a) how religious traditions shape African theory b) how the influence of colonial anthropology on concepts of African culture and tradition can be challenged c) how African theory relates to African politics of decolonization, in North and “sub-Saharan” Africa. The major dialectical problem we will examine during the class is the ongoing contradiction between claims of authenticity and demands of liberation, traditionalism and modernism, religion and secularism, culturalism and Marxism.

RELI GU4509 Crime and Punishment in Jewish Culture. 4 points.

Explores ethical, cultural, and political dimensions of Jewish criminal punishment from the Bible through modernity, with focus on death penalty and running reference to Foucault's Discipline and Punish. Topics include: interaction between law and narrative; Jewish power to punish; Sanhedrin trial of Jesus; ritualization of execution; prison; torture; martyrdom.

RELI GU4513 Buddhism and Neuroscience. 4 points.

With the Dalai Lama's marked interest in recent advances in neuroscience, the question of the compatibility between Buddhist psychology and neuroscience has been raised in a number of conferences and studies. This course will examine the state of the question, look at claims made on both sides, and discuss whether or not there is a convergence between Buddhist discourse about the mind and scientific discourse about the brain.

RELI GU4514 Defining Marriage. 4 points.

This seminar examines the changing purpose and meaning of marriage in the history of the United States from European colonization through contemporary debates over gay marriage. Topics include religious views of marriage, interracial marriage, and the political uses of the institution.

Fall 2019: RELI GU4514

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4514	001/09448	T 4:10pm - 6:00pm 501 Diana Center	Gale Kenny	4	12/35

RELI GU4515 Reincarnation and Technology. 4 points.

A seminar exploring reincarnation, resurrection, and their contemporary cyber-relatives, uploading and simulation.

We'll explore Abrahamic, Amerind, Chinese, Greek, and Indian accounts, the Tibetan Buddhist reincarnation tradition and methodology in detail, and contemporary research on reincarnation, near-death, and out-of-body experiences. We will then turn to contemporary developments in science, religion, and philosophy concerning uploading consciousness to computer media and the probability that we are living a simulation. We will investigate whether religious traditions are consistent with or expressive of simulated reality, and the application of karma to all of the above.

Fall 2019: RELI GU4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4515	001/54097	Th 4:10pm - 6:00pm 303 Hamilton Hall	David Kitty	4	31/42

RELI GU4516 The Politics of Freud in the Postcolony. 4 points.

This seminar examines the legacies of psychoanalysis through a critical exploration of how its concepts, practices and institutes have operated in colonial and postcolonial contexts. Weekly discussions will look at how practicing therapists, activists, anthropologists and others have extended, subverted and displaced psychoanalytic thought within non-European histories and imaginaries. Topics include challenges to the universality of

the Oedipus emerging from early 20th century anthropologist's studies of kinship in Papua New Guinea, legacies of a self-made South Asian psychoanalyst's challenges to Freudian orthodoxies, and the study of a psychoanalysis of racism forged out of a Martinican psychiatrist's encounters with colonial neuroses in Algeria. We will also explore how psychoanalytic concepts have been deployed in debates about repression and sexuality in daily life during the Cultural Revolution and the psychic legacies of Maoism in contemporary China. In addition to reading the work of Freud and his critics, we will encounter primary materials—religious texts, movies, novels—that have been subjected to psychoanalytically-inflected interpretations. While attending to the cultural, racial and political assumptions suffusing psychoanalysis, our seminar will also show how variously situated authors have given this tradition new applications and meanings.

RELI GU4524 Theories of the Unconscious and Jewish Thought. 4 points.

This survey aims to reflect on the specific dialogue between faith and theories of the mind. After an overview of pre-Freudian notions of the unconscious, the course will examine Freud's 1896 *Theory of the unconscious mind* and the key analytical concepts which display similarities between psychoanalysis and Jewish thought, from Talmudic hermeneutics to Kabbalah studies. We will explore the unconscious through readings from Leibnitz, Schelling, Goethe, von Hartmann, Freud, Jung, as well as its preludes and echoes in the Talmud and in the writings of Azriel of Gerona, the Magid of Mezrich, Krochmal, Leiner, Lou Andreas Salomé, Scholem, Idel, Wolfson.

Fall 2019: RELI GU4524

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4524	001/54101	T 2:10pm - 4:00pm 101 80 Claremont	Clemence Boulouque	4	11/25

RELI GU4525 Religion, Gender, and Violence. 4 points.

Investigates relations among religion, gender, and violence in the world today. Focuses on specific traditions with emphasis on historical change, variation, and differences in geopolitical location within each tradition, as well as among them at given historical moments.

Spring 2020: RELI GU4525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4525	001/00648	T 4:10pm - 5:25pm Room TBA	Janet Jakobsen	4	24/25

RELI GU4526 Food and Sex in Premodern Chinese Buddhism. 4 points.

This course is an upper-level seminar on appetite and its management, designed for advanced undergraduates and graduate students. Our focus will be on the appetites of food hunger and sexual desire, and how Chinese Buddhist teachings propose to manage these. Food and sex are separate domains of experience, but as the primary objects of bodily appetites, they are analogous. Eating and sex both involve a direct and substantive interaction with the material world that is driven by powerful desires. In

Buddhist teachings, these desires are said to bind us to the cycle of rebirth (*saṃsāra*) and to shape the actions (karma), both mental and corporeal, that constitute our moral engagement with the phenomenal world. Hence it is important to know how a Buddhist on the path out of suffering is to manage these activities. What do monastic codes stipulate? What disciplines did lay Buddhists undertake? How are transgressions identified and handled? How do ancient Chinese and Daoist ideas inform the development of Chinese Buddhist attitudes toward sex and diet? How did Chinese Buddhist monastics come to adopt a meatless diet? How do religions use food and sex as tools for determining one's ritual purity (i.e., moral worth)? We will explore these and related topics. Despite the common perception of Buddhism as a world-denying religion focused on transcending bodily needs, Chinese Buddhists (and their Indian or Central Asian counterparts) engaged in numerous body practices with worldly benefit, while at the same time mitigating the dangers of desire through various doctrinal and practical means. This course is an exploration of those means.

RELI GU4535 Buddhist Contemplative Sciences. 4 points.

This course will explore key Buddhist contemplative sciences, including: stabilizing meditation; analytic insight meditation; the four immeasurables; form and formless trances; mind training; and the subtle body-mind states activated and transformed through advanced Tantric yoga techniques. These will be explored both within their traditional interdisciplinary frameworks, as well as in dialog with related contemporary arts and sciences.

Fall 2019: RELI GU4535

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4535	001/54104	Th 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	12/24

RELI GU4562 Wittgenstein and Religion. 4 points.

Ludwig Wittgenstein is one of the most important philosophers of the twentieth century, and probably one of the most widely read by non-philosophers. His influence on a number of intellectual disciplines (philosophy, politics, theology, social science, history, etc.) has been considerable. This course will focus on Wittgenstein's own writings and their reception, with a focus on the study of religion and anthropology.

RELI GU4611 The Lotus Sutra in East Asian Buddhism. 4 points.

Prerequisites: open to students who have taken one previous course in either Buddhism, Chinese religions, or a history course on China or East Asian.

The course examines some central Mahayana Buddhist beliefs and practices through an in-depth study of the Lotus sutra. Schools (Tiantai/Tendai, Nichiren) and cultic practices such as sutra-chanting, meditation, confessional rites, and Guanyin worship based on the scripture. East Asian art and literature inspired by it.

RELI GU4613 Silence. 4 points.

We live in a world of noise where incessant buzz and endless chatter are used as strategies of distraction deployed for political and economic purposes. Increasingly invasive technologies leave

little time for quiet reflection and thoughtful deliberation. As the volume rises, silence becomes either a tactic for repression or a means of resistance.

This course will consider the question of silence from the perspectives of theology, philosophy, literature, politics, and art. Special attention will be paid to the role silence plays in different religious traditions. An effort will be made to create a dialogue among philosophical, theological literary, artistic, and film treatments of silence.

Questions to be considered include: How does the importance of silence change with time and place? What are the theological and metaphysical presuppositions of different interpretations of silence? What is the relation of changing technologies to the cultivation of, or resistance to silence? What are the psychological dimensions of different kinds of silence? What is the pedagogical value of silence? How can silence be expressed in music, the visual arts, and architecture? How does the importance of silence change in different social, political, and economic circumstances? Do we need more or less silence today?

Fall 2019: RELI GU4613

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4613	001/54112	W 10:10am - 12:00pm 101 80 Claremont	Mark Taylor	4	12/20

RELI GU4615 Media and Religion. 4 points.

Typewriters, trains, electricity, telephones, telegraph, stock tickers, plate glass, shop windows, radio, television, computers, Internet, World Wide Web, cell phones, tablets, search engines, big data, social networks, GPS, virtual reality, Google glass. The technologies turn back on their creators to transform them into their own image. This course will consider the relationship between mechanical, electronic, and digital technologies and different forms of twentieth-century capitalism. The regimes of industrial, consumer, and financial shape the conditions of cultural production and reproduction in different ways. The exploration of different theoretical perspectives will provide alternative interpretations of the interplay of media, technology, and religion that make it possible to chart the trajectory from modernity to postmodernity and beyond.

RELI GU4616 Technology, Religion, Future. 4 points.

This seminar will examine the history of the impact of technology and media on religion and vice versa before bringing into focus the main event: religion today and in the future. We'll read the classics as well as review current writing, video and other media, bringing thinkers such as Eliade, McLuhan, Mumford and Weber into dialogue with the current writing of Kurzweil, Lanier and Taylor, and look at, among other things: ethics in a Virtual World; the relationship between Burning Man, a potential new religion, and technology; the relevance of God and The Rapture in Kurzweil's Singularity; and what will become of karma when carbon-based persons merge with silicon-based entities and other advanced technologies.

Spring 2020: RELI GU4616

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4616	001/14393	Th 4:10pm - 6:00pm Room TBA	David Kittay	4	47/42

RELI GU4617 Image Theories in Chinese Religions. 4 points.

What does "image" mean in Chinese intellectual traditions? How did proponents of different religious persuasions construe the relationship between images and their referents differently and how did such construal change over time? Why did the practice of fashioning images often give rise to controversies in Chinese history? What makes images the object of adoration as well as destruction? Throughout the course, we will tackle these questions from diverse perspectives. The first half of the course examines a variety of accounts from Chinese indigenous classics and treatises. The second half looks at how discourses of the image further diversified after the arrival of Buddhism in China.

Fall 2019: RELI GU4617

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4617	001/54122	M 12:10pm - 2:00pm 101 80 Claremont	Kwi Lee	4	4/15

RELI GU4626 Reading (In Theory). 4 points.

This reading-intensive course will engage, over time with essential texts of the current critical canon. Offered over a series of semesters, it is aimed at developing a practice of reading: close or distant, and always attentive. Let us say: slow reading. What does it mean to read? Where and when does reading start? Where does it founder? What does reading this author (Freud, for example) or that author (say, Foucault) do to the practice of reading? Can we read without misreading? Can we read for content or information without missing the essential? Is there such a thing as essential reading? Favoring a demanding and strenuous exposure to the text at hand, this course promises just that: a demanding and strenuous exposure to reading. **The course can be repeated for credit.**

RELI GU4630 Indo-Tibetan Buddhist Philosophy. 4 points.

Examination of topics in the religious philosophy of Tibet.

Spring 2020: RELI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4630	001/14395	Th 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	12/25

RELI GU4637 Talmudic Narrative. 4 points.

This course examines the rich world of Talmudic narrative and the way it mediates between conflicting perspectives on a range of topics: life and death; love and sexuality; beauty and superficiality; politics and legal theory; religion and society; community and non-conformity; decision-making and the nature of certainty.

While we examine each text closely, we will consider different scholars' answers – and our own answers – to the questions, how are we to view Talmudic narrative generally, both as literature and as cultural artifact?

RELI GU4807 Divine Human Animal. 4 points.

This course focuses on "thinking with" animals (Levi-Strauss) through the lens of the religious imagination. The concentration will be primarily on "Western" religious cultures, especially Judaism and the question of Jewishness.

Fall 2019: RELI GU4807

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4807	001/09449	T 10:10am - 12:00pm 227 Milbank Hall	Beth Berkowitz	4	10/30

RELI GU4998 Religion and the Indian Wars. 4 points.

The frontier is central to the United States' conception of its history and place in the world. It is an abstract concept that reflects the American mythology of progress and is rooted in religious ideas about land, labor, and ownership. Throughout the nineteenth century, these ideas became more than just abstractions. They were tested, hardened, and revised by U.S. officials and the soldiers they commanded on American battlefields. This violence took the form of the Civil War as well as the series of U.S. military encounters with Native Americans known as the Indian Wars. These separate yet overlapping campaigns have had profound and lasting consequences for the North American landscape and its peoples.

This course explores the relationship between religious ideology and violence in the last half of nineteenth century. Organized chronologically and geographically, we will engage with both primary sources and classic works in the historiography of the Indian Wars to examine how religion shaped U.S. policy and race relations from the start of the Civil War through approximately 1910.

Fall 2019: RELI GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4998	001/09451	Th 2:10pm - 4:00pm 308 Diana Center	Tiffany Hale	4	6/15

SLAVIC LANGUAGES

Departmental Office: 708 Hamilton; 212-854-3941
<http://www.columbia.edu/cu/slavic/>

Director of Undergraduate Studies:

Prof. Cathy Popkin, 706 Hamilton Hall; 212-854-3941;
 cp18@columbia.edu

Russian Language Program Director:

Prof. Alla Smyslova, 708 Hamilton; 212-854-8155;
 as2157@columbia.edu

The Department of Slavic Languages and Literatures is devoted to the study of the cultures, literatures, and languages of Russia and other Slavic peoples and lands. We approach our study and teaching of these cultures with an eye to their specificity and attention to their interaction with other cultures, in history and in

the contemporary global context. We focus not only on the rich literary tradition, but also on the film, theater, politics, art, music, media, religious thought, critical theory, and intellectual history of Russians and other Slavs. Our approach is interdisciplinary.

Students who take our courses have different interests. Many of our courses are taught in English with readings in English and have no prerequisites. As a consequence, our majors and concentrators are joined by students from other literature departments, by students of history and political science who have a particular interest in the Slavic region, and by others who are drawn to the subject matter for a variety of intellectual and practical reasons.

We provide instruction in Russian at all levels (beginning through very advanced), with a special course for heritage speakers. To improve the proficiency of Russian learners and speakers, we offer a number of literature and culture courses in which texts are read in the original and discussion is conducted in Russian. We offer three levels of other Slavic languages: Bosnian-Croatian-Serbian, Czech, Polish, and Ukrainian (with additional courses in culture in English). All language courses in the Slavic Department develop the four basic language skills (speaking, listening, reading, and writing) and cultural understanding.

Our department prides itself on the intellectual vitality of its program and on the sense of community among students and faculty. As they explore Russian and Slavic languages, literatures, and cultures, students develop not only their specific knowledge and cultural understanding, but also the capacity for critical thought, skills in analyzing literary and other texts, and the ability to express their ideas orally and in writing. Our graduates have used their knowledge and skills in different ways: graduate school, Fulbright and other fellowships, journalism, publishing, law school, NGO work, public health, government work, and politics. Our faculty is proud of its students and graduates.

MAJORS AND CONCENTRATIONS

Guided by the director of undergraduate studies and other faculty members, students majoring in Slavic create a program that suits their intellectual interests and academic goals. They choose from three tracks: Russian Language and Culture (for those with a strong interest in mastering the language), Russian Literature and Culture (for those who want to focus on literary and cultural studies), and Slavic Studies (a flexible regional studies major for those interested in one or more Slavic cultures). In each major, students may count related courses in other departments among their electives.

In addition to its majors, the department offers five concentrations. Three are analogous to the major tracks (Russian Language and Culture, Russian Literature and Culture, and Slavic Studies). There is also a concentration in Russian Literature that does not require language study and another concentration in Slavic Cultures that allows students to focus on a Slavic language and culture other than Russian.

Motivated seniors are encouraged but not required to write a senior thesis. Those who write a thesis enroll in the Senior Seminar in the fall term and work individually with a thesis adviser. Students have written on a wide range of topics in literature, culture, media, and politics.

SLAVIC CULTURE AT COLUMBIA OUTSIDE OF THE CLASSROOM

All interested students are welcome to take part in departmental activities, such as conversation hours, Slavic student organizations, the department's various film series (Russian, East Central European, Central Asian, and Ukrainian), and the country's first undergraduate journal of Eastern European and Eurasian Culture, *The Birch*. The Slavic Department has close ties to the Harriman Institute and the East Central European Center, which sponsor lectures, symposia, performances, and conferences.

STUDY AND RESEARCH ABROAD

The department encourages its students to enrich their cultural knowledge and develop their language skills by spending a semester or summer studying in Russia, the Czech Republic, Poland, Ukraine, or the countries of the former Yugoslavia. The department helps students find the program that suits their needs and interests. Undergraduates may apply to the Harriman Institute for modest scholarships for research during winter/spring breaks or the summer.

ADVANCED/NEWL PLACEMENT

A score of 5 on the AP/NEWL Russian exam satisfies the foreign language requirement. Upon successful completion of a 3-point 3000 level (or higher) course at Columbia, the Department of Slavic Languages will award 3 points of AP credit, provided the grade in the course is a B or better. Courses taught in English may not be used to earn AP credit. No credit or placement is given for the SAT II Subject test. If you wish to continue with Russian at Columbia, you should take the departmental placement test and speak with the Russian program director prior to registration to ensure proper placement.

PROFESSORS

Valentina Izmirlieva
Liza Knapp
Mark Lipovetsky (Leiderman)
Cathy Popkin
Irina Reyfman (Chair)

ASSISTANT PROFESSORS

Adam Leeds
Jessica Merrill

VISITING ASSISTANT PROFESSORS

Holly Myers (Barnard)

SENIOR LECTURERS

Alla Smyslova

LECTURERS

Aleksandar Boskovic
Christopher Caes
Christopher Harwood
Nataliya Kun
Yuri Shevchuk

ON LEAVE

Valentina Izmirlieva (Fall 2019, Spring 2020)
Jessica Merrill (Fall 2019, Spring 2020)
Aleksandar Boskovic (Fall 2019, Spring 2020)

GUIDELINES FOR ALL SLAVIC MAJORS AND CONCENTRATORS

Senior Thesis

A senior thesis is not required for any Slavic major. Students who wish to undertake a thesis project should confer with the director of undergraduate studies during the registration period in April of their junior year and register to take RUSS UN3595 Senior Seminar in the fall term of their senior year. Students can opt to expand the thesis into a two-semester project register for RUSS UN3998 Supervised Individual Research, with their thesis adviser, in the spring term of their senior year. *Senior Seminar* may satisfy one elective requirement; the optional second semester of thesis work adds one course to the 15 required for the major.

Grading

Courses in which a grade of D has been received do not count toward major or concentration requirements.

MAJOR IN RUSSIAN LANGUAGE AND CULTURE

This major is intended for students who aim to attain maximal proficiency in the Russian language. Intensive language training is complemented by an array of elective courses in Russian culture that allow students to achieve critical understanding of contemporary Russian society and of Russian-speaking communities around the world. Since this major emphasizes language acquisition, it is not appropriate for native Russian speakers.

The program of study consists of 15 courses, distributed as follows:

Eight semesters of coursework in Russian language (from first-through fourth-year Russian) or the equivalent

Select two of the following surveys; at least one of these should be a Russian literature survey (RUSS UN3220 or RUSS UN3221):

RUSS UN3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS UN3221	Literature & Revolution [In English]
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
SLCL UN3001	Slavic Cultures
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	Russian Literature and Culture in the New Millennium

Five additional courses in Russian culture, history, literature, art, film, music, or in linguistics, chosen in consultation with the director of undergraduate studies. At least one of the selected courses should be taught in Russian

MAJOR IN RUSSIAN LITERATURE AND CULTURE

The goal of this major is to make students conversant with a variety of Russian literary, historical and theoretical texts in the original, and to facilitate a critical understanding of Russian literature, culture, and society. It is addressed to students who would like to complement serious literary studies with intensive language training, and is especially suitable for those who intend to pursue an academic career in the Slavic field.

The program of study consists of 15 courses, distributed as follows:

Six semesters of coursework in Russian language (from first-through third-year Russian) or the equivalent.

Select three of the following surveys; two of which must be in Russian literature (RUSS UN3220 and RUSS UN3221)

RUSS UN3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS UN3221	Literature & Revolution [In English]
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
SLCL UN3001	Slavic Cultures
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	Russian Literature and Culture in the New Millennium

Six additional courses in Russian literature, culture, history, film, art, music, or in advanced Russian language, chosen in consultation with the director of undergraduate studies. At least one course should be taught in Russian

Students considering graduate study in Russian literature are strongly advised to complete four years of language training.

MAJOR IN SLAVIC STUDIES

This flexible major provides opportunities for interdisciplinary studies within the Slavic field. Students are encouraged to choose one target language (Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian), though there are possibilities for studying a second Slavic language as well. Generally, the major has one disciplinary focus in history, political science, economics, religion, anthropology, sociology, art, film, or music. In addition, this program allows students to focus on a particular Slavic (non-Russian) literature and culture or to do comparative studies of several Slavic literatures, including Russian. Students should plan their program with the director of undergraduate studies as early as possible, since course availability varies from year to year.

The program of study consists of 15 courses, distributed as follows:

Six semesters of coursework in one Slavic language (from first-through third-year Russian, Bosnian-Croatian-Serbian, Czech, Polish, or Ukrainian) or the equivalent.

Two relevant courses in Russian, East/Central European or Eurasian history.

Two relevant literature or culture courses in Slavic, preferably related to the target language.

Five additional courses with Slavic content in history, political science, economics, literature, religion, anthropology, sociology, art, film, or music, chosen in consultation with the director of undergraduate studies. Two of these electives may be language courses for students who opt to include a second Slavic language in their program.

Altogether students should complete four courses in a single discipline, including, if appropriate, the required history or literature/culture courses.

CONCENTRATION IN RUSSIAN LANGUAGE AND CULTURE

This program is intended for students who aim to attain proficiency in the Russian language. Intensive language training is complemented by an array of elective courses in Russian culture that allow students to achieve critical understanding of contemporary Russian society and of Russian-speaking communities around the world. Since this concentration emphasizes language acquisition, it is not appropriate for native Russian speakers.

The program of study consists of 10 courses, distributed as follows:

Six semesters of coursework in Russian language (from first-through third-year Russian) or the equivalent.

Select one of the following surveys:

SLCL UN3001	Slavic Cultures
RUSS UN3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS UN3221	Literature & Revolution [In English]
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism

Three additional courses in Russian culture, history, literature, art, film, music, or in linguistics, chosen in consultation with the director of undergraduate studies; at least one of the selected courses should be taught in Russian.

RUSS GU4107	Russian Literature and Culture in the New Millennium
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CONCENTRATION IN SLAVIC (NON-RUSSIAN) LANGUAGE AND CULTURE

This program is intended for students who aim to attain proficiency in a Slavic language other than Russian. Intensive language training is complemented by an array of elective courses in Slavic cultures that allow students to achieve critical understanding of the communities that are shaped by the Slavic language of their choice. Since this concentration emphasizes language acquisition, it is not appropriate for native speakers of the target language.

The program of study consists of 10 courses, distributed as follows:

Six semesters of coursework in one Slavic language (from first-through third-year Bosnian-Croatian-Serbian, Czech, Polish, or Ukrainian) or the equivalent.

Four additional courses in Slavic literature, culture or history, or in linguistics, chosen in consultation with the director of undergraduate studies; at least two should be directly related to the target language of study.

CONCENTRATION IN RUSSIAN LITERATURE AND CULTURE

The goal of this concentration is to make students conversant with a variety of Russian literary texts and cultural artifacts that facilitate a critical understanding of Russian culture. It is addressed to students who would like to combine language training with study of the Russian literary tradition.

The program of study consists of 10 courses, distributed as follows:

Four semesters of coursework in Russian language (first- and second-year Russian) or the equivalent.

Select two of the following surveys; one of which must be a literature survey (RUSS UN3220 or RUSS UN3221)

RUSS UN3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS UN3221	Literature & Revolution [In English]
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
SLCL UN3001	Slavic Cultures
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	Russian Literature and Culture in the New Millennium

Four additional courses in Russian literature, culture, and history, chosen in consultation with the director of undergraduate studies.

CONCENTRATION IN SLAVIC STUDIES

This flexible concentration provides opportunities for interdisciplinary studies within the Slavic field. Students are encouraged to choose one target language (Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian), and one disciplinary focus in history, political science, economics, religion, anthropology, sociology, art, film, or music. In addition, this program allows students to focus on a particular Slavic (non-Russian) literature and culture, or to do comparative studies of several Slavic literatures, including Russian.

The program of study consists of 10 courses, distributed as follows:

Four semesters of coursework in one Slavic language (first- and second-year Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian) or the equivalent.

One relevant courses in Russian, East/Central European or Eurasian history.

One relevant literature or culture course in Slavic, preferably related to the target language.

Four additional courses with Slavic content in history, political science, economics, literature, religion, anthropology, sociology, art, film, or music, chosen in consultation with the director of undergraduate studies

Altogether students should complete three courses in a single discipline, including, if appropriate, the required history or literature/culture courses.

CONCENTRATION IN RUSSIAN LITERATURE

This concentration is addressed to serious literature students who would like to pursue Russian literature but have no training in Russian. It allows students to explore the Russian literary tradition, while perfecting their critical skills and their techniques of close reading in a variety of challenging courses in translation.

The program of study consists of 8 courses, with no language requirements, distributed as follows:

Select two of the following Russian literature surveys (in translation):

RUSS UN3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS UN3221	Literature & Revolution [In English]

Six additional courses, focused primarily on Russian literature, culture, and history, though courses in other Slavic literatures are also acceptable if approved by the director of undergraduate studies.

Relevant literature courses from other departments may count toward the concentration only if approved by the director of undergraduate studies.

BOSNIAN/CROATIAN/SERBIAN LANGUAGE AND LITERATURE

BCRS UN1101 Elementary Bosnian/Croatian/Serbian I. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Fall 2019: BCRS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1101	001/53908	M W F 10:10am - 11:25am 352c International Affairs Bldg	Predrag Obucina	4	15/12

BCRS UN1102 Elementary Bosnian/Croatian/Serbian II. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Spring 2020: BCRS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1102	001/11857	M W F 10:10am - 11:25am Room TBA	Predrag Obucina	4	5/12

BCRS UN2101 Intermediate Bosnian/Croatian/Serbian I. 3 points.

Prerequisites: BCRS UN1102 or the equivalent.
Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students.

Fall 2019: BCRS UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2101	001/53909	M W F 11:40am - 12:55pm 405 Kent Hall	Predrag Obucina	3	2/12

BCRS UN2102 Intermediate Bosnian/Croatian/Serbian II. 3 points.

Prerequisites: BCRS UN1102 or the equivalent.
Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students.
This course number has been changed to BCRS 2102

Spring 2020: BCRS UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2102	001/11866	M W F 11:40am - 12:55pm Room TBA	Predrag Obucina	3	4/12

BCRS GU4002 (Dis)integration in Frames: Race, Ethnicity and gender Issues in Yugoslav and Post Yugoslav Cinemas. 3 points.

This course investigates the complex relationship between aesthetics and ideology in Yugoslav and post-Yugoslav cinema. Specifically, it examines the variety of ways in which race, ethnicity, gender inequality, and national identity are approached, constructed, promoted, or contested and critically dissected in film texts from the Socialist Federative Republic of Yugoslavia (SFRY) and its successor states (Bosnia, Croatia, Serbia, FYR Macedonia). The course has four thematic units and is organized chronologically.

BCRS GU4331 Advanced Bosnian/Croatian/Serbian I. 3 points.

Prerequisites: BCRS UN2102
Further develops skills in speaking, reading, and writing, using essays, short stories, films, and fragments of larger works. Reinforces basic grammar and introduces more complete structures.

Fall 2019: BCRS GU4331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4331	001/53910	M W 1:10pm - 2:25pm 718 Hamilton Hall	Predrag Obucina	3	3/12

BCRS GU4332 Advanced Bosnian/Croatian/Serbian II. 3 points.

Prerequisites: BCRS UN2102
Further develops skills in speaking, reading, and writing, using essays, short stories, films, and fragments of larger works. Reinforces basic grammar and introduces more complete structures.

Spring 2020: BCRS GU4332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BCRS 4332 001/11871 M W F 1:10pm - Predrag 3 2/12
2:25pm Obucina
Room TBA

COMPARATIVE LITERATURE - CZECH

CLCZ GU4020 Czech Culture Before Czechoslovakia. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: sophomore standing or the instructor's permission. An interpretive cultural history of the Czechs from earliest times to the founding of the first Czechoslovak republic in 1918. Emphasis on the origins, decline, and resurgence of Czech national identity as reflected in the visual arts, architecture, music, historiography, and especially the literature of the Czechs.

CLCZ GU4030 Postwar Czech Literature [in English]. 3 points.

A survey of postwar Czech fiction and drama. Knowledge of Czech not necessary. Parallel reading lists available in translation and in the original.

CLCZ GU4035 The Writers of Prague. 3 points.

A survey of the Czech, German, and German-Jewish literary cultures of Prague from 1910 to 1920. Special attention to Hašek, ĀEapek, Kafka, Werfel, and Rilke. Parallel reading lists available in English and in the original.

Fall 2019: CLCZ GU4035

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4035	001/53914	T Th 2:40pm - 3:55pm 707 Hamilton Hall	Christopher Harwood	3	4/15

CLCZ GU4038 Prague Spring of '68 in Film and Literature [In English]. 3 points.

The course explores the unique period in Czech film and literature during the 1960s that emerged as a reaction to the imposed socialist realism. The new generation of writers (Kundera, Skvorecky, Havel, Hrabal) in turn had an influence on young emerging film makers, all of whom were part of the Czech new wave.

Spring 2020: CLCZ GU4038

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4038	001/11882	T Th 2:40pm - 3:55pm 709 Hamilton Hall	Christopher Harwood	3	12/15

COMPARATIVE LITERATURE - POLISH

CLPL GU4042 Bestsellers of Polish Literature. 3 points.

Not offered during 2019-20 academic year.

A study of the 20th-century Polish novel during its most invigorated, innovative inter-war period. A close study of the major works of Kuncewiczowa, Choromanski, Wittlin, Unilowski,

Kurek, Iwaszkiewicz, Gombrowicz, and Schulz. The development of the Polish novel will be examined against the background of new trends in European literature, with emphasis on the usage of various narrative devices. Reading knowledge of Polish desirable but not required. Parallel reading lists are available in the original and in translation.

CLPL GU4040 Mickiewicz. 3 points.

Not offered during 2019-20 academic year.

The Polish literary scene that in this particular period stretched from Moscow, Petersburg, and Odessa, to Vilna, Paris, Rome. The concept of exile, so central to Polish literature of the 19th-century and world literature of the 20th will be introduced and discussed. The course will offer the opportunity to see the new Romantic trend initially evolving from classicism, which it vigorously opposed and conquered. We will examine how the particular literary form - sonnet, ballad, epic poem and the romantic drama developed on the turf of the Polish language. Also we will see how such significant themes as madness, Romantic suicide, Romantic irony, and elements of Islam and Judaism manifested themselves in the masterpieces of Polish poetry. The perception of Polish Romanticism in other, especially Slavic, literatures will be discussed and a comparative approach encouraged. Most of the texts to be discussed were translated into the major European languages. Mickiewicz was enthusiastically translated into Russian by the major Russian poets of all times; students of Russian may read his works in its entirety in that language. The class will engage in a thorough analysis of the indicated texts; the students' contribution to the course based on general knowledge of the period, of genres, and/or other related phenomena is expected.

CLPL GU4300 The Polish Novel After 1989. 3 points.

Not offered during 2019-20 academic year.

This seminar is designed to offer an overview of Post-1989 Polish prose. The literary output of what is now called post-dependent literature demonstrates how political transformations influenced social and intellectual movements and transformed the narrative genre itself. The aesthetic and formal developments in Polish prose will be explored as a manifestation of a complex phenomenon bringing the reassessment of national myths, and cultural aspirations. Works by Dorota Maslowska, Andrzej Stasiuk, Pawel Huelle, Olga Tokarczuk, Magdalena Tulli and others will be read and discussed. Knowledge of Polish not required.

CLPL GU4301 Survey of Polish Literature and Culture. 3 points.

This course introduces and explores key works, traditions, and tendencies in Polish literature and culture from the Middle Ages to the present. Focusing in particular on the monuments of Polish literature, the course embeds them in historical context and places them in dialog with important ideas and trends in both Polish and European culture of their time. The aim is to engender and establish an understanding of Poland's position on the literary and cultural map of Europe. In addition to literature, works of history, political science, film, and the performing arts will be

drawn on for course lecture and discussion. No prerequisites. Readings in English.

COMPARATIVE LITERATURE – SLAVIC

CLSL UN3304 How To Read Violence: The Literature of Power, Force and Brutality from 20th Century Russia and America. 3 points.

This course seeks to understand how authors and filmmakers in the 20th century communicate the experience of violence to their audiences. We will discuss how fragmentation, montage, language breakdown and other techniques not only depict violence, but reflect that violence in artistic forms. We will also ask what representing violence does to the artistic work. Can the attempt to convey violence become an act of violence in itself? We will consider texts from Vladimir Mayakovsky, John Dos Passos, Andrei Platonov, Vasilii Grossman, Allen Ginsberg, Anna Akhmatova, Richard Wright, Cormac McCarthy, Vladimir Sorokin, as well as films from Sergei Eisenstein, Alexei Balabanov and Quentin Tarantino. Full course description and syllabus available at readingviolence.weebly.com (<http://readingviolence.weebly.com>).

CLSL GU4003 Central European Drama in the Twentieth Century. 3 points.

Focus will be on the often deceptive modernity of modern Central and East European theater and its reflection of the forces that shaped modern European society. It will be argued that the abstract, experimental drama of the twentieth-century avant-garde tradition seems less vital at the century's end than the mixed forms of Central and East European dramatists.

CLSL GU4004 Introduction to Twentieth-Century Central European Fiction. 3 points.

This course introduces students to works of literature that offer a unique perspective on the tempestuous twentieth century, if only because these works for the most part were written in "minor" languages (Czech, Polish, Hungarian, Serbian), in countries long considered part of the European backwaters, whose people were not makers but victims of history. Yet the authors of many of these works are today ranked among the masters of modern literature. Often hailing from highly stratified, conservative societies, many Eastern and Central European writers became daring literary innovators and experimenters. To the present day, writers from this "other" Europe try to escape history, official cultures, politics, and end up redefining them for their readers. We will be dealing with a disparate body of literature, varied both in form and content. But we will try to pinpoint subtle similarities, in tone and sensibility, and focus, too, on the more apparent preoccupation with certain themes that may be called characteristically Central European.

CLSL GU4008 Slavic Avant-Garde Surfaces. 3 points. **Not offered during 2019-20 academic year.**

This lecture course will provide a punctual survey of the major trends and figures in the interwar visual culture and avant-garde poetry of the Soviet Russia and East Central Europe (Poland, Czechoslovakia, Hungary, and Yugoslavia), including the opulent

field of their intersection. Topics include various interfaces of visual culture and graphic arts, such as public spaces, walls, propaganda trains, windows, postcards, posters, books, and screens. The course will address the innovative use of typography and photography, typophoto and photomontage, as well as the short written and hybrid genres such as manifesto, cinempoetry, photo essay, and photo frescoes. We will discuss poets and artists such as Mayakovsky, Lissitsky, Rodchenko, Klutis, Vertov, Teige, Nezval, Sutnar, Štirsky, Szczuka, Stern, Themersons, Kassák, Kertész, Moholy-Nagy, Goll, MiciĀ, VuĀo, MatiĀ. Each session will include a lecture followed by discussion.

CLSL GU4075 Soviet and Post-Soviet, Colonial and Post Colonial Film. 3 points.

The course will discuss how filmmaking has been used as an instrument of power and imperial domination in the Soviet Union as well as on post-Soviet space since 1991. A body of selected films by Soviet and post-Soviet directors which exemplify the function of filmmaking as a tool of appropriation of the colonized, their cultural and political subordination by the Soviet center will be examined in terms of postcolonial theories. The course will focus both on Russian cinema and often overlooked work of Ukrainian, Georgian, Belarusian, Armenian, etc. national film schools and how they participated in the communist project of fostering a «new historic community of the Soviet people» as well as resisted it by generating, in hidden and, since 1991, overt and increasingly assertive ways their own counter-narratives. Close attention will be paid to the new Russian film as it re-invents itself within the post-Soviet imperial momentum projected on the former Soviet colonies.

Fall 2019: CLSL GU4075

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4075	001/53913	T 6:10pm - 10:00pm 467 Ext Schermerhorn Hall	Yuri Shevchuk	3	12/40

CLSS GU4101 Balkan as a Metaphor. 3 points.

This seminar for graduate and advanced undergraduate students has two main objectives. First, it is to critically assess competing and conflicting conceptions of the Balkans, Balkanism, and Balkanization. Second, it engages with border studies, a vast and thriving field that makes sense of widely different and constantly changing definitions of the border. The course's case studies focus on the region of the former Yugoslavia across the disciplines currently recognized as the humanities and social sciences. We will examine what those disciplinary borders do to the different types of borders we have chosen to analyze. We will discuss the concepts of copy and imitation in relation to Balkan arts and politics in the contemporary globalized world. We will explore documentary film and performance art representations of how refugees, migrant minorities, and borderline populations counter marginalizations and trauma.

CLSL GU4995 Central European Jewish Literature: Assimilation and Its Discontents. 3 points.

Examines prose and poetry by writers generally less accessible to the American student written in the major Central European languages: German, Hungarian, Czech, and Polish. The problematics of assimilation, the search for identity, political commitment and disillusionment are major themes, along with the defining experience of the century: the Holocaust; but because these writers are often more removed from their Jewishness, their perspective on these events and issues may be different. The influence of Franz Kafka on Central European writers, the post-Communist Jewish revival, defining the Jewish voice in an otherwise disparate body of works.

COMPARATIVE LITERATURE - RUSSIAN

CLRS UN3309 Fact and Fiction: The Document in Russian and American Literature. 3 points.

"Truth is stranger than fiction," wrote Mark Twain in 1897. It is an axiom more relevant today than ever before, as more and more writers draw on "true events" for their literary works. Svetlana Alexievich, 2015 winner of the Nobel Prize for Literature, goes so far as to insist that "there are no borders between fact and fabrication, one flows into the other" in contemporary literature. In this course we read works from Russian and American literature that dance along this line between fact and fiction. Sometimes called "creative non-fiction," "literary journalism," or "documentary prose," these works (Sergei Tretiakov, Viktor Shklovsky, Truman Capote, Tom Wolfe, John McPhee, Artem Borovik, and others) blur the boundaries between documentary evidence and literary art. No prerequisites.

CLRS GU4011 Dostoevsky, Tolstoy, and the English Novel [in English]. 3 points.

A close reading of works by Dostoevsky (*Netochka Nezvanova*; *The Idiot*; "A Gentle Creature") and Tolstoy (*Childhood*, *Boyhood*, *Youth*; "Family Happiness"; *Anna Karenina*; "The Kreutzer Sonata") in conjunction with related English novels (Bronte's *Jane Eyre*, Eliot's *Middlemarch*, Woolf's *Mrs. Dalloway*). No knowledge of Russian is required.

Fall 2019: CLRS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4011	001/53900	M W 10:10am - 11:25am 517 Hamilton Hall	Liza Knapp	3	42/80

CLRS GU4017 Chekhov [English]. 3 points.

A close reading of Chekhov's best work in the genres on which he left an indelible mark (the short story and the drama) on the subjects that left an indelible imprint on him (medical science, the human body, identity, topography, the nature of news, the problem of knowledge, the access to pain, the necessity of dying, the structure of time, the self and the world, the part and the whole) via the modes of inquiry (diagnosis and deposition, expedition and exegesis, library and laboratory, microscopy and materialism, intimacy and invasion) and forms of documentation

(the itinerary, the map, the calendar, the photograph, the icon, the Gospel, the Koan, the lie, the love letter, the case history, the obituary, the pseudonym, the script) that marked his era (and ours). No knowledge of Russian required.

CLRS GU4022 Russia and Asia: Orientalism, Eurasianism, Internationalism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores the formation of Russian national and imperial identity through ideologies of geography, focusing on a series of historical engagements with the concept of "Asia." How has the Mongol conquest shaped a sense of Russian identity as something distinct from Europe? How has Russian culture participated in Orientalist portrayals of conquered Asian lands, while simultaneously being Orientalized by Europe and, indeed, Orientalizing itself? How do concepts of Eurasianism and socialist internationalism, both arising in the early 20th century, seek to redraw the geography of Russia's relations with East and West? We will explore these questions through a range of materials, including: literary texts by Russian and non-Russian writers (Pushkin, Lermontov, Tolstoy, Solovyov, Bely, Blok, Pilnyak, Khlebnikov, Planotov, Xiao Hong, Kurban Said, Aitimatov, Iskander, Borsky); films (Eisenstein, Tarkovsky, Kalatozov, Paradjanov, Mikhalkov); music and dance (the Ballets Russes); visual art (Vereshchagin, Roerich); and theoretical and secondary readings by Chaadaev, Said, Bassin, Trubetskoy, Leontiev, Lenin, and others.

CLRS GU4036 Nabokov and Global Culture. 3 points.

In 1955, an American writer of Russian descent published in Paris a thin book that forever shaped English language, American culture, and the international literary scene. That book, of course, was Vladimir Nabokov's *Lolita*.

We will speak of exile, memory and nostalgia, of hybrid cultural identities and cosmopolitan elites, of language, translation and multilingualism. All readings will be in English.

CLRS GU4037 Poets, Rebels, Exiles: 100 Years of Russian and Russian Jews in America. 3 points.

Poets, Rebels, Exiles examines the successive generations of the most provocative and influential Russian and Russian Jewish writers and artists who brought the cataclysm of the Soviet and post-Soviet century to North America. From Joseph Brodsky—the bad boy bard of Soviet Russia and a protégé of Anna Akhmatova, who served 18 months of hard labor near the North Pole for social parasitism before being exiled—to the most recent artistic descendants, this course will interrogate diaspora, memory, and nostalgia in the cultural production of immigrants and exiles.

Fall 2019: CLRS GU4037

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4037	001/13993	Th 4:10pm - 6:00pm 1201 International Affairs Bldg	Anna Katsnelson	3	12/25

CLRS GU4038 Dostoevsky in the 1870s: Demons, Diary of a Writer, Adolescent, and Dickens.. 3 points.

A study of Dostoevsky and Dickens as two writers whose engagement in the here and now was vital to their work and to their practice of the novel. Readings from Dostoevsky cluster in the 1870s and include two novels, *Demons* (1872) and *The Adolescent* (1876), and selections from his *Diary of a Writer*. Readings from Dickens span his career and include, in addition to *David Copperfield* (1850), sketches and later essays.

CLRS GU4040 The Future is Red (White and Blue):**Modernity and Social Justice in U.S. and U.S.S.R.. 4 points.**

In the 1920s, the Soviet Union and the U.S. emerged as growing world powers, offering each other two compelling, if often opposed, versions of modernity. At the same time, each country saw its intercontinental rival as an attractive, but dangerous “other”: a counterexample of the road not taken, and a foil for its own ideology and identity. From the 1920s to the heat of the Cold War, some of the USSR’s most prominent public figures came to the U.S. and several American intellectuals, progressive activists, and officials traveled to the Soviet experiment. This course examines the cultural images of the American and Soviet “other” in the texts that resulted from these exchanges. We will read works about America from Sergei Esenin, Vladimir Mayakovsky, Ilya Il’f and Evgeny Petrov, and poems, essays, and novels about Russia by Langston Hughes, Claude McKay, Louise Bryant, W.E.B. Du Bois, John Steinbeck, and others. Each of these texts attempts to grapple with what it means to be modern—both technologically advanced and socially liberated—in different national contexts and under different proclaimed ideologies.

CZECH LANGUAGE AND LITERATURE

CZCH UN1101 Elementary Czech I. 4 points.

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year.

Fall 2019: CZCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1101	001/53902	F 10:10am - 11:25am 352b International Affairs Bldg	Christopher Harwood	4	4/12
CZCH 1101	001/53902	T Th 10:10am - 11:25am 352c International Affairs Bldg	Christopher Harwood	4	4/12

CZCH UN1102 Elementary Czech II. 4 points.

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year.

Spring 2020: CZCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1102	001/11872	T Th F 10:10am - 11:25am Room TBA	Christopher Harwood	4	3/12

CZCH UN2101 Intermediate Czech I. 4 points.

Prerequisites: CZCH UN1102 or the equivalent
Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students.

Fall 2019: CZCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 2101	001/53903	F 11:40am - 12:55pm 352b International Affairs Bldg	Christopher Harwood	4	3/12
CZCH 2101	001/53903	T 11:40am - 12:55pm 352c International Affairs Bldg	Christopher Harwood	4	3/12
CZCH 2101	001/53903	Th 1:10pm - 2:25pm 352b International Affairs Bldg	Christopher Harwood	4	3/12

CZCH UN2102 Intermediate Czech II. 4 points.

Prerequisites: CZCH UN1102 or the equivalent.
Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students.

Spring 2020: CZCH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 2102	001/11878	T Th F 11:40am - 12:55pm Room TBA	Christopher Harwood	4	1/12

CZCH GU4333 Readings in Czech Literature, I. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Prerequisites: two years of college Czech or the equivalent.
A close study in the original of representative works of Czech literature. Discussion and writing assignments in Czech aimed at developing advanced language proficiency.

Fall 2019: CZCH GU4333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4333	001/53915	T Th 1:10pm - 2:25pm 707 Hamilton Hall	Christopher Harwood	3	0/12

CZCH GU4334 Readings in Czech Literature, II. 3 points.

Prerequisites: two years of college Czech or the equivalent.
A close study in the original of representative works of Czech literature. Discussion and writing assignments in Czech aimed at developing advanced language proficiency.

Spring 2020: CZCH GU4334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4334	001/11880	T Th 1:10pm - 2:25pm Room TBA	Christopher Harwood	3	1/12

POLISH LANGUAGE AND LITERATURE

POLI UN1101 Elementary Polish I. *4 points.*

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Fall 2019: POLI UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1101	001/53901	T Th F 1:10pm - 2:25pm 315 Hamilton Hall	Christopher Caes	4	7/12

POLI UN1102 Elementary Polish II. *4 points.*

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Spring 2020: POLI UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1102	001/11883	T Th F 1:10pm - 2:25pm Room TBA	Christopher Caes	4	5/12

POLI UN2101 Intermediate Polish I. *4 points.*

Prerequisites: POLI UN1102 or the equivalent.

Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students.

Fall 2019: POLI UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 2101	001/53895	T Th F 10:10am - 11:25am 609 Hamilton Hall	Christopher Caes	4	6/12

POLI UN2102 Intermediate Polish II. *4 points.*

Prerequisites: POLI UN1102 or the equivalent.

Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students.

Spring 2020: POLI UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 2102	001/11884	T Th F 10:10am - 11:25am Room TBA	Christopher Caes	4	2/12

POLI GU4101 Advanced Polish I. *4 points.*

Prerequisites: two years of college Polish or the instructor's permission.

Extensive readings from 19th- and 20th-century texts in the original. Both fiction and nonfiction, with emphasis depending on the interests and needs of individual students.

Fall 2019: POLI GU4101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4101	001/53896	T Th F 11:40am - 12:55pm 707 Hamilton Hall	Christopher Caes	4	6/12

POLI GU4102 Advanced Polish II. *4 points.*

Prerequisites: two years of college Polish or the instructor's permission.

Extensive readings from 19th- and 20th-century texts in the original. Both fiction and nonfiction, with emphasis depending on the interests and needs of individual students.

Spring 2020: POLI GU4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4102	001/11886	T Th F 11:40am - 12:55pm Room TBA	Christopher Caes	4	5/12

ROMANIAN LANGUAGE AND LITERATURE

RMAN GU4002 Romanian Culture, Identity and Complexes. *3 points.*

This course addresses the main problems that contribute to the making of Romanian identity, as fragmented or as controversial as it may seem to those who study it. The aim is to become familiar with the deepest patterns of Romanian identity, as we encounter it today, either in history, political studies, fieldwork in sociology or, simply, when we interact with Romanians. By using readings and presentations produced by Romanian specialists, we aim to be able to see the culture with an "insider's eye", as much as we can. This perspective will enable us to develop mechanisms of understanding the Romanian culture and mentality independently, at a more profound level and to reason upon them.

Fall 2019: RMAN GU4002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 4002	001/53905	M W 11:40am - 12:55pm 516 Hamilton Hall	Mona Momescu	3	0/15

RMAN GU4003 Byzantine and Post-Byzantine Elements of Romanian Culture. *3 points.*

Prerequisites: Reading knowledge of Romanian and French ...The Byzantine as "post-Romantic", as "eclectic", "Oriental", in its version of localized, picturesque, intra-European Orientalism appears less explored and probably less considered of importance when trying to understand the intricacies of a culture and, by expanding it, of culture in general. Our explorations of Byzantine/Byzantinism will help us develop a subtler understanding of the mechanisms of the cultural equation West/Orient and of the cultural hierarchies....

RUSSIAN LANGUAGE

RUSS UN1101 First-year Russian I. *5 points.*

Grammar, reading, composition, and conversation.

Fall 2019: RUSS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1101	001/53927	M T W Th 8:50am - 9:55am	Claudia Kelley	5	11/12

		652 Schermerhorn Hall				
RUSS 1101	003/53929	M T W Th 1:10pm - 2:15pm	Nataliya Kun	5	11/12	
		709 Hamilton Hall				
RUSS 1101	004/53930	M T W Th 6:10pm - 7:15pm	Max Lawton	5	7/12	
		709 Hamilton Hall				

RUSS UN1102 First-year Russian II. 5 points.

Grammar, reading, composition, and conversation.

Spring 2020: RUSS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1102	001/11895	M T W Th 8:50am - 9:55am	Claudia Kelley	5	11/12
		Room TBA			
RUSS 1102	002/11896	M T W Th 1:10pm - 2:15pm	Nataliya Kun	5	11/12
		Room TBA			
RUSS 1102	003/11897	M T W Th 6:10pm - 7:15pm	Max Lawton	5	8/12
		709 Hamilton Hall			

RUSS UN2101 Second-Year Russian I. 5 points.

Prerequisites: RUSS UN1102 or the equivalent.

Drill practice in small groups. Reading, composition, and grammar review. "Off-sequence"

Fall 2019: RUSS UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 2101	001/53931	M T W Th 8:50am - 9:55am	Elaine Wilson	5	12/12
		709 Hamilton Hall			
RUSS 2101	002/53932	M T W Th 11:40am - 12:45pm	Stephen Bruce	5	13/12
		709 Hamilton Hall			
RUSS 2101	003/53933	M T W Th 1:10pm - 2:15pm	Tomi Haxhi	5	8/12
		609 Hamilton Hall			

RUSS UN2102 Second-year Russian II. 5 points.

Prerequisites: RUSS UN2101 or the equivalent.

Drill practice in small groups. Reading, composition, and grammar review.

Spring 2020: RUSS UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 2102	001/19753	M T W Th 8:50am - 9:55am	Elaine Wilson	5	11/12
		709 Hamilton Hall			
RUSS 2102	002/19754	M T W Th 11:40am - 12:45pm	Stephen Bruce	5	8/12
		709 Hamilton Hall			
RUSS 2102	003/19755	M T W Th 1:10pm - 2:15pm	Tomi Haxhi	5	5/12
		Room TBA			

RUSS UN3101 Third-year Russian I. 4 points.

Limited enrollment.

Prerequisites: RUSS UN2102 or the equivalent, and the instructor's permission.

Recommended for students who wish to improve their active command of Russian. Emphasis on conversation and composition. Reading and discussion of selected texts and videotapes. Lectures. Papers and oral reports required. Conducted entirely in Russian.

Fall 2019: RUSS UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3101	001/53920	M W F 10:10am - 11:25am	Alla Smyslova	4	11/12
		5ab Kraft Center			

RUSS UN3102 Third-Year Russian II. 4 points.

Prerequisites: RUSS UN2102 or the equivalent and the instructor's permission.

Enrollment limited. Recommended for students who wish to improve their active command of Russian. Emphasis on conversation and composition. Reading and discussion of selected texts and videotapes. Lectures. Papers and oral reports required. Conducted entirely in Russian.

Spring 2020: RUSS UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3102	001/11902	M W F 10:10am - 11:25am	Alla Smyslova	4	9/12
		709 Hamilton Hall			

RUSS UN3105 Real World Russian. 3 points.

Prerequisites: (RUSS UN2102) (department placement test) This content-based course has three focal points: 1) communicative skills 1) idiomatic language; 3) cross-cultural awareness.

The course is designed to help students further develop all of their language skills with particular focus on communicative and information processing skills, as well as natural student collaboration in the target language. The materials and assignments that will be used in class allow to explore a broad range of social, cultural, and behavioral contexts and familiarize students with idiomatic language, popular phrases and internet memes, developments of the colloquial language, and the use of slang in everyday life.

On each class students will be offered a variety of content-based activities and assignments, including, information gap filling, role-play and creative skits, internet search, making presentations, and problem-solving discussions. Listening comprehension assignments will help students expand their active and passive vocabulary and develop confidence using natural syntactic models and idiomatic structures.

Students will be exposed to cultural texts of different registers, which will help them enhance their stylistic competence. Students will learn appropriate ways to handle linguo-social situations, routines, and challenges similar to those they come across when traveling to Russia. They will explore various speech acts of daily communication, such as agreement/disagreement, getting and

giving help, asking for a favor, expressing emotions, and so forth. Part of class time will be devoted to nonverbal communication, the language of gestures, emotional phonetics and intonation.

Fall 2019: RUSS UN3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3105	001/53919	M W 11:40am - 12:55pm 411 Kent Hall	Nataliya Kun	3	7/15

RUSS UN3430 Russian for Heritage Speakers I. 3 points.

Prerequisites: *RUSS V3430* or the instructor's permission.

This course is designed to help students who speak Russian at home, but have no or limited reading and writing skills to develop literary skills in Russian. THIS COURSE, TAKEN WITH RUSS V3431, MEET A TWO YEAR FOREIGN LANGUAGE REQUIREMENT. Conducted in Russian.

Fall 2019: RUSS UN3430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3430	001/53923	M W 1:10pm - 2:25pm 618 Hamilton Hall	Alla Smyslova	3	12/15

RUSS UN3431 Russian for Heritage Speakers II. 3 points.

Prerequisites: *RUSS V3430* or the instructor's permission.

This course is designed to help students who speak Russian at home, but have no or limited reading and writing skills to develop literary skills in Russian. THIS COURSE, TAKEN WITH RUSS V3430, MEET A TWO YEAR FOREIGN LANGUAGE REQUIREMENT. Conducted in Russian.

Spring 2020: RUSS UN3431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3431	001/11903	M W 1:10pm - 2:25pm 709 Hamilton Hall	Alla Smyslova	3	10/15

RUSS GU4333 Fourth-year Russian I. 4 points.

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test.

Systematic study of problems in Russian syntax; written exercises, translations into Russian, and compositions. Conducted entirely in Russian.

RUSS GU4334 Fourth-year Russian II. 4 points.

Prerequisites: three years of college Russian and the instructor's permission.

Discussion of different styles and levels of language, including word usage and idiomatic expression; written exercises, analysis of texts, and compositions. Conducted entirely in Russian.

RUSS GU4350 Moving to Advanced-Plus: Language, Culture, Society in Russian Today. 3 points.

Prerequisites: Six semesters of college Russian and the instructor's permission.

The course is designed to provide advanced and highly-motivated undergraduate and graduate students of various majors with an

opportunity to develop professional vocabulary and discourse devices that will help them to discuss their professional fields in Russian with fluency and accuracy. The course targets all four language competencies: speaking, listening, reading and writing, as well as cultural understanding. Conducted in Russian.

Spring 2020: RUSS GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4350	001/11904	M W 11:40am - 12:55pm Room TBA	Nataliya Kun	3	5/15

RUSS GU4351 Moving to Advanced-Plus: Language, Culture, Society in Russian Today. 3 points.

Prerequisites: eight semesters of college Russian and the instructor's permission.

The course is designed to provide advanced and highly-motivated undergraduate and graduate students of various majors with an opportunity to develop professional vocabulary and discourse devices that will help them to discuss their professional fields in Russian with fluency and accuracy. The course targets all four language competencies: speaking, listening, reading and writing, as well as cultural understanding. Conducted in Russian.

RUSS GU4434 Practical Stylistics [in Russian]. 3 points.

Prerequisites: *RUSS W4334* or the equivalent or the instructor's permission.

Prerequisite: four years of college Russian or instructor's permission. The course will focus on theoretical matters of language and style and on the practical aspect of improving students' writing skills. Theoretical aspects of Russian style and specific Russian stylistic conventions will be combined with the analysis of student papers and translation assignments, as well as exercises focusing on reviewing certain specific difficulties in mastering written Russian.

Spring 2020: RUSS GU4434

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4434	001/11845	M W 2:40pm - 3:55pm 709 Hamilton Hall	Irina Reyfman	3	8/15

RUSS GU4910 Literary Translation. 4 points.

Prerequisites: four years of college Russian or the equivalent. Workshop in literary translation from Russian into English focusing on the practical problems of the craft. Each student submits a translation of a literary text for group study and criticism. The aim is to produce translations of publishable quality.

Fall 2019: RUSS GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4910	001/53922	W 2:10pm - 4:00pm 511 Hamilton Hall	Ronald Meyer	4	6/12

RUSSIAN LITERATURE (IN ENGLISH)

RUSS UN3220 Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]. 3 points.

Explores the aesthetic and formal developments in Russian prose, especially the rise of the monumental 19th-century novel, as one manifestation of a complex array of national and cultural aspirations, humanistic and imperialist ones alike. Works by Pushkin, Lermontov, Gogol, Turgenev, Tolstoy, Dostoevsky, and Chekhov. Knowledge of Russian not required.

Fall 2019: RUSS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3220	001/53898	T Th 1:10pm - 2:25pm 313 Fayerweather	Cathy Popkin	3	30/60

RUSS UN3221 Literature & Revolution [In English]. 3 points.

The revolutionary period (1905-1938) in Russia was not only one of extreme social upheaval but also of exceptional creativity. Established ideas about individuality and collectivity, about how to depict reality, about language, gender, authority, and violence, were all thrown open to radical questioning. Out of this chaos came ideas about literature and film (just for example) which have shaped Western thought on these subjects to this day. In this course we will study a variety of media and genres (poetry, manifestos, film, painting, photomontage, the novel, theoretical essays) in an effort to gain a deep understanding of this complex and fascinating period in Russian cultural history.

Spring 2020: RUSS UN3221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3221	001/00416	T Th 1:10pm - 2:25pm Room TBA	Holly Myers	3	16

RUSS UN3222 Tolstoy and Dostoevsky [In English]. 3 points.

Two epic novels, Tolstoy's *War and Peace* and Dostoevsky's *The Brothers Karamazov*, will be read along with selected shorter works. Other works by Tolstoy include his early *Sebastopol Sketches*, which changed the way war is represented in literature; *Confession*, which describes his spiritual crisis; the late stories "Kreutzer Sonata" and "Hadji Murad"; and essays on capital punishment and a visit to a slaughterhouse. Other works by Dostoevsky include his fictionalized account of life in Siberian prison camp, *The House of the Dead*; *Notes from the Underground*, his philosophical novella on free will, determinism, and love; "A Gentle Creature," a short story on the same themes; and selected essays from *Diary of a Writer*. The focus will be on close reading of the texts. Our aim will be to develop strategies for appreciating the structure and form, the powerful ideas, the engaging storylines, and the human interest in the writings of Tolstoy and Dostoevsky. No knowledge of Russian is required.

Spring 2020: RUSS UN3222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 3222 001/11851

M W 10:10am -

Liza Knapp 3

49/65

11:25am

Room TBA

RUSS UN3223 Magical Mystery Tour: The Legacy of Old Rus'. 3 points.

Winston Churchill famously defined Russia as "a riddle wrapped in a mystery inside an enigma." This course aims at demystifying Russia by focusing on the core of its "otherness" in the eyes of the West: its religious culture. We will explore an array of texts, practices and pragmatic sites of Russian religious life across such traditional divides as medieval and modern, popular and elite, orthodox and heretical. Icons, liturgical rituals, illuminated manuscripts, magic amulets, religious sects, feasting and fasting, traveling practices from pilgrimages to tourism, political myths and literary mystification, decadent projects of life-creation, and fervent anticipation of the End are all part of the tour that is as illuminating as it is fun. No knowledge of Russian required.

RUSS GU4006 Russian Religious Thought, Praxis, and Literature. 3 points.

This course examines the interaction of religious thought, praxis, and literature in the nineteenth and early twentieth centuries. As the Russian Empire sought to define its place in the world, many Russian writers and thinkers turned to religious experience as a source of meaning. A varied body of work emerged as they responded to the tradition of Russian Orthodoxy. The goals of this course are to acquaint students with key texts of Russian religious thought and to give students the knowledge and tools required for critical inquiry into the religious dimension of Russian literature and culture.

RUSS GU4013 Late Tolstoy (Beyond Anna Karenina): Thinker, Writer, Activist, Pacifist, Humanitarian, and Mortal. 4 points.

The focus of the course is Tolstoy's work in the last 35 years of his life. On finishing *War and Peace* and *Anna Karenina*, Tolstoy swore off the kind of literature and decided to devote himself to what he believed would be more meaningful work. This work included confessions, letters, tracts, critiques, proclamations, invectives, exposes, meditations, and gospel, and as more fiction, some of which is overly didactic and some which is, like his earlier fiction, more covertly so.

RUSS GU4046 The Trickster in the Modern Russian Literature and Culture. 3 points.

"Trickster" does not simply mean "deceiver" or "rogue" (the definition of trickster according to the Oxford Encyclopedic English Dictionary), but rather "creative idiot", to use Lewis Hyde's expression. This hero unites the qualities of characters who at first sight have little in common — the "selfish buffoon" and the "culture hero"; someone whose subversions and transgressions paradoxically amplify the culture-constructing effects of his (and most often it is a "he") tricks. The trickster is a typical comic protagonist — it is enough to recollect Renard the Fox from the medieval *Roman de Renard*, Panurge from François Rabelais' *The Life of Gargantua and of Pantagruel*, Cervantes' Sancha Panza, Beaumarchais's Figaro, Gogol's Khlestakov, Mark Twain's Tom

Sawyer and Huckleberry Finn, Yaroslav Hašek's Švejk, Charlie Chaplin's Tramp, Max Bialystock in Mel Brooks' *Producers*, Bart Simpson and Borat (Sacha Baron Cohen), as well as Jon Stewart and Stephen Colbert along with many other comical characters of the same genre – to confirm this self-evident thesis

Spring 2020: RUSS GU4046

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4046	001/11850	M W 11:40am - 12:55pm Room TBA	Mark Leiderman	3	15/45

RUSS GU4107 Russian Literature and Culture in the New Millennium. 3 points.

Survey of Russian literature and culture from the late 1970s until today. Works by Petrushevskaya, Pelevin, Tolstaya, Sorokin, Ulitskaya, Akunin, Rubinshtein, Prigov, Vasilenko, and others. Literature, visual art, and film are examined in social and political context. Knowledge of Russian not required.

Fall 2019: RUSS GU4107

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4107	001/53936	T Th 2:40pm - 3:55pm 709 Hamilton Hall	Mark Leiderman	3	8/45

RUSS GU4453 Women and Resistance in Russia. 3 points.

Cultural and political history of women and resistance in Russia, from the Putin era to medieval saints. Explores forms and specificity of female resistance in Russia across history. Addresses questions of historical narrative in light of missing sources. Material includes: prose by Svetlana Alexievich, Lydia Chukovskaya, Lidiya Ginzburg, Alexandra Kollontai, Masha Gessen, Anna Politkovskaia, and Pussy Riot's Nadezhda Tolokonnikova; poetry by Anna Akhmatova, Marina Tsvetaeva and Sophia Parnok; films by Kira Muratova; visual art by Natalia Goncharova and fellow "amazons" of the Russia Avant Garde, together with memoirs, saint's lives, letters, diaries, and urban legend. Final project: curating a museum exhibit.

Prerequisites: Open to undergraduate and graduate students. No Russian required for the undergraduate students. Graduate students are expected to do the readings in Russian.

RUSS GU4910 Literary Translation. 4 points.

Prerequisites: four years of college Russian or the equivalent. Workshop in literary translation from Russian into English focusing on the practical problems of the craft. Each student submits a translation of a literary text for group study and criticism. The aim is to produce translations of publishable quality.

Fall 2019: RUSS GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4910	001/53922	W 2:10pm - 4:00pm 511 Hamilton Hall	Ronald Meyer	4	6/12

RUSSIAN LITERATURE

RUSS UN3332 Vvedenie v russkuiu literaturu: Scary Stories. 3 points.

For non-native speakers of Russian.

Prerequisites: two years of college Russian or the instructor's permission.

The course is devoted to the reading, analysis, and discussion of a number of Russian prose fiction works from the eighteenth to twentieth century. Its purpose is to give students an opportunity to apply their language skills to literature. It will teach students to read Russian literary texts as well as to talk and write about them. Its goal is, thus, twofold: to improve the students' linguistic skills and to introduce them to Russian literature and literary history. A close study in the original of the "scary stories" in Russian literature from the late eighteenth century. Conducted in Russian.

RUSS UN3333 Vvedenie v russkuiu literaturu: Poor Liza, Poor Olga, Poor Me. 3 points.

For non-native speakers of Russian.

Prerequisites: two years of college Russian or the instructor's permission.

The course is devoted to the reading, analysis, and discussion of a number of Russian prose fiction works from the eighteenth to twentieth century. Its purpose is to give students an opportunity to apply their language skills to literature. It will teach students to read Russian literary texts as well as to talk and write about them. Its goal is, thus, twofold: to improve the students' linguistic skills and to introduce them to Russian literature and literary history. In 2007-2008: A close study in the original of the "fallen woman" plot in Russian literature from the late eighteenth century. Conducted in Russian.

Fall 2019: RUSS UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3333	001/53934	M W 1:10pm - 2:25pm 716a Hamilton Hall	Irina Reyfman	3	4/18

RUSS GU4332 Chteniia po russkoi literaturu: Gogol. 3 points.

Prerequisites: Three years of college Russian and the instructor's permission.

The course is devoted to reading shorter works by Nikolai Gogol. The syllabus includes a selection of stories from *Evenings at a Farm near Dikanka* and *Mirgorod*, "Nevsky Prospect," "The Overcoat," "Nose," and "Petersburg Tales," and *The Inspector General*.

RUSS GU4338 Chteniia po russkoi literature: Voina i mir. 3 points.

The course is devoted to reading and discussing of Tolstoy's masterpiece. Classes are conducted entirely in Russian.

RUSS GU4344 Chteniia po russkoi kul'ture: Advanced Russian Through History. 3 points.

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test.

A language course designed to meet the needs of those foreign learners of Russian as well as heritage speakers who want to develop further their reading, speaking, and writing skills and be introduced to the history of Russia.

Fall 2019: RUSS GU4344

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4344	001/09532	M W 1:10pm - 2:25pm 225 Milbank Hall		3	7

RUSS GU4345 Chteniia po russkoi kul'ture: Advanced Russian Through History. 3 points.

Prerequisites: three years of Russian.

This is a language course designed to meet the needs of those foreign learners of Russian as well as heritage speakers who want to further develop their reading, listening, speaking, and writing skills and be introduced to the history of Russia.

Spring 2020: RUSS GU4345

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4345	001/00419	M W 1:10pm - 2:25pm Room TBA	Vasily Lvov	3	7/15

SLAVIC CULTURE

SLCL UN3001 Slavic Cultures. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The history of Slavic peoples - Russians, Czechs, Poles, Serbs, Croats, Ukrainians, Bulgarians - is rife with transformations, some voluntary, some imposed. Against the background of a schematic external history, this course examines how Slavic peoples have responded to and have represented these transformations in various modes: historical writing, hagiography, polemics, drama and fiction, folk poetry, music, visual art, and film. Activity ranges over lecture (for historical background) and discussion (of primary sources).

Fall 2019: SLCL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SLCL 3001	001/53906	T Th 10:10am - 11:25am 702 Hamilton Hall	Alan Timberlake	3	52/80

SLCL UN3100 Folklore Past and Present: From Slavic Vampires to Urban Legends. 3 points.

For the past two centuries, writers, composers, and artists have found inspiration in the stories, songs, and beliefs of their grandparents, their servants (or their slaves), and their neighbors. This class asks what "folklore" means and what purposes – political as well as artistic – it can serve. Our focus will be traditional, oral Slavic folk genres, but we will also look at contemporary American folklore. Folklore is characterized by repetition and variation; the oral texts we find in books have been extracted from their original context and framed as such. Collecting folklore from fellow students or in the communities around campus will

allow you to experience how this happens firsthand. The course will cover a variety of genres of oral folklore -- riddles, spells, fairy tales, epics and folksongs. We will also examine the way that Slavic and Eastern European folklore has been readapted in "high" art genres such as literature and ballet. By the end of the semester, students will be able to recognize patterns and interpret meanings of traditional folkloric genres, and to acquire the tools and techniques necessary for collecting, documenting and interpreting contemporary folklore. Assignments will also allow students to improve skills of textual analysis and analytic, and creative writing.

HNGR GU4028 Modern Hungarian Prose in Translation: Exposing Naked Reality. 3 points.

This course introduces students to representative examples of an essentially robust, reality-bound, socially aware literature. In modern Hungarian prose fiction, the tradition of nineteenth-century "anecdotal realism" remained strong and was further enlivened by various forms of naturalism. Even turn-of-the-century and early twentieth-century modernist fiction is characterized by strong narrative focus, psychological realism, and an emphasis on social conditions and local color. During the tumultuous decades of the century, social, political, national issues preoccupied even aesthetics-conscious experimenters and ivory-tower dwellers. Among the topics discussed will be "populist" and "urban" literature in the interwar years, post-1945 reality in fiction, literary memoirs and reportage, as well as late-century minimalist and postmodern trends.

HNGR GU4050 The Hungarian New Wave: Cinema in Kadarist Hungary [In English]. 3 points. **Not offered during 2019-20 academic year.**

Hungarian cinema, like film-making in Czechoslovakia, underwent a renaissance in the 1960's, but the Hungarian new wave continued to flourish in the 70's and film remained one of the most important art forms well into the 80's. This course examines the cultural, social and political context of representative Hungarian films of the Kadarist period, with special emphasis on the work of such internationally known filmmakers as Miklos Jancso, Karoly Makk, Marta Meszaros, and Istvan Szabo. In addition to a close analysis of individual films, discussion topics will include the "newness" of the new wave in both form and content (innovations in film language, cinematic impressionism, allegorical-parabolic forms, auteurism, etc.), the influence of Italian, French, German and American cinema, the relationship between film and literature, the role of film in the cultures of Communist Eastern Europe, the state of contemporary Hungarian cinema. The viewing of the films will be augmented by readings on Hungarian cinema, as well as of relevant Hungarian literary works.

SLAVIC LITERATURES

SLLT GU4000 EURASIAN EXILES & LIT IN N.Y.. 3 points.

Eurasian Exiles and Literature in New York examines Eurasian exile literature in the United States and especially New York over the course of four emigration waves: so called Second Wave writers

who fled the Russian Revolution (Vladimir Nabokov), the Third Wave exiles, who came after World War II (Joseph Brodsky and Sergei Dovlatov), the exile literature of the last Soviet generation who came as refugees in the late 1970s and early 1980s (Gary Shteyngart, Irina Reyn), and the perestroika and post-Soviet diaspora, who came to New York after 1991. All four waves drew upon a rich Russian cultural heritage and influences that they encountered abroad to create innovative work: new topoi and urban fiction as well as unique images of New York. All four have complicated and fascinating engagements with American society and the cultures of New York City, and also with the Russian and Eurasian émigré communities, vibrant worlds unto themselves. The initial waves drew mainly on East European themes and were still attached to Russia while the latter were increasingly concerned with non-Russian nationalities like Bukharan Jews, Georgians, and Tajiks. The course looks closely and critically at the meanings of “exile” and “Eurasia,” as well as the poetics of exilic and urban writing; it asks whether we can still speak of exiles and exile fiction in the postSoviet age of globalization, social media, and unprecedented migration.

UKRAINIAN LANGUAGE AND LITERATURE

UKRN UN1101 Elementary Ukrainian I. 3 points.

Designed for students with little or no knowledge of Ukrainian. Basic grammar structures are introduced and reinforced, with equal emphasis on developing oral and written communication skills. Specific attention to acquisition of high-frequency vocabulary and its optimal use in real-life settings.

Fall 2019: UKRN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1101	001/53911	M W Th 11:40am - 12:55pm 352c International Affairs Bldg	Yuri Shevchuk	3	6/12

UKRN UN1102 Elementary Ukrainian II. 3 points.

Designed for students with little or no knowledge of Ukrainian. Basic grammar structures are introduced and reinforced, with equal emphasis on developing oral and written communication skills. Specific attention to acquisition of high-frequency vocabulary and its optimal use in real-life settings.

Spring 2020: UKRN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1102	001/11827	M W F 11:40am - NaN:55am Room TBA	Yuri Shevchuk	3	2/12

UKRN UN2101 Intermediate Ukrainian I. 3 points.

Prerequisites: UKRN UN1102 or the equivalent. Reviews and reinforces the fundamentals of grammar and a core vocabulary from daily life. Principal emphasis is placed on further development of communicative skills (oral and written). Verbal aspect and verbs of motion receive special attention.

Fall 2019: UKRN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2101	001/53912	M W 10:10am - 11:25am 352b International Affairs Bldg	Yuri Shevchuk	3	1/12
UKRN 2101	001/53912	Th 4:40pm - 5:55pm 352b International Affairs Bldg	Yuri Shevchuk	3	1/12

UKRN UN2102 Intermediate Ukrainian II. 3 points.

Prerequisites: UKRN UN1102 or the equivalent. Reviews and reinforces the fundamentals of grammar and a core vocabulary from daily life. Principal emphasis is placed on further development of communicative skills (oral and written). Verbal aspect and verbs of motion receive special attention.

Spring 2020: UKRN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2102	001/11833	M W F 10:10am - 11:25am Room TBA	Yuri Shevchuk	3	1/12

UKRN GU4001 Advanced Ukrainian I. 3 points.

Prerequisites: UKRN UN2102 or the equivalent. The course is for students who wish to develop their mastery of Ukrainian. Further study of grammar includes patterns of word formation, participles, gerunds, declension of numerals, and a more in-depth study of difficult subjects, such as verbal aspect and verbs of motion. The material is drawn from classical and contemporary Ukrainian literature, press, electronic media, and film. Taught almost exclusively in Ukrainian.

UKRN GU4002 Advanced Ukrainian II. 3 points.

Prerequisites: UKRN UN2102 or the equivalent. The course is for students who wish to develop their mastery of Ukrainian. Further study of grammar includes patterns of word formation, participles, gerunds, declension of numerals, and a more in-depth study of difficult subjects, such as verbal aspect and verbs of motion. The material is drawn from classical and contemporary Ukrainian literature, press, electronic media, and film. Taught almost exclusively in Ukrainian.

UKRN GU4006 Advanced Ukrainian Through Literature, Media, and Politics. 3 points.

This course is organized around a number of thematic centers or modules. Each is focused on stylistic peculiarities typical of a given functional style of the Ukrainian language. Each is designed to assist the student in acquiring an active command of lexical, grammatical, discourse, and stylistic traits that distinguish one style from the others and actively using them in real-life communicative settings in contemporary Ukraine. The styles include literary fiction, scholarly prose, and journalism, both printed and broadcast.

Fall 2019: UKRN GU4006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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UKRN 4006	001/53942	W 1:35pm - 3:15pm 351a International Affairs Bldg	Yuri Shevchuk	3	1/12
UKRN 4006	001/53942	M 3:30pm - 4:20pm 351a International Affairs Bldg	Yuri Shevchuk	3	1/12

UKRN GU4007 Advanced Ukrainian Through Literature, Media and Politics II. 3 points.

This course is organized around a number of thematic centers or modules. Each is focused on stylistic peculiarities typical of a given functional style of the Ukrainian language. Each is designed to assist the student in acquiring an active command of lexical, grammatical, discourse, and stylistic traits that distinguish one style from the others and actively using them in real-life communicative settings in contemporary Ukraine. The styles include literary fiction, scholarly prose, and journalism, both printed and broadcast

Spring 2020: UKRN GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4007	001/11842	M W 2:40pm - 3:55pm Room TBA	Yuri Shevchuk	3	0/12

UKRN GU4033 Early Modernism in Ukrainian Literature. 3 points.

Not offered during 2019-20 academic year.

The course focuses on the rise of modernism in Ukrainian literature in the late 19th century and early 20th century, a period marked by a vigorous, often biting polemic between the populist Ukrainian literary establishment and young Ukrainian writers who were inspired by their European counterparts. Students will read prose, poetry, and drama written by Ivan Franko, the writers of the Moloda Musa, Olha Kobylanska, Lesia Ukrainka, and Volodymyr Vynnychenko among others. The course will trace the introduction of urban motifs and settings, as well as decadence, into Ukrainian literature and analyze the conflict that ensued among Ukrainian intellectuals as they forged the identity of the Ukrainian people. The course will be supplemented by audio and visual materials reflecting this period in Ukrainian culture. Entirely in English with a parallel reading list for those who read Ukrainian.

UKRN GU4037 The Aura of Soviet Ukrainian Modernism. 3 points.

This course studies the renaissance in Ukrainian culture of the 1920s - a period of revolution, experimentation, vibrant expression and polemics. Focusing on the most important developments in literature, as well as on the intellectual debates they inspired, the course will also examine the major achievements in Ukrainian theater, visual art and film as integral components of the cultural spirit that defined the era. Additionally, the course also looks at the subsequent implementation of the socialist realism and its impact on Ukrainian culture and on the cultural leaders of the renaissance. The course treats one of the most important periods of Ukrainian culture and examines its lasting impact on today's Ukraine. This period produced several world-

renowned cultural figures, whose connections with the 1920s Ukraine have only recently begun to be discussed. The course will be complemented by film screenings, presentations of visual art and rare publications from this period. Entirely in English with a parallel reading list for those who read Ukrainian.

Spring 2020: UKRN GU4037

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4037	001/11828	T Th 1:10pm - 2:25pm 709 Hamilton Hall	Mark Andrzczyk	3	1/15

UKRN GU4054 Creating Identity in Contemporary Ukrainian Culture. 3 points.

This course presents and examines post-Soviet Ukrainian literature. Students will learn about the significant achievements, names, events, scandals and polemics in contemporary Ukrainian literature and will see how they have contributed to Ukraine's post-Soviet identity. Students will examine how Ukrainian literature became an important site for experimentation with language, for providing feminist perspectives, for engaging previously-banned taboos and for deconstructing Soviet and Ukrainian national myths. Among the writers to be focused on in the course are Serhiy Zhadan, Yuri Andrukhovych, Oksana Zabuzhko and Taras Prokhasko. Centered on the most important successes in literature, the course will also explore key developments in music and visual art of this period. Special focus will be given to how the 2013/2014 Euromaidan revolution and war are treated in today's literature. By also studying Ukrainian literature with regards to its relationship with Ukraine's changing political life, students will obtain a good understanding of the dynamics of today's Ukraine and the development of Ukrainians as a nation in the 21st century. The course will be complemented by audio and video presentations. Entirely in English with a parallel reading list for those who read Ukrainian.

SOCIOLOGY

Department Office: 501 Knox Hall; 212-853-1909
<http://www.sociology.columbia.edu>

Director of Undergraduate Studies: Teresa Sharpe, 501 Knox;
ts2785@columbia.edu

Director of Academic Administration and Finance: Teresa Aguayo, 501C Knox Hall; 212-854-9890; ta2015@columbia.edu

Student Program Coordinator: Kiamesha Wilson, 501B Knox;
kw2510@columbia.edu

Sociology is the study of society. In examining patterns of association, sociologists explore the interactions of people, communities, and organizations. In this sense, sociology is not the study of people; it is the study of the relationships among people. This study includes the associations between people and the products of human interaction, such as organizations,

technologies, economics, cities, culture, media, and religion. In the kinds of questions it asks, sociology is a deeply humanist discipline and sociologists demand the analytic rigor of scientific investigation.

In training students in our department, we encourage them to ask big questions and we work to give them the tools to provide answers. These tools might mean ethnographic observation, pouring through historical archives, looking at census data, analyzing social networks, or interviewing people from various walks of life.

As a bridging discipline that seeks the scientific exploration of questions that matter to human communities, such as inequality and social injustice, sociology addresses many of the same areas of life as our neighboring social science disciplines. Yet we often approach these areas quite differently. For example, problems of economic and political life are a central concern to sociologists. Rather than explore these as independent or particular features of society, we seek to embed them within the complex whole of the social world. Students will find the Department of Sociology to be a broad, demanding department that provides its students with the conceptual and methodological tools to make sense of the opportunities and social problems of the global communities in which we live.

GRADING

A letter grade of C- or better is needed in all Sociology courses in order to satisfy the program requirements.

DEPARTMENTAL HONORS

In order to be considered for departmental honors, majors must have a minimum GPA of 3.6 overall and 3.8 in courses in the Department of Sociology. In addition, students must produce an exceptional honors thesis in the two-semester *Senior Seminar* (SOCI UN3995-SOCI UN3996 Senior Seminar).

In order to register for the *Senior Seminar*, students must have completed SOCI UN3010 Methods for Social Research and have had their research project accepted by the faculty member teaching the Senior Seminar. Submissions of research projects are due by May 1 preceding the seminar. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Peter Bearman
Courtney Bender (Religion)
Elizabeth Bernstein (Barnard)
Yinon Cohen
Jonathan R. Cole
Thomas A. DiPrete
Gil Eyal
Todd Gitlin (Journalism)
Shamus Khan (Chair)
Bruce Kogut (Business)
Jennifer Lee

Bruce Link (School of Public Health)
Debra C. Minkoff (Barnard)
Mignon Moore (Chair, Barnard)
Aaron Pallas (Teachers College)
Jonathan Rieder (Barnard)
Saskia Sassen
Seymour Spilerman
David Stark (also School of International and Public Affairs)
Julien Teitler (Social Work)
Diane Vaughan
Sudhir Alladi Venkatesh
Amy Stuart Wells (Teachers College)
Bruce Western
Andreas Wimmer

ASSOCIATE PROFESSORS

Mark Hatzenbuehler (Sociomedical)
Jennifer Lena (Teachers College)
Desmond Upton Patton (School of Social Work)
Adam Reich (Director of Graduate Studies)
Emmanuelle Saada (French and Romance Philology)
Josh Whitford

ASSISTANT PROFESSORS

Maria Abascal
Debbie Becher (Barnard)
Christel Kesler (Barnard)
Yao Lu
Angela M. Simms (Barnard)
Gerard Torrats-Espinosa
Dan Wang (Business School)
Amy Yuan Zhou (Barnard)

LECTURERS

Denise Milstein
Teresa Sharpe
Kristin Murphy

ON LEAVE

Prof. Stark (2018 - 2019)
Prof. Whitford (2019 - 2020)

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 Society and the Israeli-Palestinian Conflict
SOCI UN3264	The Changing American Family
SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	Seminar in Inequality, Poverty, and Mobility
SOCI UN3931	Sociology of the Body
SOCI UN3974	Sociology of Schools, Teaching and Learning
SOCI UN3995	Senior Seminar
SOCI UN3996	Senior Seminar

* These may include the two-semester *Senior Seminar* (SOCI UN3995-SOCI UN3996).

CONCENTRATION IN SOCIOLOGY

The concentration in sociology requires a minimum of 20 points as follows:

Core Courses

The following three courses are required (10 points):

SOCI UN1000	The Social World
SOCI UN3000	Social Theory
SOCI UN3010	Methods for Social Research

Elective Courses

Select three courses (10 points) in the Department of Sociology, one of which must be a seminar. Some examples of electives include:

SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	Seminar in Inequality, Poverty, and Mobility
SOCI UN3915	Stigma and Discrimination
SOCI UN3931	Sociology of the Body
SOCI UN3974	Sociology of Schools, Teaching and Learning
SOCI UN3985	Queer Practice
SOCI UN3995	Senior Seminar
SOCI UN3996	Senior Seminar

SPRING 2020

SOCI UN1000 The Social World. 3 points.

Identification of the distinctive elements of sociological perspectives on society. Readings confront classical and

contemporary approaches with key social issues that include power and authority, culture and communication, poverty and discrimination, social change, and popular uses of sociological concepts.

Fall 2019: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/42383	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Teresa Sharpe	3	301/350

Spring 2020: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/16112	M W 11:40am - 12:55pm Room TBA	Adam Reich	3	300/300

SOCI UN3000 Social Theory. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Ethics and Values.

Prerequisites: Sophomore standing.

Required for all sociology majors. Prerequisite: at least one sociology course of the instructor's permission. Theoretical accounts of the rise and transformations of modern society in the 19th and 20th centuries. Theories studied include those of Adam Smith, Tocqueville, Marx, Durkheim, Max Weber, Roberto Michels. Selected topics: individual, society, and polity; economy, class, and status; organization and ideology; religion and society; moral and instrumental action.

Fall 2019: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/42225	M W 2:40pm - 3:55pm 330 River Side Church	Gil Eyal	3	49/60

Spring 2020: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	003/00668	T Th 2:40pm - 3:55pm Room TBA	Deborah Becher	3	61/70

SOCI UN3009 Contemporary Social Theory. 3 points.

This is a survey class that will familiarize students with the most important theoretical developments in post-war sociology.

Spring 2020: SOCI UN3009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3009	001/16171	M W 5:40pm - 6:55pm Room TBA	Andreas Wimmer	3	23/60

SOCI UN3010 Methods for Social Research. 4 points.

Prerequisites: SOCI UN1000 The Social World or Instructor Permission

Required for all Sociology majors. Introductory course in social scientific research methods. Provides a general overview of the ways sociologists collect information about social phenomena, focusing on how to collect data that are reliable and applicable to our research questions.

Fall 2019: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/42384	T Th 4:10pm - 5:25pm 313 Fayerweather	Maria Abascal	4	45/70

Spring 2020: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/00002	T Th 4:10pm - 5:25pm Room TBA	Amy Zhou	4	58/70

SOCI UN3011 METHODS FOR SOCIAL RESEARCH - DISC. 0 points.

Prerequisites: SOCI UN1000

Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

Fall 2019: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/42280	W 6:10pm - 7:00pm 302 Fayerweather	Timothy Ittner	0	21/35
SOCI 3011	002/42281	Th 6:10pm - 7:00pm 509 Knox Hall	Mireia Triguero Roura	0	23/35

Spring 2020: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/16172	W 6:10pm - 7:00pm Room TBA		0	11/30
SOCI 3011	002/16174	Th 6:10pm - 7:00pm Room TBA		0	10/30

SOCI UN3265 Sociology of Work and Gender. 3 points.

This course examines gender as a flexible but persistent boundary that continues to organize our work lives and our home lives, as well as the relationship between the two spheres. We will explore the ways in which gender affects how work is structured; the relationship between work and home; the household as a place of paid (and unpaid) labor; and how changes in the global economy affect gender and work identities.

Spring 2020: SOCI UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3265	001/16176	T Th 11:40am - 12:55pm Room TBA	Teresa Sharpe	3	99/150

SOCI UN3297 Sociology of Transnational Market Making. 4 points.

The course will introduce core theories and key concepts in economic and political sociology, plus international political economy to provide a broad overview about the debates linked to the coming about and development of transnational markets.

Classes are organized around three topics. We will start with the discussion of the works of classics like Weber, Durkheim and Polanyi on the emergence and evolution of national markets, followed by reading recent applications of the works of classics on the evolution of transnational markets. The third part of the course will explore the question of how can one apply these theoretical approaches to the study of the politics of the Single European Market and use their tools of analysis for the better understanding of the evolution of core-periphery relations in the EU.

Students taking this course will acquire the capacity for informed participation in debates on the politics of transnational market making. They will gain the analytical tools to start independent research on issues linked to the politics of economic integration in Europe

Spring 2020: SOCI UN3297

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3297	001/16177	T 10:10am - 12:00pm Room TBA	Laszlo Bruszt	4	17/20

SOCI UN3909 Deviance and Social Control. 4 points.

In this seminar, we will trace the historic shifts in causal theories of deviance and their significance for the societal response. The readings are classics of social research that have been of great historical impact. They range from the early focus on individual pathologies to sociological explanations, the most recent being attempts to understand deviance as a product of organization factors that result in harmful outcomes. Examples are Katrina, the 2008 financial crisis, and school shootings.

Spring 2020: SOCI UN3909

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3909	001/16183	W 2:10pm - 4:00pm Room TBA	Diane Vaughan	4	20/20

SOCI UN3915 Stigma and Discrimination. 4 points.

This course considers stigma and discrimination as general processes that apply to a broad range of phenomena, from mental illness to obesity to HIV/AIDS to racial groups. We will use a conceptual framework that considers power and social stratification to be central to stigma and discrimination. We will focus on both macro- and micro-level social processes and their interconnections, and we will draw on literature from both sociology and psychology.

Spring 2020: SOCI UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3915	001/16187	T 2:10pm - 4:00pm Room TBA	Mark Hatzenbuehler	4	20/20

SOCI UN3921 HIGHER EDUCATION AND INEQUALITY. 4 points.

Prerequisites: (SOCI UN1000)

Higher education in the U.S. is going through a period of rapid change. State support is shrinking, student debt is increasing,

full-time faculty are being replaced by adjuncts, and learning outcomes are difficult to measure, at best. This class will try to make sense of these changes. Among other questions, it will ask whether higher education is a source of social mobility or a means of class reproduction; how the college experience differs by race, class, and type of college attended; how the economics of higher education have led to more expensive college and more student loans; and how we might make college better. We will consider several different points of view on the current state of U.S. higher education: that of students who apply to and attend college, that of colleges and universities, and that of society at large. As part of this course, students will conduct research on their own universities: Columbia College or Barnard College.

Spring 2020: SOCI UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3921	001/16188	W 2:10pm - 4:00pm Room TBA	Teresa Sharpe	4	20/20

SOCI UN3926 Race, Place and the United States . 4 points.

The course analyzes the relationship between race/ethnicity and spatial inequality, emphasizing the institutions, processes, and mechanisms that shape the lives of urban dwellers. It surveys major theoretical approaches and empirical investigations of racial and ethnic stratification in several urban cities, and their concomitant policy considerations.

Fall 2019: SOCI UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3926	001/15483	T 6:10pm - 8:00pm 613 Hamilton Hall	Kristin Murphy	4	16/22

Spring 2020: SOCI UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3926	001/16189	M 4:10pm - 6:00pm Room TBA	Kristin Murphy	4	20/20

SOCI UN3937 Sociology of Human Rights. 4 points.

Sociology came to the study of human rights much later than law, philosophy, or political science. In this course, you'll learn (1) what constitutes a sociology of human rights and (2) what sociology, its classics, and its diverse methods bring to the empirical study and theory of human rights.

We'll explore the history, social institutions and laws, ideas, practices, and theories of human rights. We'll become familiar with the social actors, social structures, and relationships involved in practices such as violation, claims-making, advocacy, and protection. We'll consider how social, cultural, political, and economic forces affect human rights issues.

We'll learn about the questions sociologists ask, starting with the most basic (but far from simple) question, "what is a human right?"

We'll tackle key debates in the field, considering – for instance – whether human rights are universal and how human rights

relate to cultural norms/values, national sovereignty, and national security.

Finally, we'll apply the concepts we've learned to a wide range of issues (ex: how racial, ethnic, gender, and other social inequalities relate to human rights), rights (ex: LGBTQ rights, the rights of laborers, the rights of refugees), and cases (ex: enslavement, the separation of children from their families, circumcision, sterilization, the use of torture). We'll consider human rights cases in the United States and across the globe, and how events and actions in one place relate to human rights violations in another.

Fall 2019: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/17807	F 12:10pm - 2:00pm 309 Hamilton Hall	Rosemary McGunnigle-Gonzales	4	8/20

Spring 2020: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/16190	F 10:10am - 12:00pm Room TBA	Rosemary McGunnigle-Gonzales	4	20/20

SOCI UN3960 Law, Science, and Society. 4 points.

This course addresses basic contemporary social issues from several angles of vision: from the perspective of scientists, social scientists, legal scholars, and judges. Through the use of case studies, students will examine the nature of theories, evidence, "facts," proof, and argument as found in the work of scientists and scholars who have engaged the substantive issues presented in the course.

Spring 2020: SOCI UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3960	001/16192	M 10:10am - 12:00pm Room TBA	Jonathan Cole	4	20/20

SOCI UN3974 Sociology of Schools, Teaching and Learning. 4 points.

In this class we will examine the school as a central institution in modern society, and we will grapple with an important question in the sociology of education: what role to schools play in reinforcing or challenging broader patterns of social inequality? We will pay special attention to the ways in which students' class, race/ethnicity and gender shape their educational experiences. We will also look at how schools are organized, how schools construct differences among students, and how schools sort kids into different (and unequal) groups. Finally we will explore the types of interventions - at both the individual and organizational levels - that can mitigate inequality in educational achievement and help low-income students to succeed.

One such intervention that has shown promise is tutoring in academic and social and behavioral skills, and interventions that strengthen self-affirmation. A major component of this class is your experience as a tutor. You will be trained as tutors to work with students from local high schools both through in-

person tutoring and through tutoring using social networking technologies. Throughout the semester we will combine our academic learning with critical reflection on our experience in the field. Because you will be working with NYC high school students, we will pay special attention to how NYC high schools are organized and how current issues in education play out in the context of NYC schools.

Fall 2019: SOCI UN3974

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3974	001/13380	F 10:10am - 12:00pm 302 Hamilton Hall	Jacquelyn Duran	4	14/30

Spring 2020: SOCI UN3974

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3974	001/16194	F 10:10am - 12:00pm Room TBA	Jacquelyn Duran	4	30/30

SOCI UN3980 Immigrant New York: The Changing American City. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

How has immigration transformed New York City? What are the major ethnic groups in the city? How are immigrants and their U.S.-born children incorporated into the city's schools, workplaces and neighborhoods? How will their integration reshape patterns of ethnic and racial inequality in the city? This course will focus on New York City as a case study to highlight how immigration has transformed the city's demographic, political, socioeconomic and spatial landscape.

Spring 2020: SOCI UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3980	001/16275	W 6:10pm - 8:00pm Room TBA	Kristin Murphy	4	20/20

SOCI UN3981 Migration and Development. 4 points.

This is a seminar course on the social structure of migration—the movement of people from place to place—and its developmental consequences. The readings are organized by topic and include examples drawn from many countries, in order to highlight the commonality of migration processes across societies as well as specific societal differences that reflect national differences in social institutions, regional variations in economic development, etc. Papers concerned both with internal migration and international migration are included; as we will see, the apparent distinction between these two forms of migration—the presence of institutional barriers with respect to international migration and the supposed absence of such barriers with respect to internal migration—breaks down in societies that impose institutional constraints on internal migration: China, the former Soviet Union, and apartheid-era South Africa, among others.

Spring 2020: SOCI UN3981

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SOCI 3981	001/16253	Th 8:10am - 10:00am Room TBA	Yao Lu	4	7/20
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SOCI UN3996 Senior Seminar. 4 points.

Prerequisites: required methods and theory courses for the major, and the instructor's permission.

Students wishing to qualify for departmental honors must take W3996y. Students carry out individual research projects and write a senior thesis under the supervision of the instructor and with class discussion. Written and oral progress reports.

Fall 2019: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/42361	M 2:10pm - 4:00pm 509 Hamilton Hall	Adam Reich	4	11/18

Spring 2020: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/16195	T 2:10pm - 4:00pm Room TBA	Adam Reich	4	9/20

SOCI GU4701 CREATIVITY/TECH:WAR & COM. 4 points.

This course examines the ways that technological shifts have catalyzed innovation and social change in human societies. The focus is on the social basis for creativity. Analysis centers on the conflicts, disruptions and tensions that emerge in society when new and/or competing technologies are introduced. Students will explore two substantive spheres of social life. The first is war. Throughout recorded history, participants have sought to garner competitive advantages in battle via technological innovation. We look at several moments in which the development of a particular innovation helped bring about massive societal change. The second focus is on commerce. The class will examine the impact of digital technologies on those who work in creative industries undergoing transformation via technology and diffusion of tech-inspired ideas. The learning objectives for students are:

- To situate technology within a wider social and historical context.
- To consider creativity as a social activity, not only as individual aptitude.
- To place the contemporary period of so-called “fast paced technological progress” within a sociological framework of change and innovation.

Spring 2020: SOCI GU4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4701	001/16254	T 4:10pm - 6:00pm Room TBA	Sudhir Venkatesh	4	25/25

FALL 2019

SOCI UN1000 The Social World. 3 points.

Identification of the distinctive elements of sociological perspectives on society. Readings confront classical and contemporary approaches with key social issues that include power and authority, culture and communication, poverty and

discrimination, social change, and popular uses of sociological concepts.

Fall 2019: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/42383	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Teresa Sharpe	3	301/350

Spring 2020: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/16112	M W 11:40am - 12:55pm Room TBA	Adam Reich	3	300/300

SOCI UN1203 The Social Animal in the Digital Age. 3 points.

This course re-examines central theories and perspectives in the social sciences from the standpoint of digital technologies. Who are we in the digital age? Is the guiding question for the course. We consider the impact of modern technology on society including, forms of interaction and communication, possibilities for problem solving, and re-configurations of social relationships and forms of authority. The course integrates traditional social science readings with contemporary perspectives emerging from scholars who looking at modern social life.

The course is an introductory Sociology offering.

Fall 2019: SOCI UN1203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1203	001/10583	M W 11:40am - 12:55pm Ren Kraft Center	Sudhir Venkatesh	3	76/150

SOCI UN3000 Social Theory. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Ethics and Values.

Prerequisites: Sophomore standing.

Required for all sociology majors. Prerequisite: at least one sociology course of the instructor's permission. Theoretical accounts of the rise and transformations of modern society in the 19th and 20th centuries. Theories studied include those of Adam Smith, Tocqueville, Marx, Durkheim, Max Weber, Roberto Michels. Selected topics: individual, society, and polity; economy, class, and status; organization and ideology; religion and society; moral and instrumental action.

Fall 2019: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/42225	M W 2:40pm - 3:55pm 330 River Side Church	Gil Eyal	3	49/60

Spring 2020: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SOCI 3000	003/00668	T Th 2:40pm - 3:55pm Room TBA	Deborah Becher	3	61/70
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SOCI UN3001 Social Theory- DISC. 0 points.

Prerequisites: SOCI UN3000

Discussion section for Social Theory (SOCI UN3000).

Fall 2019: SOCI UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3001	001/17919	W 4:10pm - 5:00pm 1102 International Affairs Bldg	Nicholas Pang	0	26/30
SOCI 3001	002/17924	M 5:10pm - 6:00pm 606 Lewisohn Hall	Moyinoluwa Adetiba	0	19/30
SOCI 3001	003/18893	T 3:10pm - 5:00pm 501d Knox Hall	Daria Franklin	0	3/15

Spring 2020: SOCI UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3001	001/16941	W 4:10pm - 5:00pm Room TBA		0	7/35
SOCI 3001	002/16947	M 5:10pm - 6:00pm Room TBA		0	7/35

SOCI UN3010 Methods for Social Research. 4 points.

Prerequisites: SOCI UN1000 The Social World or Instructor Permission

Required for all Sociology majors. Introductory course in social scientific research methods. Provides a general overview of the ways sociologists collect information about social phenomena, focusing on how to collect data that are reliable and applicable to our research questions.

Fall 2019: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/42384	T Th 4:10pm - 5:25pm 313 Fayerweather	Maria Abascal	4	45/70

Spring 2020: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/00002	T Th 4:10pm - 5:25pm Room TBA	Amy Zhou	4	58/70

SOCI UN3011 METHODS FOR SOCIAL RESEARCH - DISC. 0 points.

Prerequisites: SOCI UN1000

Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

Fall 2019: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/42280	W 6:10pm - 7:00pm 302 Fayerweather	Timothy Ittner	0	21/35
SOCI 3011	002/42281	Th 6:10pm - 7:00pm 509 Knox Hall	Mireia Triguero Roura	0	23/35

Spring 2020: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/16172	W 6:10pm - 7:00pm Room TBA		0	11/30
SOCI 3011	002/16174	Th 6:10pm - 7:00pm Room TBA		0	10/30

SOCI UN3321 Global Urbanism Discussion Section. 0 points.
Discussion Section for "Global Urbanism" SOCI UN3324

Fall 2019: SOCI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3321	001/42349	M 3:10pm - 4:00pm 313 Pupin Laboratories	Seungwon Lee	0	24/24
SOCI 3321	002/42350	M 4:10pm - 5:00pm 409 International Affairs Bldg	Anthony Adams	0	16/24
SOCI 3321	003/42351	T 9:10am - 10:00am 201 80 Claremont	William Plews-Ogan	0	23/24
SOCI 3321	004/42352	T 3:10pm - 4:00pm 411 Hamilton Hall	Terrell Frazier	0	21/24
SOCI 3321	005/42353	W 4:10pm - 5:00pm Room TBA	Martin Barnay	0	20/24
SOCI 3321	006/42354	W 3:10pm - 4:00pm 224 Pupin Laboratories	Alexander Aleksanyan	0	25/24
SOCI 3321	007/42355	F 11:10am - 12:00pm 201 80 Claremont	Brittany Kenyon	0	16/24
SOCI 3321	008/42356	Th 4:10pm - 5:00pm C01 Knox Hall	Jonathan Cleveland	0	21/24

SOCI UN3324 Global Urbanism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Using classical texts about cities (do they still work for us?) and on the diverse new literatures on cities and larger subjects with direct urban implications, we will use a variety of data sets to get a detailed empirical information, and draw on two large ongoing research projects involving major and minor global cities around the world (a total of over 60 cities are covered in detail as of 2008). Students will need to register for a discussion section as well; details to be announced.

Fall 2019: SOCI UN3324

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3324	001/42347	M W 6:10pm - 7:25pm 301 Pupin Laboratories	Saskia Sassen	3	203/190

SOCI UN3900 Societal Adaptations to Terrorism. 4 points.

Prerequisites: Junior or Senior standing

Examines how countries have adjusted to the threat of terrorism. How the adaptation reflects the pattern of terrorist attacks, as well as structural and cultural features of the society. Adaptations by individuals, families, and organizational actors.

Fall 2019: SOCI UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SOCI 3900	001/42258	W 4:10pm - 6:00pm 501d Knox Hall	Seymour Spilerman	4	16/18
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SOCI UN3926 Race, Place and the United States. 4 points.

The course analyzes the relationship between race/ethnicity and spatial inequality, emphasizing the institutions, processes, and mechanisms that shape the lives of urban dwellers. It surveys major theoretical approaches and empirical investigations of racial and ethnic stratification in several urban cities, and their concomitant policy considerations.

Fall 2019: SOCI UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3926	001/15483	T 6:10pm - 8:00pm 613 Hamilton Hall	Kristin Murphy	4	16/22

Spring 2020: SOCI UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3926	001/16189	M 4:10pm - 6:00pm Room TBA	Kristin Murphy	4	20/20

SOCI UN3937 Sociology of Human Rights. 4 points.

Sociology came to the study of human rights much later than law, philosophy, or political science. In this course, you'll learn (1) what constitutes a sociology of human rights and (2) what sociology, its classics, and its diverse methods bring to the empirical study and theory of human rights.

We'll explore the history, social institutions and laws, ideas, practices, and theories of human rights. We'll become familiar with the social actors, social structures, and relationships involved in practices such as violation, claims-making, advocacy, and protection. We'll consider how social, cultural, political, and economic forces affect human rights issues.

We'll learn about the questions sociologists ask, starting with the most basic (but far from simple) question, "what is a human right?"

We'll tackle key debates in the field, considering – for instance – whether human rights are universal and how human rights relate to cultural norms/values, national sovereignty, and national security.

Finally, we'll apply the concepts we've learned to a wide range of issues (ex: how racial, ethnic, gender, and other social inequalities relate to human rights), rights (ex: LGBTQ rights, the rights of laborers, the rights of refugees), and cases (ex: enslavement, the separation of children from their families, circumcision, sterilization, the use of torture). We'll consider human rights cases in the United States and across the globe, and how events and actions in one place relate to human rights violations in another.

Fall 2019: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/17807	F 12:10pm - 2:00pm 309 Hamilton Hall	Rosemary McGunnigle-Gonzales	4	8/20

Spring 2020: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/16190	F 10:10am - 12:00pm Room TBA	Rosemary McGunnigle-Gonzales	4	20/20

SOCI UN3944 Work, Life, Time and Space: From the Factory to the Gig Economy. 4 points.

This 4-credit class will explore experiences and perspectives of work, life, and the often blurred boundary between them. We will focus on how work is situated in, and shaped through, space and time. We will begin with a set of theoretical and historical texts, and then turn to case studies of work and life. The goal is to understand and make sense of how work, and its relationship to home, has evolved historically and how it is experienced today. The theories of space, time, and work which we begin with provide frameworks for making sense of the varied cases we will explore.

The course as a whole will offer a lens for analyzing the world of work, along with the relationship between work and the rest of our lives. It may serve a springboard for you to tackle such questions as: What is the relationship between meaning and money, work time and leisure time? (Or, will I work to live or live to work?) How do historical and relatively fixed work temporalities and geographies compare to new structures of work? (or, what is my Uber driver's life like, and why is it so different from my grandfather's experience as a mail carrier?) What do changing structures of work mean for our future, in and beyond work? (or, will robots take all of our jobs? And if so, what should we do about it?)

SOCI UN3974 Sociology of Schools, Teaching and Learning. 4 points.

In this class we will examine the school as a central institution in modern society, and we will grapple with an important question in the sociology of education: what role to schools play in reinforcing or challenging broader patterns of social inequality? We will pay special attention to the ways in which students' class, race/ethnicity and gender shape their educational experiences. We will also look at how schools are organized, how schools construct differences among students, and how schools sort kids into different (and unequal) groups. Finally we will explore the types of interventions - at both the individual and organizational levels - that can mitigate inequality in educational achievement and help low-income students to succeed.

One such intervention that has shown promise is tutoring in academic and social and behavioral skills, and interventions that strengthen self-affirmation. A major component of this class is your experience as a tutor. You will be trained as tutors to work with students from local high schools both through in-person tutoring and through tutoring using social networking technologies. Throughout the semester we will combine our academic learning with critical reflection on our experience in the field. Because you will be working with NYC high school students, we will pay special attention to how NYC high schools are organized and how current issues in education play out in the context of NYC schools.

Fall 2019: SOCI UN3974

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3974	001/13380	F 10:10am - 12:00pm 302 Hamilton Hall	Jacquelyn Duran	4	14/30

Spring 2020: SOCI UN3974

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3974	001/16194	F 10:10am - 12:00pm Room TBA	Jacquelyn Duran	4	30/30

SOCI UN3995 Senior Seminar. 4 points.

Prerequisites: required methods and theory courses for the major, and the instructor's permission.

Students wishing to qualify for departmental honors must take UN3996. Students carry out individual research projects and write a senior thesis under the supervision of the instructor and with class discussion. Written and oral progress reports.

Fall 2019: SOCI UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3995	002/19138		Rosemary McGunnigle-Gonzales	4	1/5
SOCI 3995	041/17876		Jonathan Rieder	4	1/20

SOCI UN3996 Senior Seminar. 4 points.

Prerequisites: required methods and theory courses for the major, and the instructor's permission.

Students wishing to qualify for departmental honors must take W3996y. Students carry out individual research projects and write a senior thesis under the supervision of the instructor and with class discussion. Written and oral progress reports.

Fall 2019: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/42361	M 2:10pm - 4:00pm 509 Hamilton Hall	Adam Reich	4	11/18

Spring 2020: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/16195	T 2:10pm - 4:00pm Room TBA	Adam Reich	4	9/20

SOCI GU4043 WORKSHOP ON WEALTH & INEQUALITY. 1 point.

This Workshop is linked to the Workshop on Wealth & Inequality Meetings. This is meant for graduate students, however, if you are an advanced undergraduate student you can email the professor for permission to enroll.

Fall 2019: SOCI GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4043	001/42271	Th 2:00pm - 4:00pm 509 Knox Hall	Seymour Spilerman	1	5/20

SOCI GU4370 Processes of Stratification and Inequality. 3 points.

The nature of opportunity in American society; the measurement of inequality; trends in income and wealth inequality; issues of poverty and poverty policy; international comparisons.

Fall 2019: SOCI GU4370

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4370	001/42385	Th 4:10pm - 6:00pm 501d Knox Hall	Seymour Spilerman	3	13/18

SOCI GU4411 Politics and Society in Central Eastern Europe. 3 points.

The goal of the course is to discuss different approaches to the study of developmental pathways in Central and Eastern Europe (CEE) in a broad historical perspective drawing on various approaches from political science, sociology and economic history. Students participating in the seminars will get an overview on the various approaches to explaining divergence in political, social and economic developments between the Eastern and Western parts of Europe, and within the region. The course aims to establish a dialogue between three types of scholarships: one dealing with the pre-regime change developmental pathways in the region, another dealing with factors that could account for persistent post-communist and post-enlargement developmental divergence and a third one that deals with issues of backwardness and core-periphery relations in transnational and global perspective.

The course starts with a discussion of broad historical perspectives on East-West divergence in Europe. The second bloc deals with the various great transformations in the region: the remaking of states, politics and economies. The third bloc is devoted to the discussion of the transnationalization of states and economies in the region. Finally, the forth bloc deals with hybrid regimes and problems of democratic backsliding in the region.

Fall 2019: SOCI GU4411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4411	001/10178	Th 10:10am - 12:00pm 1219 International Affairs Bldg		3	5/20

SOCI GU4600 Mystifications of Social Reality . 4 points.

The late eighteenth and early nineteenth centuries were marked by the discovery of a new object of systematic inquiry in addition to Nature and the Individual: Society. First Economics, then Anthropology, Sociology, and Political Science developed strikingly new understandings of the actions, beliefs, and institutional arrangements of men and women in society, which were seen as obeying regular laws not derivable from, or reducible to, either the laws of nature or the laws of individual behavior. But these new disciplines, which came to be called the Social Sciences, were different from their predecessors in one fundamental and centrally important way: They revealed the study of society, and indeed society itself, to be mystified, ideologically encoded, shaped and distorted by the interests and

beliefs of men and women even though those living in society or studying it often were oblivious of this fact.

In this course we shall read in depth a series of texts by authors who explored the ideological mystifications of social reality in their disciplines. The goal of the course is not merely to inform students of these authors and their ideas but to strengthen the ability of students to understand their own involvement in, indeed complicity in, ideological mystification.

Fall 2019: SOCI GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4600	001/42275	T 2:10pm - 4:00pm 304 Hamilton Hall	Todd Gitlin, 4 Robert Wolff		19/20

OF RELATED INTEREST

African American Studies

AFAS GU4032	Image and Identity in Contemporary Advertising
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Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM W3950	Friendship in Asian and Western Civilization
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Journalism

JOUR UN3100	Journalism and Public Life
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Sociology (Barnard)

SOCI BC3087	Individual Projects for Seniors
SOCI BC3207	Music, Race and Identity
SOCI BC3214	Sociology of African American Life
SOCI BC3911	The Social Contexts of U.S. Immigration Law and Policy
SOCI BC3920	Advanced Topics in Gender and Sexuality
SOCI BC3932	Climate Change, Global Migration, and Human Rights in the Anthropocene
SOCI BC3935	Gender and Organizations

Women's and Gender Studies

WMST UN1001	Introduction to Women's and Gender Studies
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STATISTICS

The Statistics Department Office:

1005 School of Social Work (1255 Amsterdam Avenue);
212-851-2132
<http://www.stat.columbia.edu>

Statistics Major and Concentration Advising:

Ronald Neath, 612 Watson; 212-853-1398;
rcn2112@columbia.edu
Gabriel Young, 610 Watson; 212-853-1395;
gjy2107@columbia.edu (rcn2112@columbia.edu)

Data Science Major Advising:

Computer Science: Augustin Chaintreau, 610 CEPSR; 212-939-7082; augustin@cs.columbia.edu (cannon@cs.columbia.edu)

Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu

Statistics: Gabriel Young, 610 Watson; 212-853-1395; gjy2107@columbia.edu (rcn2112@columbia.edu)

Economics - Statistics Major Advising:

Economics: Susan Elmes, 1006 IAB; 212-854-9124; se5@columbia.edu

Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu

Statistics: Gabriel Young, 610 Watson; 212-853-1395; gjy2107@columbia.edu (rcn2112@columbia.edu)

Mathematics - Statistics Major Advising:

Mathematics: Julien Dubedat, 601 Mathematics; 212-854-8806; jd2653@columbia.edu

Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu

Statistics: Gabriel Young, 610 Watson; 212-853-1395; gjy2107@columbia.edu (rcn2112@columbia.edu)

Political Science - Statistic Major Advising:

Political Science: Alessandra Casella, 1030 IAB; 212-854-8059; acasella@columbia.edu (rys3@columbia.edu)

Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu

Statistics: Gabriel Young, 610 Watson; 212-853-1395; gjy2107@columbia.edu (rcn2112@columbia.edu)

Department Administrator:

Dood Kalicharan, 1003 School of Social Work; 212-851-2130; dk@stat.columbia.edu

The Department offers several introductory courses. Students interested in statistical concepts, who plan on consuming, but not creating statistics, should take STAT UN1001 Introduction to Statistical Reasoning. The course is designed for students who have taken a pre-calculus course, and the focus is on general principles. It is suitable for students seeking to satisfy the Barnard quantitative reasoning requirements. Students seeking an introduction to applied statistics should take STAT UN1101 Introduction to Statistics. The course is designed for students who have some mathematical maturity, but who may not have taken a course in calculus, and the focus is on the elements of data analysis. It is recommended for pre-med students, and students contemplating the concentration in statistics. Students seeking a foundation for further study of probability theory and statistical theory and methods should take STAT UN1201 Calculus-Based Introduction to Statistics. The course is designed for students who have taken a semester of college calculus or the equivalent, and the focus is on preparation for a mathematical study of probability and statistics. It is recommended for students seeking to complete the prerequisite for econometrics, and for students contemplating the major in statistics. Students seeking a one-semester calculus-based survey

of probability theory and statistical theory and methods should take STAT GU4001 Introduction to Probability and Statistics.

This course is designed for students who have taken calculus, and is meant as a terminal course. It provides a somewhat abridged version of the more demanding sequence STAT GU4203 PROBABILITY THEORY and STAT GU4204 Statistical Inference. While some mathematically mature students take the more demanding sequence as an introduction to the field, it is generally recommended that students prepare for the sequence by taking STAT UN1201 Calculus-Based Introduction to Statistics.

The Department offers the Major in Statistics, the Concentration in Statistics, and interdisciplinary majors with Computer Science, Economics, Mathematics, and Political Science. The concentration is suitable for students preparing for work or study where substantial skills in data analysis are valued and may be taken without mathematical prerequisites. The concentration consists of a sequence of six courses in applied statistics, but students may substitute statistics electives numbered 4203 or above with permission of the concentration advisors. The major consists of mathematical and computational prerequisites, an introductory course, and five core courses in probability theory and theoretical and applied statistics together with three electives.

The training in the undergraduate major is comparable to a masters degree in statistics.

Students may wish to consult the following guidelines when undertaking course planning. It is advisable to take STAT UN1101 Introduction to Statistics and STAT UN2102 Applied Statistical Computing before taking any of the more advanced concentration courses, STAT UN2103 Applied Linear Regression Analysis, STAT UN2104 Applied Categorical Data Analysis, STAT UN3105 Applied Statistical Methods, and STAT UN3106 Applied Data Mining. It is advisable to take STAT UN1201 Calculus-Based Introduction 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 Processes before embarking on STAT GU4262 Stochastic Processes for Finance, STAT GU4264 STOCHASTIC PROCESSES-APPLIC, 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 Statistical Computing and Introduction to Data Science, STAT GU4241 Statistical Machine Learning, and STAT GU4242 Advanced Machine Learning should be taken in sequence.

ADVANCED PLACEMENT

The Department offers three points of advanced credit for a score of 5 on the AP statistics exam. Students who are required to take an introductory statistics course for their major should check

with their major advisor to determine whether this credit provides exemption from their requirement.

DEPARTMENTAL HONORS

Students are considered for department honors on the basis of GPA and the comprehensiveness and difficulty of their course work in the Department. The Department is generally permitted to nominate one tenth of graduating students for departmental honors.

UNDERGRADUATE RESEARCH IN STATISTICS AND THE SUMMER INTERNSHIP

Matriculated students who will be undergraduates at Columbia College, Barnard College, the School of General Studies, or the School of Engineering and Applied Sciences may apply to the Department's summer internship program. The internship provides summer housing and a stipend. Students work with Statistics Department faculty mentors. Applicants should send a brief statement of interest and a copy of their transcript to Ms. Dood Kalicharan in the Statistics Department office by the end of March to be considered. If summer project descriptions are posted on the Department's website, please indicate in the statement of interest which project is of interest. Students seeking research opportunities with Statistics Department faculty during the academic year are advised to be entrepreneurial and proactive: identify congenial faculty whose research is appealing, request an opportunity to meet, and provide some indication of previous course work when asking for a project.

PROFESSORS

David Blei (with Computer Science)
 Mark Brown
 Richard R. Davis
 Victor H. de la Peña
 Andrew Gelman (with Political Science)
 Shaw-Hwa Lo
 David Madigan
 Liam Paninski
 Philip Protter
 Daniel Rabinowitz
 Michael Sobel
 Simon Tavaré
 Zhiliang Ying
 Ming Yuan
 Tian Zheng

ASSOCIATE PROFESSORS

John Cunningham
 Yang Feng
 Jingchen Liu
 Marcel Nutz
 Peter Orbanz
 Bodhisattva Sen

ASSISTANT PROFESSORS

Samory Kpotufe
 Arian Maleki
 Sumit Mukherjee
 Cynthia Rush

TERM ASSISTANT PROFESSORS

Marco Avella
 Ruimeng Hu
 Linxi Liu
 Thibault Vatter

ADJUNCT PROFESSORS

Demissie Alemayehu
 Flavio Bartmann
 Guy Cohen
 Regina Dolgoarshinnykh
 Anthony Donoghue
 Vincent Dorie
 Hammou El Barmi
 Xiaofu He
 Irene Hueter
 Ying Liu
 Ha Nguyen
 Michael Shnaidman
 Larry Wright
 Rongning Wu

LECTURERS IN DISCIPLINE

Banu Baydil
 Wayne Lee
 Ronald Neath
 David Rios
 Joyce Robbins
 Gabriel Young

MAJOR IN STATISTICS

The requirements for this program were modified in March 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

The major should be planned with the director of undergraduate studies. Courses in which the grade of D has been received do not count toward the major. The requirements for the major are as follows:

Mathematics and Computer Science Prerequisites

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN1201	Calculus III
MATH UN2010	Linear Algebra
One of the following five courses	

COMS W1007	Honors Introduction to Computer Science
ENGI E1006	Introduction to Computing for Engineers and Applied Scientists
COMS W1005	Introduction to Computer Science and Programming in MATLAB
STAT UN2102	Applied Statistical Computing
COMS W1004	Introduction to Computer Science and Programming in Java
Core courses in probability and statistics	
STAT UN1201	Calculus-Based Introduction to Statistics
STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models
STAT GU4206	Statistical Computing and Introduction to Data Science
STAT GU4207	Elementary Stochastic Processes
Three approved electives in statistics or, with permission, a cognate field.	

- Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 Linear Regression Models with STAT GU4282 Linear Regression and Time Series Methods, and should take as one of their electives STAT GU4281 Theory of Interest.
- Students preparing for graduate study in statistics are encouraged to replace two electives with MATH GU4061 Introduction To Modern Analysis I and MATH GU4062 Introduction To Modern Analysis II .

CONCENTRATION IN STATISTICS

Courses in which the grade of D has been received do not count towards the concentration. The requirements for the concentration are as follows.

STAT UN1101	Introduction to Statistics
STAT UN2102	Applied Statistical Computing
STAT UN2103	Applied Linear Regression Analysis
STAT UN2104	Applied Categorical Data Analysis
STAT UN3105	Applied Statistical Methods
STAT UN3106	Applied Data Mining

- Students may replace courses required for the concentration by approved Statistics Department courses.

MAJOR IN DATA SCIENCE

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The Statistics Department and the Department of Computer Science have

responded with a joint-major that emphasizes the interface between the disciplines.

Mathematical Prerequisites

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN1201	Calculus III
MATH UN2010	Linear Algebra

Statistics Required Courses

STAT UN1201	Calculus-Based Introduction 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 Data Mining
STAT GU4206	Statistical Computing and Introduction to 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	Introduction to Computing for Engineers and Applied Scientists
COMS W1007	Honors Introduction to Computer Science

And select one of the following courses:

COMS W3134	Data Structures in Java
COMS W3136	Data Structures with C/C++
COMS W3137	Honors Data Structures and Algorithms

Computer Science Required Courses

COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
CSOR W4231	Analysis of Algorithms I

Computer Science Electives

Select three of the following courses:

COMS W3261	Computer Science Theory
COMS W4236	Introduction to Computational Complexity
COMS W4252	Introduction to Computational Learning Theory
COMS W4111	Introduction to Databases

COMS W4130	Principles and Practice of Parallel Programming
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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. 390) 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.

The economics-statistics major requires a total of 59 points: 29 in economics, 15 points in statistics, 12 points in mathematics, and 3 points in computer science, as follows:

Economics Core Courses

Complete the Economics core courses.

Economics Electives

Select three electives at the 3000-level or above, of which no more than one may be a Barnard course.

Mathematics

Select one of the following sequences:

MATH UN1101	Calculus I
- MATH UN1101	and Calculus I
- MATH UN1201	and Calculus III
- MATH UN2010	and Linear Algebra

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1205	and Accelerated Multivariable
- MATH UN2010	Calculus and Linear Algebra

MATH UN1207	Honors Mathematics A
- MATH UN1208	and Honors Mathematics B

Statistics

STAT UN1201	Calculus-Based Introduction 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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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
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COMS W1005	Introduction to Computer Science and Programming in MATLAB
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COMS W1007	Honors Introduction to Computer Science
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ENGI E1006	Introduction to Computing for Engineers and Applied Scientists
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STAT UN2102	Applied Statistical Computing
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Seminar

ECON GU4918	Seminar In Econometrics
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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 MATHEMATICS-STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics; and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

Mathematics

Select one of the following sequences:

MATH UN1101	Calculus I
MATH UN1102	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 Calculus
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	Calculus-Based Introduction 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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And select one of the following courses:

STAT GU4207	Elementary Stochastic Processes
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STAT GU4262	Stochastic Processes for Finance
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STAT GU4264	STOCHASTIC PROCESSES-APPLIC
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	Introduction to Computing for Engineers and Applied Scientists
COMS W1007	Honors Introduction to Computer Science
or an advanced Computer Science offering in programming	

Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

- Students interested in modeling applications are recommended to take MATH UN3027 Ordinary Differential Equations and MATH UN3028 Partial Differential Equations
- Students interested in finance are recommended to include among their electives, MATH GR5010 Introduction to the Mathematics 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 Introduction To Modern Analysis I and MATH GU4062 Introduction To Modern Analysis II.
- Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 Linear Regression Models with STAT GU4282 Linear Regression and Time Series Methods, and to take among their electives STAT GU4281 Theory of Interest.

MAJOR IN POLITICAL SCIENCE–STATISTICS

The interdepartmental major of political science–statistics is designed for students who desire an understanding of political science to pursue advanced study in this field and who also wish to have at their command a broad range of sophisticated statistical tools to analyze data related to social science and public policy research.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

Political science–statistics students are eligible for all prizes reserved for political science majors.

The political science–statistics major requires a minimum of 15 courses in political science, statistics, and mathematics, to be distributed as follows:

Political Science

Students must choose a primary subfield to study. Within the subfield, students must take a minimum of three courses, including the subfield's introductory course. The subfields and their corresponding introductory courses are as follows:

American Politics:

POLS UN1201	Introduction To American Government and Politics
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Comparative Politics:

POLS UN1501	Introduction to Comparative Politics
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International Relations:

POLS UN1601	INTERNATIONAL POLITICS
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Political Theory:

POLS UN1101	Political Theory I
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Additionally, students must take a 4-point seminar in their primary subfield.

Research Methods

Students must take the following two research methods courses:

POLS GU4710	Principles of Quantitative Political Research
or POLS UN3704	Data Analysis and Statistics for Political Science Research
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	Calculus-Based Introduction to Statistics
STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models
STAT GU4206	Statistical Computing and Introduction to 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 Regression Analysis
STAT UN2104	Applied Categorical Data Analysis
STAT UN3105	Applied Statistical Methods
STAT UN3106	Applied Data Mining

Statistics elective:

Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

INTRODUCTORY COURSES

Students interested in statistical concepts, but who do not anticipate undertaking statistical analyses, should take STAT UN1001 Introduction to Statistical Reasoning. Students seeking an introduction to applied statistics or preparing for the concentration should take STAT UN1101 Introduction to Statistics (without calculus). Students seeking a foundation for further study of probability theory and statistical theory and methods should take STAT UN1201 Calculus-based Introduction to Statistics. Students seeking a one-semester calculus-based survey should take STAT GU4001 Introduction to Probability and Statistics. The undergraduate seminar STAT UN1202 features faculty lectures prepared with undergraduates in mind; students may attend without registering.

STAT UN1001 Introduction to Statistical Reasoning. 3 points.
CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

A friendly introduction to statistical concepts and reasoning with emphasis on developing statistical intuition rather than on mathematical rigor. Topics include design of experiments, descriptive statistics, correlation and regression, probability, chance variability, sampling, chance models, and tests of significance.

Fall 2019: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/48410	M W 10:10am - 11:25am 614 Schermerhorn Hall	Guy Cohen	3	122/120
STAT 1001	002/48415	T Th 8:40am - 9:55am 517 Hamilton Hall	Ronald Neath	3	55/86
STAT 1001	003/48416	M W 6:10pm - 7:25pm 517 Hamilton Hall	Anthony Donoghue	3	34/86

Spring 2020: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/46676	M W 10:10am - 11:25am Room TBA	Guy Cohen	3	86/86
STAT 1001	002/46677	T Th 10:10am - 11:25am Room TBA	Victor de la Pena	3	42/86
STAT 1001	003/46678	T Th 6:10pm - 7:25pm Room TBA	Anthony Donoghue	3	48/86

STAT UN1101 Introduction to Statistics. 3 points.
CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: intermediate high school algebra.

Designed for students in fields that emphasize quantitative methods. Graphical and numerical summaries, probability, theory of sampling distributions, linear regression, analysis of variance, confidence intervals and hypothesis testing. Quantitative reasoning and data analysis. Practical experience with statistical software. Illustrations are taken from a variety of fields. Data-collection/analysis project with emphasis on study designs is part of the coursework requirement.

Fall 2019: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/48411	M W 8:40am - 9:55am 517 Hamilton Hall	Banu Baydil	3	58/86
STAT 1101	002/10361	T Th 11:40am - 12:55pm 702 Hamilton Hall	Banu Baydil	3	76/86
STAT 1101	003/48412	M W 6:10pm - 7:25pm 602 Hamilton Hall	Ha Nguyen	3	47/86

Spring 2020: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/46713	M W 8:40am - 9:55am Room TBA	Banu Baydil	3	73/86
STAT 1101	002/46714	T Th 10:10am - 11:25am Room TBA	David Rios	3	60/86
STAT 1101	003/46715	T Th 6:10pm - 7:25pm Room TBA	Ha Nguyen	3	58/86

STAT UN1201 Calculus-Based Introduction to Statistics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: one semester of calculus.

Designed for students who desire a strong grounding in statistical concepts with a greater degree of mathematical rigor than in *STAT W1111*. Random variables, probability distributions, pdf, cdf, mean, variance, correlation, conditional distribution, conditional mean and conditional variance, law of iterated expectations, normal, chi-square, F and t distributions, law of large numbers, central limit theorem, parameter estimation, unbiasedness, consistency, efficiency, hypothesis testing, p-value, confidence intervals, maximum likelihood estimation. Serves as the prerequisite for *ECON W3412*.

Fall 2019: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201	001/48420	M W 11:40am - 12:55pm 602 Hamilton Hall	Sumit Mukherjee	3	67/86
STAT 1201	002/48422	T Th 8:40am - 9:55am 602 Hamilton Hall	Hammou ElBarmi	3	81/86

STAT 1201	003/48423	M W 10:10am - 11:25am 602 Hamilton Hall	Philip Protter	3	65/86
STAT 1201	004/48424	T Th 6:10pm - 7:25pm 602 Hamilton Hall	Samory Kpotufe	3	50/86

Spring 2020: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201	001/46671	M W 10:10am - 11:25am Room TBA	Hammou ElBarmi	3	66/86
STAT 1201	002/46672	M W 8:40am - 9:55am Room TBA	Joyce Robbins	3	79/86
STAT 1201	003/46673	T Th 8:40am - 9:55am Room TBA	Joyce Robbins	3	86/86
STAT 1201	004/46674	M W 6:10pm - 7:25pm Room TBA	David Rios	3	77/86

STAT UN1202 Undergraduate Seminar. 1 point.

Prerequisites: Previous or concurrent enrollment in a course in statistics would make the talks more accessible.

Prepared with undergraduates majoring in quantitative disciplines in mind, the presentations in this colloquium focus on the interface between data analysis, computation, and theory in interdisciplinary research. Meetings are open to all undergraduates, whether registered or not. Presenters are drawn from the faculty of department in Arts and Sciences, Engineering, Public Health and Medicine.

Fall 2019: STAT UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1202	001/48425	F 10:10am - 12:00pm 420 Pupin Laboratories	Ronald Neath, Gabriel Young	1	11/50

STAT GU4001 Introduction to Probability and Statistics. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Calculus through multiple integration and infinite sums.

A calculus-based tour of the fundamentals of probability theory and statistical inference. Probability models, random variables, useful distributions, conditioning, expectations, law of large numbers, central limit theorem, point and confidence interval estimation, hypothesis tests, linear regression. This course replaces SIEO 4150.

Fall 2019: STAT GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/48429	T Th 2:40pm - 3:55pm 501 Schermerhorn Hall	Ronald Neath	3	125/150

STAT 4001	002/48430	M W 5:40pm - 6:55pm 103 Jerome L Greene Hall	Tat Sang Fung	3	76/100
STAT 4001	003/13294	T Th 11:40am - 12:55pm 428 Pupin Laboratories	David Rios	3	39/100

Spring 2020: STAT GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/13714	T Th 1:10pm - 2:25pm Room TBA	Larry Wright	3	89/125
STAT 4001	002/13715	M W 6:10pm - 7:25pm Room TBA	Daniel Rabinowitz	3	100/120

APPLIED STATISTICS CONCENTRATION COURSES

The applied statistics sequence, together with an introductory course, forms the concentration in applied statistics. STAT UN2102 Applied statistical computing may be used to satisfy the computing requirement for the major, and the other concentration courses may be used to satisfy the elective requirements for the major. (Students who sat STAT GU4205 Linear Regression for the major would find that they have covered essentially all of the material in STAT UN2103 Applied Linear Regression Analysis.

STAT UN2102 Applied Statistical Computing. 3 points.

Corequisites: An introductory course in statistic (STAT UN1101 is recommended).

This course is an introduction to R programming. After learning basic programming component, such as defining variables and vectors, and learning different data structures in R, students will, via project-based assignments, study more advanced topics, such as recursion, conditionals, modular programming, and data visualization. Students will also learn the fundamental concepts in computational complexity, and will practice writing reports based on their statistical analyses.

Spring 2020: STAT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2102	001/46679	T Th 4:10pm - 5:25pm Room TBA	Wayne Lee	3	120/120

STAT UN2103 Applied Linear Regression Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: An introductory course in statistics (STAT UN1101 is recommended). Students without programming experience in R might find STAT UN2102 very helpful.

Develops critical thinking and data analysis skills for regression analysis in science and policy settings. Simple and multiple linear regression, non-linear and logistic models, random-effects models. Implementation in a statistical package. Emphasis on real-

world examples and on planning, proposing, implementing, and reporting.

Fall 2019: STAT UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2103	001/48426	M W 6:10pm - 7:25pm 702 Hamilton Hall	Daniel Rabinowitz	3	34/86

Spring 2020: STAT UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2103	001/16758	T Th 8:40am - 9:55am Room TBA	Wayne Lee	3	16/60

STAT UN2104 Applied Categorical Data Analysis. 3 points.

Prerequisites: STAT UN2103 is strongly recommended. Students without programming experience in R might find STAT UN2102 very helpful.

This course covers statistical models and methods for analyzing and drawing inferences for problems involving categorical data.

The goals are familiarity and understanding of a substantial and integrated body of statistical methods that are used for such problems, experience in analyzing data using these methods, and proficiency in communicating the results of such methods, and the ability to critically evaluate the use of such methods.

Topics include binomial proportions, two-way and three-way contingency tables, logistic regression, log-linear models for large multi-way contingency tables, graphical methods. The statistical package R will be used.

Spring 2020: STAT UN2104

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2104	001/46719	M W 11:40am - 12:55pm Room TBA	Ronald Neath	3	30/60

STAT UN3105 Applied Statistical Methods. 3 points.

Prerequisites: At least one, and preferably both, of STAT UN2103 and UN2104 are strongly recommended. Students without programming experience in R might find STAT UN2102 very helpful.

This course is intended to give students practical experience with statistical methods beyond linear regression and categorical data analysis. The focus will be on understanding the uses and limitations of models, not the mathematical foundations for the methods. Topics that may be covered include random and mixed-effects models, classical non-parametric techniques, the statistical theory causality, sample survey design, multi-level models, generalized linear regression, generalized estimating equations and over-dispersion, survival analysis including the Kaplan-Meier estimator, log-rank statistics, and the Cox proportional hazards regression model. Power calculations and proposal and report writing will be discussed.

Fall 2019: STAT UN3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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STAT 3105	001/48427	T Th 11:40am - 12:55pm 417 Mathematics Building	Wayne Lee	3	23/60
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STAT UN3106 Applied Data Mining. 3 points.

Prerequisites: STAT UN2103. Students without programming experience in R might find STAT UN2102 very helpful.

This course will be taught as a machine learning class. We will cover topics including data-based prediction, classification, specific classification methods (such as logistic regression and random forests), and basics of neural networks. Programming in homeworks will require R; students without programming experience in R might find STAT UN2102 helpful.

Spring 2020: STAT UN3106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3106	001/16760	T Th 2:40pm - 3:55pm Room TBA	Vincent Dorie	3	35/50

FOUNDATION COURSES

The calculus-based foundation courses for the core of the statistics major. These courses are GU4203 Probability Theory, GU4204 Statistical Inference, GU4205 Linear Regression, GU4206 Statistical Computing and Introduction to Data Science, and GU4207 Elementary Stochastic processes. Ideally, students would take Probability theory or the equivalent before taking either Statistical Inference or Elementary Stochastic Processes, and would have taken Statistical Inference before, or at least concurrently with taking Linear Regression Analysis, and would have taken Linear Regression analysis before, or at least concurrently, with taking the computing and data science course. A semester of calculus should be taken before Probability, additional semesters of calculus are recommended before Statistical Inference, and a course in linear algebra before Linear Regression is strongly recommended. For the more advanced electives in stochastic processes, Probability Theory is an essential prerequisite, and many students would benefit from taking Elementary Stochastic Processes, too. Linear Regression and the computing and data science course should be taken before the advanced electives in machine learning and data science. Linear Regression is a strongly recommended prerequisite, or at least co-requisite, for the remaining advanced statistical electives.

STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models
STAT GU4206	Statistical Computing and Introduction to Data Science
STAT GU4207	Elementary Stochastic Processes

ADVANCED STATISTICS COURSES

Advanced statistics courses combine theory with methods and practical experience in data analysis. Undergraduates enrolling in advanced statistics courses would be well-advised to have

completed STAT GU4203 (Probability Theory), GU4204 (Statistical Inference), and GU4205 (Linear Regression).

STAT GU4221 Time Series Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4205 or the equivalent.
Least squares smoothing and prediction, linear systems, Fourier analysis, and spectral estimation. Impulse response and transfer function. Fourier series, the fast Fourier transform, autocorrelation function, and spectral density. Univariate Box-Jenkins modeling and forecasting. Emphasis on applications. Examples from the physical sciences, social sciences, and business. Computing is an integral part of the course.

Fall 2019: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/48451	M W 7:40pm - 8:55pm 103 Jerome L. Greene Hall	Cristian Pasarica	3	4/35

Spring 2020: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/46681	M W 6:10pm - 7:25pm Room TBA	Li Haoran	3	16/25
STAT 4221	002/46682	T Th 7:40pm - 8:55pm Room TBA	Rongning Wu	3	13/25

STAT GU4222 Nonparametric Statistics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4204 or the equivalent.
Statistical inference without parametric model assumption. Hypothesis testing using ranks, permutations, and order statistics. Nonparametric analogs of analysis of variance. Non-parametric regression, smoothing and model selection.

Spring 2020: STAT GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4222	001/16769	M W 10:10am - 11:25am Room TBA	Marco Avella	3	7/25

STAT GU4223 Multivariate Statistical Inference. 0 points.

Prerequisites: STAT GU4205 or the equivalent.
Multivariate normal distribution, multivariate regression and classification; canonical correlation; graphical models and Bayesian networks; principal components and other models for factor analysis; SVD; discriminant analysis; cluster analysis.

Spring 2020: STAT GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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STAT 4223	001/46683	T Th 1:10pm - 2:25pm Room TBA	Banu Baydil	0	11/25
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STAT GU4224 Bayesian Statistics. 3 points.

Prerequisites: STAT GU4204 or the equivalent.
Bayesian data analysis: building, fitting, evaluating and improving probability models. Prior information, hierarchical models and combining information. Linear and nonlinear models. Simulation of fake data and evaluation of methods. Computing using R and Stan.

Fall 2019: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/48452	M W 1:10pm - 2:25pm 501 Northwest Corner	Banu Baydil	3	23/35

Spring 2020: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/16770	T Th 6:10pm - 7:25pm Room TBA	Banu Baydil	3	25/25

STAT GU4231 Survival Analysis. 0 points.

Prerequisites: STAT GU4205 or the equivalent.
Survival distributions, types of censored data, estimation for various survival models, nonparametric estimation of survival distributions, the proportional hazard and accelerated lifetime models for regression analysis with failure-time data. Extensive use of the computer.

STAT GU4232 Generalized Linear Models. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4205 or the equivalent.
Statistical methods for rates and proportions, ordered and nominal categorical responses, contingency tables, odds-ratios, exact inference, logistic regression, Poisson regression, generalized linear models.

Spring 2020: STAT GU4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4232	001/16771	M W 7:40pm - 8:55pm Room TBA	Michael Sobel	3	5/35

STAT GU4233 Multilevel Models. 3 points.

Not offered during 2019-20 academic year.

Prerequisites: STAT GU4205 or the equivalent.
Theory and practice, including model-checking, for random and mixed-effects models (also called hierarchical, multi-level models). Extensive use of the computer to analyse data.

STAT GU4234 Sample Surveys. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4204 or the equivalent.
Introductory course on the design and analysis of sample surveys. How sample surveys are conducted, why the designs are used, how to analyze survey results, and how to derive from first principles the standard results and their generalizations. Examples from public health, social work, opinion polling, and other topics of interest.

Fall 2019: STAT GU4234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4234	001/48453	M W 1:10pm - 2:25pm 310 Fayerweather	Rongning Wu	3	2/25

STAT GU4241 Statistical Machine Learning. 0 points.

Prerequisites: STAT GU4206.
The course will provide an introduction to Machine Learning and its core models and algorithms. The aim of the course is to provide students of statistics with detailed knowledge of how Machine Learning methods work and how statistical models can be brought to bear in computer systems - not only to analyze large data sets, but to let computers perform tasks that traditional methods of computer science are unable to address. Examples range from speech recognition and text analysis through bioinformatics and medical diagnosis. This course provides a first introduction to the statistical methods and mathematical concepts which make such technologies possible.

Spring 2020: STAT GU4241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4241	001/46685	T Th 2:40pm - 3:55pm Room TBA	Linxi Liu	0	35/35

STAT GU4261 Statistical Methods in Finance. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4205 or the equivalent.
A fast-paced introduction to statistical methods used in quantitative finance. Financial applications and statistical methodologies are intertwined in all lectures. Topics include regression analysis and applications to the Capital Asset Pricing Model and multifactor pricing models, principal components and multivariate analysis, smoothing techniques and estimation of yield curves statistical methods for financial time series, value at risk, term structure models and fixed income research, and estimation and modeling of volatilities. Hands-on experience with financial data.

Fall 2019: STAT GU4261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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STAT 4261	001/10362	F 10:10am - 12:55pm 428 Pupin Laboratories	Hammou ElBarmi	3	8/25
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Spring 2020: STAT GU4261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4261	001/16773	Sa 9:10am - 11:40am Room TBA	Zhiliang Ying	3	14/25

STAT GU4263 Statistical Inference and Time Series**Modelling. 3 points.**

Prerequisites: STAT GU4204 or the equivalent. STAT GU4205 is recommended. Modeling and inference for random processes, from natural sciences to finance and economics. ARMA, ARCH, GARCH and nonlinear models, parameter estimation, prediction and filtering. This is a core course in the MS program in mathematical finance.

Fall 2019: STAT GU4263

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4263	001/48447	T Th 6:10pm - 7:25pm 101 Jerome L Greene Hall	Li Haoran	3	0/35
STAT 4263	002/48448	Sa 10:10am - 12:40pm 614 Schermerhorn Hall	Irene Hueter	3	2/35

STAT GU4291 Advanced Data Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4205 and at least one statistics course numbered between GU4221 and GU4261.
This is a course on getting the most out of data. The emphasis will be on hands-on experience, involving case studies with real data and using common statistical packages. The course covers, at a very high level, exploratory data analysis, model formulation, goodness of fit testing, and other standard and non-standard statistical procedures, including linear regression, analysis of variance, nonlinear regression, generalized linear models, survival analysis, time series analysis, and modern regression methods. Students will be expected to propose a data set of their choice for use as case study material.

Fall 2019: STAT GU4291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/48460	F 5:10pm - 7:40pm 309 Havemeyer Hall	Demissie Alemayehu	3	0/25

Spring 2020: STAT GU4291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/46720	F 10:10am - 12:40pm Room TBA	Ronald Neath	3	25/25

ACTUARIAL SCIENCES COURSES

Only students preparing for a career in actuarial sciences should consider the courses in this section. Such students may also be interested in courses offered through the School of Professional Studies M.S. Program in Actuarial Science, but must check with the academic advisors in their schools to know whether they are allowed to register for those courses. Students majoring in statistics and preparing for a career in actuarial science may take STAT GU4282 (Regression and Time Series Analysis) in place of the major requirement STAT GU4205 (Linear Regression Analysis).

STAT GU4281	Theory of Interest
STAT GU4282	Linear Regression and Time Series Methods

ADVANCED DATA SCIENCE COURSES

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The Department offers a sequence that begins with the core course STAT GU4206 (Statistical Computing and Introduction to Data Science) and continues with the advanced electives GU4241 (Statistical Machine Learning) and GU4242 (Advanced Machine Learning), and also the advanced elective STAT GU4243 (Applied Data Science). Undergraduate students without experience in programming would likely benefit from taking the statistical computing and data science course before attempting GU4241, GU4242, or GU4243.

STAT GU4241	Statistical Machine Learning
STAT GU4242	Advanced Machine Learning
STAT GU4243	Applied Data Science
STAT GU4702	Exploratory Data Analysis and Visualization

ADVANCED STOCHASTIC PROCESSES COURSES

The stochastic processes electives in this section have STAT GU4203 (Probability Theory) or the equivalent as prerequisites. Most students would also benefit from taking STAT GU4207 (Elementary Stochastic Processes) before embarking on the more advanced stochastic processes electives.

STAT GU4262	Stochastic Processes for Finance
STAT GU4264	STOCHASTIC PROCESSES-APPLIC
STAT GU4265	Stochastic Methods in Finance

SUSTAINABLE DEVELOPMENT

Departmental Office: The Earth Institute, Office of Academic and Research Programs, Hogan, B-Level; <http://sdev.ei.columbia.edu>

Co-Directors of Undergraduate Studies:

Ruth DeFries, 212-851-1647; rd2402@columbia.edu
Jason Smerdon, 845-365-8493; jsmerdon@ldeo.columbia.edu

Program Administrators:

Natalie Unwin-Kuroneri, 212-854-8536; natalie@ei.columbia.edu
Cari Shimkus, 212-851-9350; cshimkus@ei.columbia.edu

Sustainable development is founded on the premise that human well-being should advance without irreparable harm to ecosystems and the vital services they provide, without depleting essential resources, and without posing risks to future generations. The term "sustainable" refers to managing the world's economy in a manner consistent with the continued healthy functioning of Earth's ecosystems, oceans, atmosphere and climate. In this context, "development" refers to continued social, political, and economic progress aimed at improving the well-being of the global community, especially for the poorest people.

ACADEMIC PROGRAMS

The Earth Institute—in collaboration with Columbia College, the School of General Studies, the School of International and Public Affairs, and the Departments of Earth and Environmental Science; Ecology, Evolution, and Environmental Biology; and Earth and Environmental Engineering—offers a major and a special concentration in sustainable development.

These programs are designed to: engage students in this emergent interdisciplinary discussion, provide knowledge of the theory and practice of sustainable development, stimulate a critical examination of historical and conceptual antecedents, provide experience in the complex challenges of sustainable development through direct engagement, and help them imagine alternative futures for our rapidly changing world. With help from the Earth Institute faculty, courses are specifically created to address the very real and complex issues of development as they relate to the interactions of the natural and social systems.

The major focuses heavily on the sciences and provides students with a working knowledge of issues on a range of interacting subject areas. After declaring the major, students are assigned an academic adviser from within the Earth Institute, who advises on class selection and career development. Students benefit from a support system of faculty, advisers, and program managers, and have access to the multitude of resources for internships, study abroad programs, and career development.

The special concentration is intentionally more flexible, but its structure allows students to benefit from the cross-disciplinary

courses and to build the expertise to allow them to address the fundamental issue of how to move towards a trajectory of sustainability.

The sustainable development program is structured to ensure that students graduate with the skills and knowledge to enable them to advance professionally in the public, private, governmental, and nonprofit sectors, and to pursue advanced degrees. Those interested in sustainable development are encouraged to participate in lectures, conferences, and other programs sponsored by the Earth Institute.

GRADING

A letter grade of C- or better is needed in all program-related courses in order to satisfy the program requirements.

SUSTAINABLE DEVELOPMENT FACULTY

Susana Adamo (Center for International Earth Information Network)

Satyajit Bose (School of International and Public Affairs)

Steve Cohen (The Earth Institute; School of International and Public Affairs)

Lisa Dale (The Earth Institute; Ecology, Evolution, and Environmental Biology)

Ruth DeFries (Ecology, Evolution, and Environmental Biology) (Co-Director)

Paul Gallay (Ecology, Evolution and Environmental Biology)

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)

Dara Mendeloff (Center for International Earth Science Information Network)

Rachel Moresky (Population and Family Health)

John Mutter (Earth and Environmental Sciences; School of International and Public Affairs)

Linda Pistolesi (Center for International Earth Science Information Network)

Robert Pollack (Biological Sciences)

Elliott Sclar (The Earth Institute; Architecture, Planning, and Preservation; School of International and Public Affairs)

Jason Smerdon (Lamont-Doherty Earth Observatory) (Co-Director)

Marni Sommer (Mailman School of Public Health)

Martin Stute (Lamont-Doherty Earth Observatory)

Phil Weinberg (Ecology, Evolution and Environmental Biology)

MAJOR IN SUSTAINABLE DEVELOPMENT

The sustainable development foundation courses should be taken first and students should then work with the program adviser on further course selection and sequencing.

The major in sustainable development requires a minimum of 15 courses and a practicum as follows:

Sustainable Development Foundation

SDEV UN1900	Introduction to Sustainable Development Seminar
SDEV UN2300	Challenges of Sustainable Development
EESC UN2330	Science for Sustainable Development

Basic Disciplinary Foundation

Select one of the following science sequences.

CHEM UN1403 - CHEM UN1404	General Chemistry I (Lecture) and General Chemistry II (Lecture)
EEEB UN2001 - EEEB UN2002	Environmental Biology I: Elements to Organisms and Environmental Biology II: Organisms to the Biosphere (EESC UN2310 is a co-requisite with EEEB UN2002)
EESC UN1600 - EESC UN2100	Earth Resources and Sustainable Development and Earth's Environmental Systems: The Climate System
EESC UN1600 - EESC UN2200	Earth Resources and Sustainable Development and Earth's Environmental Systems: The Solid Earth System
EESC UN1600 - EESC UN2300	Earth Resources and Sustainable Development and Earth's Environmental Systems: The Life System (EESC UN2310 is co-requisite with EESC UN2300)
EESC UN2100 - EESC UN2200	Earth's Environmental Systems: The Climate System and Earth's Environmental Systems: The Solid Earth System

EESC UN2100 Earth's Environmental Systems: The
- EESC UN2300 Climate System
and Earth's Environmental Systems:
The Life System (EESC UN2310 is
co-requisite with EESC UN2300)

EESC UN2200 Earth's Environmental Systems: The
- EESC UN2300 Solid Earth System
and Earth's Environmental Systems:
The Life System (EESC UN2310 is
co-requisite with EESC UN2300)

PHYS UN1201 General Physics I
- PHYS UN1202 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 UN2004 Introduction to Social and Cultural
Theory

ECON UN1105 Principles of Economics

POLS UN1501 Introduction to Comparative
Politics

POLS UN1601 INTERNATIONAL POLITICS

SDEV UN2000 Introduction to Environmental Law

SDEV UN2050 Environmental Policy and
Governance

SDEV UN3400 Human Populations and
Sustainable Development

SOCI UN1000 The Social World

Select one of the following quantitative foundations courses:

EEEB UN3005 Introduction to Statistics for
Ecology and Evolutionary Biology

EESC BC3017 Environmental Data Analysis

MATH UN2010 Linear Algebra

STAT UN1201 Calculus-Based Introduction to
Statistics

STAT UN2103 Applied Linear Regression Analysis

STAT UN3105 Applied Statistical Methods

STAT UN3106 Applied Data Mining

STAT GU4203 PROBABILITY THEORY

STAT GU4204 Statistical Inference

STAT GU4205 Linear Regression Models

STAT GU4207 Elementary Stochastic Processes

Analysis and Solutions to Complex Problems

Select two of the following courses:

CIEE E3260 Engineering for developing
communities

EAEE W4304 Closing the carbon cycle

ECIA W4100 Management and development of
water systems

EESC BC3032 Agricultural and Urban Land Use:
Human-Environment Interactions

EESC BC3045 Responding to Climate Change

EESC GU4600 Earth Resources and Sustainable
Development

PLAN A4579 Introduction to Environmental
Planning

PUBH UN3100 Fundamentals of Global Health

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 Urbanization and Sustainable
Development

SOCI BC3932 Climate Change, Global Migration,
and Human Rights in the
Anthropocene

URBS UN3565 Cities in Developing Countries:
Problems and Prospects

SDEV GU4250 Climate Change: Resilience and
Adaptation

The Summer Ecosystems Experience for Undergraduates
(SEE-U) *

Skills/Actions

Select two of the following courses:

EAEE E4257 Environmental data analysis and
modeling

EESC GU4050 Global Assessment and Monitoring
Using Remote Sensing

EESC BC3050 Big Data with Python: Python
for Environmental Analysis and
Visualisation

SDEV UN2320 Economic and Financial Methods
for Sustainable Development

SDEV UN3390 GIS for Sustainable Development

SDEV UN3450 Spatial Analysis and Modeling for
Sustainable Development

SDEV GU4015 Complexity Science

SOCI UN3010 Methods for Social Research

SUMA PS4100 Sustainability Management

SDEV GU4101 Qualitative Research Methods for
Sustainable Development

The Summer Ecosystems Experience for Undergraduates
(SEE-U) *

Practicum

Select one of the following courses:

INAF U4420 Oil, Rights and Development

SDEV UN3998 Sustainable Development
Independent Study

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 Development

SDEV GU4050 Essential Connections: US Water & Energy Policy in a Resource-Constrained World

SDEV GU4350 Public Lands in the American West

Capstone Workshop

SDEV UN3280 Workshop in Sustainable Development

SDEV W3550 Bangladesh: Life on a Tectonically Active Delta

* The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-point course can use 3 points towards the Complex Problems requirement and 3 points towards the Skills/Action requirement. If SEE-U is taken for 3 points, it can only count as one Complex Problems class.

** If choosing the senior thesis option to fulfill the elective requirements, students must take both courses in the senior thesis sequence.

*** For a full list of previously approved electives, please visit the sustainable development program website: <http://sdev.ei.columbia.edu/curriculum/major/>.

Not Please visit the Sustainable Development website for requirements:

Majors: <http://sdev.ei.columbia.edu/curriculum/major/>

SPECIAL CONCENTRATION IN SUSTAINABLE DEVELOPMENT

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

The sustainable development foundation courses should be taken first and students should then work with the program adviser on further course selection and sequencing.

The special concentration in sustainable development requires a minimum of 9 courses and a practicum as follows:

Sustainable Development Foundation

SDEV UN1900 Introduction to Sustainable Development Seminar

SDEV UN2300 Challenges of Sustainable Development

EESC UN2330 Science for Sustainable Development

Natural Science Systems

Select one of the following courses. NOTE--Associated Labs are also required:

CHEM UN1403 General Chemistry I (Lecture)

EEMB UN1001 Biodiversity

EEMB UN2002 Environmental Biology II: Organisms to the Biosphere (EESC UN2310 is co-requisite with EEMB UN2002)

EESC UN1003 Climate and Society: Case Studies

EESC UN1011 Earth: Origin, Evolution, Processes, Future

EESC UN1201 Environmental Risks and Disasters

EESC UN1600 Earth Resources and Sustainable Development

EESC UN2100 Earth's Environmental Systems: The Climate System

EESC UN2200 Earth's Environmental Systems: The Solid Earth System

EESC UN2300 Earth's Environmental Systems: The Life System (EESC UN2310 is co-requisite with EESC UN2300)

PHYS UN1201 General Physics I
- PHYS UN1291 and General Physics Laboratory

Human Science Systems

Select one of the following courses:

ANTH UN1002 The Interpretation of Culture

ANTH UN2004 Introduction to Social and Cultural Theory

ECON UN1105 Principles of Economics

POLS UN1501 Introduction to Comparative Politics

POLS UN1601 INTERNATIONAL POLITICS

SDEV UN2000 Introduction to Environmental Law

SDEV UN2050 Environmental Policy and Governance

SDEV UN3400 Human Populations and Sustainable Development

SOCI UN1000 The Social World

Analysis and Solutions to Complex Problems

Select two of the following courses:

CIEE E3260 Engineering for developing communities

EAEE W4304 Closing the carbon cycle

ECIA W4100 Management and development of water systems

EESC BC3032 Agricultural and Urban Land Use: Human-Environment Interactions

EESC BC3045 Responding to Climate Change

EESC GU4600 Earth Resources and Sustainable Development

PLAN A4579 Introduction to Environmental Planning

PUBH UN3100 Fundamentals of Global Health

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	Urbanization and Sustainable Development
SOCI BC3932	Climate Change, Global Migration, and Human Rights in the Anthropocene
URBS UN3565	Cities in Developing Countries: Problems and Prospects
The Summer Ecosystem Experiences for Undergraduates (SEE-U) *	
Skills/Actions	
Select one of the following courses:	
EAEE E4257	Environmental data analysis and modeling
EESC BC3050	Big Data with Python: Python for Environmental Analysis and Visualisation
EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
SCNC W3010	Science, technology and society
SDEV UN2320	Economic and Financial Methods for Sustainable Development
SDEV UN3390	GIS for Sustainable Development
SDEV UN3450	Spatial Analysis and Modeling for Sustainable Development
SDEV GU4015	Complexity Science
SDEV GU4101	Qualitative Research Methods for Sustainable Development
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:	
INAF U4420	Oil, Rights and Development
SDEV UN3998	Sustainable Development Independent Study
SUMA PS4310	Practicum in Innovation Sustainability Leadership
SUMA PS4734	Earth Institute Practicum
Capstone Workshop	
SDEV UN3280	Workshop in Sustainable Development
SDEV W3550	Bangladesh: Life on a Tectonically Active Delta

* The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-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.

Not Sustainable Development Website for Special Concentrators:
<http://sdev.ei.columbia.edu/curriculum/special-concentration/>

SDEV UN1900 Introduction to Sustainable Development Seminar. 1 Point.

Open to prospective sustainable development majors and concentrators only.

The course is designed to be a free flowing discussion of the principals of sustainable development and the scope of this emerging discipline. This course will also serve to introduce the students to the requirements of the undergraduate program in sustainable development and the content of the required courses in both the special concentration and the major. The focus will be on the breadth of subject matter, the multidisciplinary nature of the scholarship and familiarity with the other key courses in the program. Offered in the Fall and Spring.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60935	Jason Smerdon	T 11:40am - 12:55pm 227 Seeley W. Mudd Building
Spring 2020	001	12343	Jason Smerdon	T 11:40am - 12:55pm Room TBA

SDEV UN2000 Introduction to Environmental Law. 3 Points.

The course provides an overview of environmental law for students without a legal background. It examines U.S. statutes and regulations regarding air, water, hazardous and toxic materials, land use, climate change, endangered species, and the like, as well as international environmental issues. After completing the course students should be equipped to understand how the environmental laws operate, the role of the courts, international treaties and government agencies in implementing environmental protection, and techniques used in addressing these issues.

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12492	Philip Weinberg	M W 10:10am - 11:25am Room TBA

SDEV UN2050 Environmental Policy and Governance. 3 Points.

Sustainability is a powerful framework for thinking about business, economics, politics and environmental impacts. An overview course, Environmental Policy & Governance will focus specifically on the policy elements of sustainability. With an emphasis on the American political system, the course will begin by exploring the way the American bureaucracy addresses environmental challenges. We will then use the foundations established through our understanding of the US system to study sustainable governance at the international level. With both US and international perspectives in place, we will then address a range of specific sustainability issues including land use, climate change, food and agriculture, air quality, water quality, and energy. Over the course of the semester, we will study current events through the lens of sustainability policy to help illustrate course concepts and theories.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60936	Lisa Dale	M W 11:40am - 12:55pm

233 Seeley W.
Mudd Building

SDEV UN2300 Challenges of Sustainable Development. 3 Points.

This course provides an introduction to the field of sustainable development, drawing primarily from social science and policy studies. It offers a critical examination of the concept of sustainable development, showing how factors like economics, population, culture, politics and inequality complicate its goals. Students will learn how different social science disciplines (political science, demography, economics, geography, history, law, and sociology) approach challenges of sustainable development across a variety of topics (fisheries, climate change, air pollution, consumption, energy, conservation, and water management). The course provides students with some of the fundamental concepts, vocabulary, and analytical tools to pursue and think critically about sustainable development. Offered in the Spring.

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12493	Lisa Dale	M W 8:40am - 9:55am Room TBA

SDEV UN2320 Economic and Financial Methods for Sustainable Development. 3 Points.

Prerequisites: Principles of Economics and one semester of calculus.

The objective of this course is to introduce students to the skills and methods necessary to understand and evaluate the economic and financial aspects of sustainable development. Throughout the course, students will compare competing objectives and policies through the prism of economic & financial reasoning. Environmental economics and finance are broad areas covering all the multi-faceted and complex interactions between the economic system and the natural environment. Financial markets are the primary source of signals used to direct economic activity in a capitalist global economy. Economic activity is the primary determinant of the quality and sustainability of the natural environment. Students interested in sustainable development who are unfamiliar with economics and who do not develop a facility with economic and financial concepts are severely handicapped in their efforts to increase the level of environmental responsibility embedded in economic activity. This course is intended to provide students with a flying introduction to key analytical concepts required to understand topics in environmental economics and finance and to introduce them to selected topics within the field. The first part of the course (the Analytical Toolbox) is designed to provide a set of portable skills for two sets of students: a) those who will work in fields specifically devoted to sustainable development who, as part of their work, will need to engage with sources of economic & financial information and with discourses where sustainable development is not a focus; and b) students who may end up following careers in organizations where sustainability is not the primary objective. The topics and readings in the second part of the course were chosen to facilitate a critical engagement with the broad intellectual framework underlying sustainable

development from the perspective of economics and finance. The topics are intended to create a community of intellectual discourse on sustainable development that will spill over beyond the classroom to the conversations of students and alumni that will far outlive graduation. Offered in the Fall.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60937	Satyajit Bose	M W 4:10pm - 5:25pm 424 Kent Hall

SDEV UN3280 Workshop in Sustainable Development. 4 Points.

Open to sustainable development seniors only.

The upper level undergraduate Sustainable Development Workshop will be modeled on client based graduate-level workshops, but with more time devoted to methods of applied policy analysis and issues in Sustainable Development. The heart of the course is the group project on an issue of sustainable development with a faculty advisor providing guidance and ultimately grading student performance. Students would receive instruction on methodology, group work, communication and the context of policy analysis. Much of the reading in the course would be project-specific and identified by the student research teams. Offered in Fall and Spring. For registration issues contact Cari Shimkus (cshimkus@ei.columbia.edu).

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60938	Joyce Klein Rosenthal	T Th 2:10pm - 4:00pm 717 Havemeyer Hall
Fall 2019	002	60939	Radley Horton	T Th 12:10pm - 2:00pm 402 Hamilton Hall
Spring 2020	001	12498	Joyce Klein Rosenthal	T Th 4:10pm - 6:00pm Room TBA
Spring 2020	002	12499	Radley Horton	T Th 12:10pm - 2:00pm Room TBA

SDEV UN3310 Ethics of Sustainable Development. 3 Points.

Aiming to improve human conditions within many diverse environments, sustainable development seeks to create, increase and perpetuate benefit and to cease, rectify and reverse harm. Sustainable development is consequently inextricable from the fabric of ethics, woven with determinations of benefit and harm to the existence and well-being of both humans and nonhumans. Underlying such determinations are those of self- and other-regarding motivation and behavior; and underlying these are still others, of sensitivity and rationality in decision-making, whether individual, social or public. Sustainable development is interlaced with and contingent upon all these determinations, at once prescriptive and judgmental, which can be called the ethics of sustainable development. This course is divided into four main sections, of which two are intended to show the ethical fallacies of unsustainable development, and two, the ethical pathways of sustainable development. The first section focuses

upon ethically problematic basic assumptions, including human (species) hegemony, happy (hedonic) materialism, and selective (data) denial. The second focuses upon ethically problematic ensuing rationalizations, including those pertaining to damages, victims, consequences and situations of climatic, chemical, biological and ecological harm. The third section responds to these rationalizations with ethically vital considerations of earth justice, environmental justice, culturally-based ethics, and sector-based ethics (water, food, place and climate ethics). Finally, the fourth section responds to the initial, longstanding problematic assumptions with a newly emergent ethical paradigm, comprising biotic wholeness, environmental integrity and the deliberative zero-goal. Tying all sections together is the central theme: to be sustainable, development must be ethical. Reflecting the collaborative quality of the field of sustainable development, the course extends to readings whose authors have all pursued their work at intersections of science and ethics, environment and ethics, policy and ethics, business and ethics, and sustainable development and ethics.

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12500	Adela Gondek	T Th 1:10pm - 2:25pm Room TBA

SDEV UN3330 Ecological and Social Systems for Sustainable Development. 3 Points.

Prerequisites: SDEV UN2300 Challenges of Sustainable Development and EESC UN2330 Science for Sustainable Development.

The course focuses on basic principles in understanding ecological and social relationships and then focuses on three current topics central to Sustainable Development for in-depth study. Examples of topics to be covered are: conservation of biodiversity, payments for ecosystem services, and the ecology of food production. The emphasis will be on the multiple perspectives— environmental, social and economic—required to understand and develop solutions to problems in sustainable development. These topics will undoubtedly vary from year to year, as the course keeps pace with current topics.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60940	Ruth DeFries	M W 6:10pm - 7:25pm 316 Hamilton Hall

SDEV UN3355 Climate Change and Law. 3 Points.

Enrollment limited to 15.

The purpose of this course is to provide students with a broad introduction to the field of climate law in the United States and at the international level. The course begins with an overview of the causes and effects of global climate change and the methods available to control and adapt to it. We then examine the negotiation, implementation and current status of the United Nations Framework Convention on Climate Change, the Kyoto Protocol, and the Copenhagen Accord. The focus then turns to the past and proposed actions of the U.S. Congress, the

executive branch and the courts, as well as regional, state and municipal efforts. The Clean Air Act, the National Environmental Policy Act and the Endangered Species Act will receive special attention. We evaluate the various legal tools that are available to address climate change, including cap-and-trade schemes; carbon taxation; command-and-control regulation; litigation; securities disclosures; and voluntary action. The roles of energy efficiency, renewable energy sources, carbon capture and sequestration, and forestry and agriculture each receive close attention. Implications for international human rights, international trade, environmental justice, and international and intergenerational equity are discussed. The course concludes with examination of the special challenges posed by China; proposals for adaptation and geoengineering; and business opportunities and the role of lawyers. Offered in the Spring.

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12501	Michael Gerrard	W 6:30pm - 7:30pm Room TBA
Spring 2020	001	12501	Michael Gerrard	T Th 9:10am - 10:30am Room TBA

SDEV UN3360 Disasters and Development. 3 Points.

Prerequisites: *EESC 2330; SDEV W2300.*

Human welfare status is very unevenly distributed throughout the globe – some of us live very comfortable lives, others remain in desperate poverty showing little progress away from their condition. Between are countries that are rapidly developing and converging toward the welfare of the richest. At all levels of economic development human activities place significant pressure on the environment and threatens all of Earth's vital functions and support systems for human life. This challenge requires timely responses based on solid understanding of the human/environment interface, technological and economic approaches to mitigate adverse effects on the environment, and routes to understanding the complex dynamics of the coupled human/natural systems that can chart a pathway to improvement in the lives of the poorest and continued well-being for those who have achieved prosperity without forcing natural systems into decline or massive fluctuation. This course offers undergraduate students, for the first time, a comprehensive course on the link between natural disaster events and human development at all levels of welfare. It explores the role that natural disasters might have and have had in modulating development prospects. Any student seriously interested in sustainable development, especially in light of climate change, must study the nature of extreme events - their causes, global distribution and likelihood of future change. This course will cover not only the nature of extreme events, including earthquakes, hurricanes, floods and droughts but also their transformation into disaster through social processes. It will ultimately help students to understand the link between such extreme events, the economic/social shock they represent and development outcomes. The course will combine careful analysis of the natural and social systems dynamics that give rise to disasters and examine through group learning case studies from

the many disasters that have occurred in the first decade of the 21st century. Offered in the Spring (odd years only).

SDEV UN3366 Energy Law. 3 Points.

This course concerns the regulation of energy, energy resources, and energy facilities. Among the topics will be the regulation of rates and services; the roles of the Federal Energy Regulatory Commission and the state public utility commissions; and the interaction with environmental law. Attention will be devoted to energy resources (such as oil, natural gas and coal) and to generating, transmission and distribution facilities. The current and future roles of renewable energy, energy efficiency, and nuclear energy will receive special attention, as will the regulation and deregulation of electricity.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60941	Michael Gerrard	T 4:20pm - 6:10pm 102b Jerome L. Greene Hall
Fall 2019	001	60941	Michael Gerrard	Th 6:00pm - 7:00pm 114 Knox Hall
Fall 2019	001	60941	Michael Gerrard	W 7:30pm - 8:30pm Room TBA

SDEV UN3390 GIS for Sustainable Development. 3 Points.

Priority given to sustainable development senior and juniors.

This course is designed to provide students with a comprehensive overview of theoretical concepts underlying GIS systems and to give students a strong set of practical skills to use GIS for sustainable development research. Geographic Information Systems (GIS) are a system of computer software, data and analysis methods used to create, store, manage, digital information that allow us to create maps and dynamic models to analyze the physical and social processes of the world. Through a mixture of lectures, readings, focused discussions, and hands-on exercises, students will acquire an understanding of the variety and structure of spatial data and databases, gain knowledge of the principles behind raster and vector based spatial analysis, and learn basic cartographic principles for producing maps that effectively communicate a message. Student will also learn to use newly emerging web based mapping tools such as Google Earth, Google Maps and similar tools to develop on-line interactive maps and graphics. The use of other geospatial technologies such as the Global Positioning System will also be explored in this class. Case studies examined in class will draw examples from a wide ranges of GIS applications developed to assist in the development, implementation and evaluation of sustainable development projects and programs. On completion of the course, students will: 1. use a variety of GIS software programs to create maps and reports; 2. develop a sound knowledge of methods to search, obtain, and evaluate a wide variety of spatial data resources; 3. develop skills needed to determine best practices for managing spatial data resources; 4. use GIS to analyze the economic, social and environmental processes underlying the concept of building a sustainable world; 5. Gain an understanding of the limits of these

technologies and make assessments of uncertainty associated with spatial data and spatial analysis models. Offered in the fall and spring.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60942	Kytt MacManus	M 10:10am - 11:25am 252 Engineering Terrace
Fall 2019	001	60942	Kytt MacManus	W 10:10am - 12:25pm 252 Engineering Terrace
Spring 2020	001	12502	Kytt MacManus, Linda Pistolesi	M 1:10pm - 2:25pm Room TBA
Spring 2020	001	12502	Kytt MacManus, Linda Pistolesi	W 1:10pm - 3:25pm Room TBA

SDEV UN3400 Human Populations and Sustainable Development. 3 Points.

Population processes and their outcomes in terms of population size and distribution have a fundamental role in sustainable development and also broad policy implications. This course will introduce students to the scientific study of human populations as a contribution toward understanding social structure, relations, and dynamics, as well as society-nature interactions. The aim is to offer a basic introduction to the main theories, concepts, measures, and uses of demography. The course will cover the issues of population size, distribution and composition, and consumption, at different scales from global to regional to local, as well as the implications for population-environment relationships. It will also address the fundamental demographic processes of mortality, fertility and migration, including their trends and transitions. We will consider these topics in the context of economic development, sustainability and cultural change. The course will also include an overview of basic demographic techniques and tools used for identifying, managing, analyzing and interpreting population data, and an introduction to population projections. Lab sessions will supplement readings and lectures by enabling students to explore data sources, calculate rates, and graphically represent demographic data. Offered in the Fall (even years).

SDEV UN3410 Urbanization and Sustainable Development. 3 Points.

The first decade of the 21st century marked the first time in human history when more of world's population lived in urban as distinct from rural places. It is impossible to achieve sustainable development in a physical, social or economic manner absent an understanding of the powerful and interdependent relationship between these concepts of sustainability and urbanization. This course explores this vital nexus. Students will gain a more detailed understanding of the ways in which urban life provides opportunities and challenges for addressing climate change, access to water and energy efficiency, among other topics. The intention is to provide students majoring in Sustainable Development with an historic and contemporary understanding of the connections between the process of urbanization that now dominates the

world and the range of ways in which that process, directly and indirectly, shapes the challenge of sustainable development. Offered in the Fall (even years).

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12503	Siobhan Watson, Elliott Sclar	W 6:10pm - 8:00pm Room TBA

SDEV UN3450 Spatial Analysis and Modeling for Sustainable Development. 3 Points.

Priority given to sustainable development senior and juniors.

This is an intermediate course in spatial modeling developed specifically for students in the undergraduate Sustainable Development program. This course will provide a foundation for understanding a variety of issues related to spatial analysis and modeling. Students will explore the concepts, tools, and techniques of GIS modeling and review and critique modeling applications used for environmental planning and policy development. The course will also offer students the opportunity to design, build and evaluate their own spatial analysis models. The course will cover both vector and raster based methods of analysis with a strong focus on raster-based modeling. Participants will also learn how to develop and publish online maps, spatial applications, metadata, and mobile Apps in a geodatabase environment to support fieldwork research and geospatial data gathering and analysis. Course registration includes online mapping user license and credits to store, analyze, and serve geospatial data and apps. We will draw examples from a wide range of applications in such areas as modeling Land Use and Land Cover for biodiversity and conservation, hydrological modeling, and site suitability modeling. The course will consist of lectures, reading assignments, lab assignments, and a final project. **Students must register for required lab: SDEV W3452.**

SDEV UN3998 Sustainable Development Independent Study. 1-3 Points.

Sustainable development majors and special concentrators must register for this independent study to use internship hours for the practicum credit. Students must consult with their program adviser and department before registering. Offered fall, spring and summer.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60943	Ruth DeFries, Cari Shimkus	
Spring 2020	001	12504	Cari Shimkus, Ruth DeFries	

SDEV GU4015 Complexity Science. 3 Points.

The Complexity Course is a survey of techniques, applications, and implications of complexity science and complex systems. This course aims to be both an introduction for students from other fields, and a forum for continued discussion within the complexity community. Topics include systems dynamics, chaos, scaling, fat-tailed distributions, fractals, information theory, emergence, criticality, agent-based models, graph theory, and social networks.

SDEV GU4050 Essential Connections: US Water & Energy Policy in a Resource-Constrained World . 3 Points.

Course Summary:

Water, one of humankind's first power sources, remains critically important to the task of maintaining a sustainable energy supply, in the United States and elsewhere. Conversely, the need to provide safe drinking water and keep America's rivers clean cannot be met without access to reliable energy supplies. As the impact of climate disruption and other resource constraints begins to mount, the water/energy nexus is growing increasingly complex and conflict-prone.

Essential Connections begins by examining the development of America's water and energy policies over the past century and how such policies helped to shape present-day environmental law and regulation. Our focus then turns to the current state of US water and energy resources and policy, covering issues such as oil and gas exploration, nuclear energy, hydroelectric power and renewables. We also examine questions of inclusion and equity in connection with the ways in which communities allocate their water and energy resources and burdens along racial, ethnic and socioeconomic lines. The third and final section of the course addresses the prospects for establishing water and energy policies that can withstand climate disruption, scarcity and, perhaps most importantly, America's seemingly endless appetite for political dysfunction.

By semester's end, students will better understand the state of America's energy and water supply systems and current efforts to cope with depletion, climate change and related threats affecting these critical, highly-interdependent systems. As a final project, students will utilize the knowledge gained during the semester to create specific proposals for preserving and enhancing the sustainability of US water and energy resources.

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12505	Paul Gally	M 6:10pm - 8:00pm Room TBA

SDEV GU4101 Qualitative Research Methods for Sustainable Development. 3 Points.

Students of sustainable development are faced with an array of global challenges that warrant scholarly inquiry. Social science questions are particularly well suited for qualitative research. This course will provide an overview of social science research methods, with a focus on building a toolkit for undergraduate students. We begin with an overview of the science of knowing. How do we generate scientific hypotheses in the social sciences, and then how can we find out whether those hypotheses are accurate? An exploration of a range of qualitative research methods will occupy the majority of our class time, including interviewing, case studies, questionnaires, surveys, coding, and participant observation. Toward the end of the course we consider how mixed methods allow for the integration of quantitative tools in the social sciences. Throughout, students will both study and practice these research methods, experimenting to better understand the strengths and challenges associated with each approach. The course will end with

poster presentations in which students share their own research and justify the methods they have employed.

Term	Section	Call Number	Instructor	Times/Location
Fall 2019	001	60944	Lisa Dale	T 4:10pm - 6:00pm 201a Philosophy Hall

SDEV GU4250 Climate Change: Resilience and Adaptation. 3 Points.

For much of recent history, climate change policy has focused on mitigation. Reducing emissions and shifting our energy sources away from fossil fuels, for example, are actions that could slow the pace of climate change. But since human populations are vulnerable to baseline climate, and the climate is already changing, policy-makers have also begun to address adaptation. This course will explore dimensions of climate adaptation across sectors and scales. With a thematic focus on pervasive global inequities, students will also consider challenges associated with international development and disaster risk management. An inter-disciplinary framework will enrich the course, and students will learn about perspectives from the natural sciences, law, architecture, anthropology, humanitarian aid, and public policy.

SDEV GU4350 Public Lands in the American West. 3 Points. Course Description:

Environmental issues in the American West are dramatically different from the rest of the country due in large part to the prevalence of public lands. Most western states have a land base that is at least 35% public, and competing interests vie for limited resources and navigate a complex bureaucracy. This course will focus on the federal agencies authorized to make management decisions across those lands: the U.S. Forest Service, U.S. Bureau of Land Management, U.S. Park Service, and others. We will explore the legal and regulatory framework that guides land use decisions, and study enduring resource access conflicts. Pulling from both academic scholarship and the gray literature in political science, environmental sciences, law, and organizational behavior, this course provides an interdisciplinary overview of governance challenges in the American West.

Organized into four parts, the course will unfold as follows. Part I reviews the theory and origins of our public lands system. We will explore political and ecological history, as well as contributions from psychology and anthropology that help flesh out the layered values associated with the collective choice to remove so much land from the private estate. Part II brings us to the nuts and bolts of the system, and we will learn about the agencies responsible for managing public lands with a focus on the National Park Service, the U.S. Forest Service, and the Bureau of Land Management. Laws and regulations that guide these agencies will also be covered in this section of the course. Part III will focus on stakeholders, including environmental groups, industry groups, local communities, and, indeed, American taxpayers. With so many competing interests, these groups have been active participants in management, and we will consider the various tactics these groups use to advance their goals. Part IV brings

everything together in a more detailed study of key controversies on public lands, including energy development, recreation access, Wilderness designation, wildfire management, and endangered species management

Term	Section	Call Number	Instructor	Times/Location
Spring 2020	001	12507	Lisa Dale	T Th 2:40pm - 3:55pm Room TBA

OF RELATED INTEREST

Analysis of Climate and Earth Systems

EESC BC3017	Environmental Data Analysis
EESC GU4008	Introduction to Atmospheric Science
EESC GU4917	Earth/Human Interactions
EESC GR6901	Research Computing for the Earth Sciences

Disasters and Health

ANTH V3924	Anthropology and Disaster
ANTH V3971	Culture and Environmental Behavior
INAF U6760	Managing Risk in Natural and Other Disasters

Economics

ECON UN2257	Global Economy
ECON BC3029	Empirical Development Economics
ECON UN3211	Intermediate Microeconomics
ECON UN3213	Intermediate Macroeconomics
ECON GU4301	Economic Growth and Development
ECON GU4370	Political Economy
ECON GU4500	International Trade
ECON G4527	Economic Organization and Development of China
ECON W4625	Economics of the Environment
SUMA PS4190	Economics of Sustainability Management

Energy and Engineering

ANTH V3872	From Physics Labs to Oil Futures: Social Studies of Energy
INAF U6242	Energy Policy
INAF U8778	Distributed Energy Economics, Technology, and Policy
EAEE E3103	Energy, minerals and materials systems
CIEE E4252	Foundations of Environmental Engineering
EAEE E4001	Industrial ecology of earth resources
EAEE E3900	Undergraduate research in Earth and environmental engineering

Food, Health and Ecology

EEEB UN3087	Conservation Biology
EEEB W4122	Fundamentals of Ecology and Evolution

EEEB GU4260	Food, Ecology, and Globalization
HSPB W3950	Social History of American Public Health
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SOCI V2230	Food and the Social Order
SUMA PS4235	The Science of Urban Ecology
SUMA PS 5030	Hungry City Workshop
Law, Policy and Human Rights	
EEEB GU4321	Human Nature: DNA, Race & Identity
EEEB GU4700	Race: The Tangled History of a Biological Concept
ENVP U6236	Origins of Environmental Law: Regulation & Evolution
HIST W4400	Americans and the Natural World, 1800 to the Present
HRTS UN3001	Introduction to Human Rights
HRTS BC3850	Human Rights and Public Health
POLS BC3805	*Colloquium on International Organization
INAF U4545	Contemporary Diplomacy
INAF U6243	International Environmental Policy
JWST G4610	Environment and Sustainability in Israel â€œ Between the Local and the Regional
SCNC W3010	Science, technology and society
SDEV UN3310	Ethics of Sustainable Development
SDEV GU4350	Public Lands in the American West
SOCI UN3020	Social Statistics
SOCI UN3235	Social Movements
SOCI UN3324	Global Urbanism
SOCI UN3960	Law, Science, and Society
POLS V3212	Environmental Politics
REGN U6639	Gender and Development in Southeast Asia
POLS UN3604	War, Peace, and International Interventions in Africa
POLS UN3690	International Law
CGTH UN3402	Topics in Global Thought: Global 20-Youth in an Interconnected World
Urban Studies/Urbanization	
URBS V3200	Spatial Analysis: GIS Methods and Urban Case Studies
URBS UN3565	Cities in Developing Countries: Problems and Prospects
PLAN A4579	Introduction to Environmental Planning
SUMA PS4130	Sustainable Cities
SUMA PS4330	Disaster Risk Management and Sustainable Urban Resilience
SUMA PS4490	Women in Cities: Integrating Needs, Rights, Access and Opportunity into Sustainable Urban Design, Planning and Management

Waste Management and Pollution	
EAAE E4009	Geographic information systems (GIS) for resource, environmental and infrastructure management
EAAE E4150	Air pollution prevention and control
EAAE E4160	Solid and hazardous waste management
EAAE E4257	Environmental data analysis and modeling
EESC BC3033	Waste Management
CIEE E3255	Environmental control and pollution reduction systems
Water	
EAAE E4350	Planning and management of urban hydrologic systems
EEEB W4110	Coastal and Estuarine Ecology
EEEB GU4195	Marine Conservation Ecology
ECIA W4100	Management and development of water systems
CIEE E3250	Hydrosystems engineering
CIEE E4163	Sustainable Water Treatment and Reuse
SDEV GU4050	Essential Connections: US Water & Energy Policy in a Resource-Constrained World

SUMA PS4145

URBAN STUDIES

Urban Studies at Columbia (<http://urban.barnard.edu/>)Columbia Adviser: Prof. Amy Chazkel; ac2227@columbia.edu

713 Milstein Learning Center

212-854-4073

Department Assistant: Valerie Coates

MISSION

The Barnard–Columbia Urban Studies program enables students to explore and understand the urban experience in all of its richness and complexity. It recognizes the city as an amalgam of diverse peoples and their social, political, economic, and cultural interactions within a distinctive built environment. Students study the evolution and variety of urban forms and governance structures, which create opportunities for, as well as constrain, the exercise of human agency, individual and collective. They explore the place of the city in different historical and comparative contexts, as well as in the human imagination.

Majors build an intellectual foundation that combines interdisciplinary coursework and a concentration of study within a single field. Through the two-semester junior colloquium, students study urban history and contemporary issues, and at the same time hone their interdisciplinary, analytical and research skills. This shared experience prepares them for their independent

research project in their senior year. We encourage our majors to use New York City as a laboratory, and many courses draw on the vast resources of the city and include an off-campus experience.

STUDENT LEARNING OUTCOMES

Having successfully completed the major in Urban Studies, the student will be able to:

- Apply concepts or methods from more than one social science or adjacent discipline to analyze an urban issue or problem.
- Describe the distinctive social, cultural, and spatial features of cities and illustrate their impacts on the urban experience.
- Apply basic skills of empirical reasoning to an urban problem.
- Explain how the idea of the city varies in different historical and comparative contexts.
- Demonstrate familiarity with a particular disciplinary approach to the city as an object of study.
- Demonstrate understanding of the history and variety of urban forms and governance structures.
- Articulate a well-defined research question, conduct independent research using primary sources and a variety of theoretical and methodological approaches, and write a substantive research paper.
- Communicate ideas effectively in written or oral form.
- Organize and present group research projects.

Director: Gergely Baics (History and Urban Studies)

Associate Director: Aaron Passell (Urban Studies)

Columbia College Advisor: Amy Chazkel, Bernard Hirschhorn
Associate Professor of Urban Studies

Urban Studies Faculty

Assistant Professors: Gergely Baics (History and Urban Studies), Deborah Becher (Sociology), Mary Rocco (Term, Urban Studies)

This program is supervised by the Committee on Urban Studies:

Director: Aaron Passell (Sociology)

Professor of Professional Practice: Karen Fairbanks (Chair, Architecture)

Columbia College Advisor: Amy Chazkel (History)

Professors: Ester Fuchs (International and Public Affairs, CU), Kenneth T. Jackson (History), Jose Moya (History), Elliot Sclar (Urban Planning and Public Policy), David Weiman (Economics)

Associate Professor: Randall Reback (Economics), Samuel Roberts (History and Sociomedical Sciences).

Assistant Professors: Gergely Baics (History), Deborah Becher (Sociology), Catherine Fennell (Anthropology), Maria Rivera Maulucci (Education), Van Tran (Sociology)

MAJOR IN URBAN STUDIES

The major in urban studies is comprised of six curricular requirements:

Requirement A: Urban-Related Social Sciences (3 courses)

One course dealing primarily with urban subject matter from each of three of the following disciplines: Anthropology, Economics, History, Political Science, Sociology. For students declaring a major in Urban Studies after Spring 2018, one of the three courses must be History.

Many courses offered through Urban Studies may count towards Requirement A. For example, URBS UN3420 Introduction to Urban Sociology counts as a Sociology course, URBS UN3550 Community Building and Economic Development counts as a Political Science course, etc. Students must complete at least two of the Requirement A courses before taking the Junior Seminar (see Requirement E, below). It is recommended that majors fulfill this requirement before their junior year.

Requirement B: Urban-Related Non-Social Science (1 course)

One course dealing primarily with urban subject matter from a discipline not listed above (such as Architecture, Art History, English, Environmental Science, etc.)

Requirement C: Methods of Analysis (1 course)

One course in methods of analysis, such as URBS UN3200 Spatial Analysis: GIS Methods and Urban Case Studies.

Requirement D: Specialization (5 courses)

Five or more courses in a specialization from one of the participating departments. Barnard College students can double-count one A, B, or C course toward this requirement (only one of five), with the approval of the Director; Columbia College and General Studies students cannot double-count courses. Barnard majors also have specific requirements for each specialization, which are outlined in detail on the program's website, urban.barnard.edu (<http://urban.barnard.edu/>).

Requirement E: Junior Seminar (2 courses)

URBS UN3545	Junior Seminar: The Shaping of the Modern City	4
URBS UN3546	Junior Colloquium: Contemporary Urban Issues	4

Requirement F: Senior Seminar (2 courses)

A senior thesis written in conjunction with a two-semester research seminar, chosen from the following four options:

URBS UN3992 - URBS UN3993	Senior Seminar: The Built Environment and Senior Seminar: The Built Environment	8
URBS UN3994 - URBS UN3995	Senior Seminar: New York Field Research and Senior Seminar: New York Field Research	8
URBS UN3996 - URBS UN3997	Senior Seminar: International Topics in Urban Studies and Senior Seminar: International Topics in Urban Studies	8

A research seminar in the department of specialization. This option must be approved by the Program Director.

A complete list and courses that fulfill requirements A–E can be found on the program's website, urban.barnard.edu (<http://urban.barnard.edu/>).

Appropriate substitutions may be made for courses listed above with the approval of the Program Director.

There is no concentration in urban studies.

URBS UN2200 Introduction to GIS. 3 points.

Prerequisites: Must attend first class for instructor permission. Due to the high demand for our limited-enrollment spatial analysis course (URBS V3200) the Urban Studies program is offering an introductory course to the fundamentals of GIS (Geographic Informational Systems), specifically for non-majors. Students create maps using ArcGIS software, analyze the physical and social processes presented in the digital model, and use the data to solve specific spatial analysis problems. Note: this course does fulfill the C requirement in Urban Studies.

Fall 2019: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/09852	T Th 10:10am - 11:25am Room TBA	Christian Siener	3	23/24
URBS 2200	002/09853	M W 10:10am - 11:25am Room TBA	Alisa Rod	3	21/24

Spring 2020: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/00197	T Th 10:10am - 11:25am Room TBA	Christian Siener	3	25/24

URBS UN3420 Introduction to Urban Sociology. 3 points.

Prerequisites: Students must attend first class.

Examines the diverse ways in which sociology has defined and studied cities, focusing on the people who live and work in the city, and the transformations U.S. cities are undergoing today. Sociological methods, including ethnography, survey research, quantitative studies, and participant observation will provide perspectives on key urban questions such as street life, race, immigration, globalization, conflict, and redevelopment.

Spring 2020: URBS UN3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3420	001/00199	T Th 11:40am - 12:55pm Room TBA	Aaron Passell	3	46/50

URBS UN3450 Neighborhood and Community Development. 3 points.

New York City is made up of more than 400 neighborhoods. The concept of neighborhoods in cities has had many meanings and understandings over time. Equally complex is the concept of community used to describe the people attached to or defined by neighborhood. While neighborhood can be interpreted as a spatial, social, political, racial, ethnic, or even, economic unit; community often refers to the group of stakeholders (i.e. residents, workers, investors) whose interests directly align with the conditions of their environment. Community development is “a process where these community members come together to take collective action and generate solutions to common problems” that result from the changing contexts in their neighborhoods. Using a variety of theories and approaches, residents organize themselves or work with community development practitioners on the ground to obtain safe, affordable housing, improve the public realm, build wealth, get heard politically, develop human capital, and connect to metropolitan labor and housing markets. To address the ever-changing contexts of neighborhoods, community development organizations are taking on new roles and adapting (in various cases) to larger forces within the city, region and nation such as disinvestment, reinvestment, increased cultural diversity, an uncertain macroeconomic environment, and changes in federal policy.

For more than a century, city-dwellers—and especially New Yorkers—have been tackling these challenges. This course will examine both historic and contemporary community building and development efforts, paying special attention to approaches which were shaped by New York City. This urban center, often described as a “city of neighborhoods,” has long been a seedbed for community-based problem-solving inventions. The course will focus on the theories (why?), tools (how?), and actors (who?) within the field of community development practice and is organized around important sectors (housing, economic development, food systems, arts), case studies, and contested concepts (public participation, social capital, public space).

Spring 2020: URBS UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3450	001/00200	M W 11:40am - 12:55pm Room TBA	Mary Rocco	3	40/40

URBS UN3315 Metropolitcs of Race and Place. 3 points.

Prerequisites: Students must attend first class.

This class explores how racism and racialized capitalism and politics shape the distribution of material resources among cities and suburbs in metropolitan areas and the racial and ethnic groups residing in them. Readings and discussion focus

on the history of metropolitan area expansion and economic development, as well as contemporary social processes shaping racial and ethnic groups' access to high-quality public goods and private amenities. We address racial and ethnic groups' evolving political agendas in today's increasingly market-driven socio-political context, noting the roles of residents; federal, state, and local governments; market institutions and actors; urban planners, activist organizations, foundations, and social scientists, among others. Here is a sample of specific topics: race/ethnicity and who "belongs" in what "place;" inequitable government and market investment across racial and ethnic communities over time and "sedimentation effects" (for example, the "redlining" of Black communities leading to their inability to access loan and credit markets and the resulting wealth gap between Blacks and Whites); gentrification processes; creating sufficient, sustainable tax bases; and suburban sprawl. Assignments will include two short response papers, mid-term and final exams, and another project to be determined.

Spring 2020: URBS UN3315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3315	001/00198	T Th 1:10pm - 2:25pm Room TBA	Angela Simms	3	40/40

URBS UN3310 Race, Space, and Urban Schools. 3 points.

Many people don't think of themselves as having attended segregated schools. And yet, most of us went to schools attended primarily by people who looked very much like us. In fact, schools have become more segregated over the past 30 years, even as the country becomes increasingly multiracial. In this class, we will use public schools as an example to examine the role race plays in shaping urban spaces and institutions. We will begin by unpacking the concept of racialization, or the process by which a person, place, phenomenon, or characteristic becomes associated with a certain race. Then, we will explore the following questions: What are the connections between city schools and their local contexts? What does it mean to be a "neighborhood school"? How do changes in neighborhoods change schools? We will use ethnographies, narrative non-fiction, and educational research to explore these questions from a variety of perspectives. You will apply what you have learned to your own experiences and to current debates over urban policies and public schools. This course will extend your understanding of key anthropological and sociological perspectives on urban inequality in the United States, as well as introduce you to critical theory.

Spring 2020: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	001/00414	M 10:10am - 12:00pm Room TBA	Chandler Miranda	3	39/35

URBS UN3350 ENVIRONMENT, CLIMATE CHANGE AND VULNERABILITY OF CITIES: OUR NEW "NORMAL". 3 points.

Urban experts face one of the greatest challenges in the history of urbanization: the multidimensional environmental crisis unfolding on our planet. Policymakers have responded by formulating the "sustainable development model" as an option to be implemented in our growing cities. Popularized by the 1987 United Nations' report "Our Common Future," commonly known as the "Brundtland Report," the term "sustainable development" has acquired different meanings and contents depending on its socio-economic context and its historical moment. This course will explore what urban sustainability means today in light of the climate change crisis from a gender and intersectional perspective. What can urban experts do to respond to urgent consequences of environmental deterioration in both industrialized and less industrialized world regions? What are the proper interventions to mitigate the burden on vulnerable social groups of phenomena such as: weather extremes, displacement, interethnic and social conflicts, food insecurity, and spread of diseases, among others? By examining case studies and applied methodologies we will analyze how climate change impacts different social groups in our cities, identifying adaptation and mitigation strategies being currently implemented. Tools to apply climate change scientific data will be provided. Students will have the opportunity to study and engage in climate change action platforms, such as the Conference of the Parties to the United Nations Framework Convention on Climate Change.

Spring 2020: URBS UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3350	001/00696	M W 1:10pm - 2:25pm Room TBA	Marcela Tovar	3	40/40

URBS UN3546 Junior Colloquium: Contemporary Urban Issues. 4 points.

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section.

Evaluation of current political, economic, social, cultural and physical forces that are shaping urban areas.

Spring 2020: URBS UN3546

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3546	001/00201	T 4:10pm - 6:00pm Room TBA	Marcela Tovar	4	8/15

HIST UN3277 History of Urban Crime and Policing in Latin America in Global Perspective. 4 points.

This seminar will examine the social construction of criminality and the institutions that developed to impose and enforce the criminal law as reflections of Latin American society throughout the region's history, with a particular emphasis on the rise of police forces as the principal means of day-to-day urban governance. Topics include policing and urban slavery; policing the urban "underworld"; the changing cultural importance of police in

urban popular culture; the growth of scientific policing methods, along with modern criminology and eugenics; policing and the enforcement of gender norms in urban public spaces; the role of urban policing in the rise of military governments in the twentieth century; organized crime; transitional justice and the contemporary question of the rule of law; and the transnational movement of ideas about and innovations in policing practice. In our readings and class discussions over the course of the semester, we will trace how professionalized, modern police forces took shape in cities across the region over time. This course actually begins, however, in the colonial period before there was anything that we would recognize as a modern, uniformed, state-run police force. We will thus have a broad perspective from which to analyze critically the role of police in the development of Latin American urban societies—in other words, to see the police in the contemporary era as contingent on complex historical processes, which we will seek to understand.

Spring 2020: HIST UN3277

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3277	001/12257	T 4:10pm - 6:00pm Room TBA	Amy Chazkel	4	16/15

URBS UN3993 Senior Seminar: The Built Environment. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring. Emphasizes the study of the built environment of cities and suburbs, and the related debates. Readings, class presentations, and written work culminate in major individual projects, under the supervision of faculty trained in architecture, urban design, or urban planning.

Spring 2020: URBS UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3993	001/00202	W 4:10pm - 6:00pm Room TBA	Aaron Passell	4	8/12
URBS 3993	002/00203	W 4:10pm - 6:00pm Room TBA	Mary Rocco	4	11/13
URBS 3993	003/00204	W 4:10pm - 6:00pm Room TBA	Christian Siener	4	10/12

URBS UN3997 Senior Seminar: International Topics in Urban Studies. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring. A year-long research seminar for students who wish to conduct a senior thesis project that focuses on cities outside of the United States. Topics relating to the rapid urbanization of Latin America, Africa, and Asia are particularly welcome. Seminar meetings will include discussion of relevant readings, as well as occasional class presentations and peer-editing assignments.

Spring 2020: URBS UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3997	001/00206	W 4:10pm - 6:00pm Room TBA	Marcela Tovar	4	8/12

URBS UN3995 Senior Seminar: New York Field Research. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. (available at <http://urban.barnard.edu/forms-and-resources>). Year-long course; participation is for two consecutive terms. No new students admitted for spring.

Using New York City as a research laboratory, under the guidance of the faculty coordinator, students clarify basic theoretical issues related to their chosen research problem; find ways of making a series of empirical questions operational; collect evidence to test hypotheses; analyze the data using a variety of social science techniques; and produce reports of basic findings.

Spring 2020: URBS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3995	001/00711	W 4:10pm - 6:00pm Room TBA	Chandler Miranda	4	6/12

VISUAL ARTS

Departmental Office: 310 Dodge; 212-854-4065

<http://arts.columbia.edu/visual-arts> (<http://arts.columbia.edu/visual-arts/>)

Director of Undergraduate Studies: Prof. Tomas Vu-Daniel, tv4@columbia.edu

Director of Academic Administration: Carrie Gundersdorf; cg2817@columbia.edu

Manager of Academic Administration: Laura Mosquera; lm3004@columbia.edu

The Visual Arts Program in the School of the Arts offers studio art classes as a component of a liberal arts education and as a means to an art major, concentration, and joint major with the Art History and Archaeology Department.

REGISTRATION

Visual Arts courses are open for on-line registration. If a Visual Arts class is full, visit arts.columbia.edu/undergraduate-visual-arts-program (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

DECLARING A MAJOR IN VISUAL ARTS

The Visual Arts Undergraduate Program requires a departmental signature when declaring a major. After meeting with their college academic adviser, students should set up a meeting to consult

with the director of undergraduate studies, Professor Tomas Vu-Daniel. Please email Carrie Gundersdorf (cg2817@columbia.edu) or Laura Mosquera (lm3004@columbia.edu) for the current Requirements Worksheet for the Visual Arts Major, Art History and Visual Arts Interdepartmental Major or Visual Arts Concentration.

PROFESSORS

Gregory Amenoff
 Susanna Coffey (1 Year Appointment for 2019-20)
 Jon Kessler
 Sarah Sze
 Rirkrit Tiravanija
 Tomas Vu-Daniel (Director of Undergraduate Studies)

ASSOCIATE PROFESSORS

Matthew Buckingham (Chair)
 Shelly Silver

ASSISTANT PROFESSORS

Gabo Camnitzer (1 Year Appointment for 2019-20)
 Renee Cox (1 Year Appointment for 2019-20)
 Dana DeGiulio (1 Year Appointment for 2019-20), (Director of Graduate Studies)
 Nicola López
 Leeza Meksin
 Aliza Nisenbaum

GUIDELINES FOR ALL VISUAL ARTS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

A maximum of 12 credits from other degree-granting institutions may be counted toward the major, only with the approval of the director of undergraduate studies.

MAJOR IN VISUAL ARTS

A total of 35 points are required as follows:

Visual Arts (32 points)

VIAR UN1000	Basic Drawing (formerly VIAR R1001)
VIAR UN2300 or VIAR UN2200	Sculpture I Ceramics I
Five additional VIAR 3-point studio courses (15 points)	
VIAR UN3800	Seminar in Contemporary Art Practice
Senior Thesis consists of the following four courses:	
VIAR UN3900 - VIAR UN3910	Senior Thesis I and Visiting Critic I (formerly VIAR R3901 and VIAR R3921)
VIAR UN3901 - VIAR UN3911	Senior Thesis II and Visiting Critic II

Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:

AHIS UN2405	Twentieth-Century Art (formerly AHIS W3650)
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Senior Thesis

Before taking the Senior Thesis, majors are advised to complete 18 points of required Visual Arts courses. Senior Thesis consists of four 2-point courses taken over two semesters: VIAR UN3900 Senior Thesis I-VIAR UN3901 Senior Thesis II (4 points) and VIAR UN3910 Visiting Critic I-VIAR UN3911 Visiting Critic II (4 points). (*Senior Thesis I* and *Visiting Critic I* run concurrently and *Senior Thesis II* and *Visiting Critic II* run concurrently).

Visual arts majors must sign up for a portfolio review to enroll in Senior Thesis. Portfolio reviews are scheduled in April preceding the semester for which students seek entry. Portfolios are evaluated by the director of undergraduate studies and a faculty committee. After each semester of Senior Thesis, a faculty committee evaluates the work and performance completed.

MAJOR IN ART HISTORY AND VISUAL ARTS

The combined major requires the completion of sixteen or seventeen courses. Up to two 3-point courses in art history may be replaced by a related course in another department, with approval of the adviser. It is recommended that students interested in this major begin the requirements in their sophomore year. The requirements for the major are as follows :

Art History (25 points)

AHIS UN3000	Majors' Colloquium: the Literature and Methods of Art History (formerly VIAR W3895)
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Seven additional art history (AHIS) 3-point lecture courses:

At least one course in three of four historical periods, as listed below

An additional two courses drawn from at least two different world regions, as listed below

Two additional lectures of the student's choice

Visual Arts (21 points)

VIAR UN1000	Basic Drawing (formerly VIAR R1001)
VIAR UN2300 or VIAR UN2200	Sculpture I (formerly VIAR R3330) Ceramics I
Five additional VIAR 3-point studio courses (15 points)	

In the senior year, students must complete either a seminar in the Department of Art History and Archaeology or a senior project in visual arts (pending approval by the Visual Arts Department).

Students electing the combined major should consult with the director of undergraduate studies in Visual Arts, as well as with the undergraduate program coordinator in the Art History and Archaeology Department.

NOTE: Chronological divisions are approximate. In case of ambiguities about course eligibility to fill the requirement, consult the director of undergraduate studies in Art History and Archaeology.

Historical Periods

- Ancient (up to 400 CE/AD)
- 400 - 1400
- 1400 - 1700
- 1700 - present

World Regions

- Africa
- Asia
- Europe, North America, Australia
- Latin America
- Middle East

CONCENTRATION IN VISUAL ARTS

A total of 21 points are required as follows:

Visual Arts (18 points)

VIAR UN1000	Basic Drawing (formerly VIAR R1001)
VIAR UN2300 or VIAR UN2200	Sculpture I (formerly VIAR R3330) Ceramics I

Four additional VIAR 3-point studio courses (12 points)

Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:

AHIS UN2405	Twentieth-Century Art (formerly AHIS W3650)
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DRAWING

VIAR UN1000 Basic Drawing. 3 points.

(Formerly R1001) The fundamentals of visual vocabulary. Students work from observation using still-life objects and the human figure. The relationship of lines and forms to each other and to the picture format is emphasized. Materials used: vine charcoal, compressed charcoal, pencil, pen, ink, and brushes. Class assignments are accompanied by discussions and critiques. Portfolio required at the end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	001/98842	M W 9:30am - 12:00pm 501 Dodge Building	Peter LaBier	3	21/19
VIAR 1000	002/98841	M W 2:00pm - 4:30pm 501 Dodge Building	Carolyn Hulbert	3	18/19

VIAR 1000	003/98840	Th 10:00am - 4:00pm 501 Dodge Building	Carrie Gundersdorf	3	14/19
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VIAR UN2001 Drawing II. 3 points.

Prerequisites: (VIAR UN1000)

Examines the potential of drawing as an expressive tool elaborating on the concepts and techniques presented in VIAR UN1001. Studio practice emphasizes individual attitudes toward drawing while acquiring knowledge and skills from historical and cultural precedents. Portfolio required at the end.

Fall 2019: VIAR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2001	001/98892	F 10:00am - 4:00pm 501 Dodge Building	Susanna Coffey	3	14/19

VIAR UN3010 Collage: Mixed Media. 3 points.

Prerequisites: (VIAR UN1000)

(Formerly R3515) This course approaches drawing as an experimental and expressive tool. Students will explore the boundaries between drawing and sculpture and will be encouraged to push the parameters of drawing. Collage, assemblage and photomontage will be used in combination with more traditional approaches to drawing. The class will explore the role of the imagination, improvisation, 3-dimensional forms, observation, memory, language, mapping, and text. Field trips to artists' studios as well as critiques will play an important role in the course. The course will culminate in a final project in which each student will choose one or more of the themes explored during the semester and create a series of artworks. This course is often taught under the nomenclature Drawing II - Mixed Media.

Fall 2019: VIAR UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3010	001/98900	T 10:00am - 4:00pm 501 Dodge Building	Diana Cooper	3	5/16

VIAR UN3011 Problems in Drawing. 3 points.

Prerequisites: *VIAR R1000*.

(Formerly R4005) Students will connect with the very heart of the Western Art tradition, engaging in this critical activity that was the pillar of draftsmanship training from the Renaissance on through the early Modern Era. This pursuit is the common thread that links artists from Michelangelo and Rubens to Van Gogh and Picasso. Rigorous studies will be executed from plaster casts of antique sculptures, and pedagogical engravings. Students will confront foundational issues of academic training; assessing proportion and tonal value, structure and form. Hours will be spent on a single drawing pushing to the highest degree of accuracy in order develop a means for looking at nature. There is a focus on precision and gaining a thorough understanding of the interaction between light and a surface. This approach emphasizes drawing by understanding the subject and the physical world that defines it. While this training has allowed great representational artists of the past to unlock the poetry from the world around them and continues to inspire a surging new realist movement, it can also serve as a new way of seeing and a launching point

for achieving creative goals. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

PAINTING

VIAR UN2100 Painting I. 3 points.

Prerequisites: (VIAR UN1000)

(Formerly R3201) Introduction of the fundamental skills and concepts involved in painting. Problems are structured to provide students with a knowledge of visual language along with a development of expressive content. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

VIAR UN3101 Painting II: Representation into Abstraction. 3 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100)

(Formerly R3202) Painting II: Extension of *VIAR UN2100*

This course explores the transition of representational form towards abstraction in the early 20th century (Cubism) with full consideration to recent movements such as geometric abstraction, organic abstraction, gestural abstraction, color field and pattern painting. Students will be encouraged to find dynamic approaches to these classic tropes of 20th and 21st century abstraction.

Fall 2019: VIAR UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3101	001/98830	T 10:00am - 4:00pm 401 Dodge Building	Gregory Amenoff	3	16/16

VIAR UN3102 PAINTING III: Advanced Painting. 3 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100)

Prerequisites: (VIAR UN1000) and (VIAR UN2100) Painting III: Advanced study in painting will be a material inquiry into the consequential concepts, histories, and critical language embedded in making painting's historical past and its' present.

Is painting now a singular "medium"? How do facture, scale, form and a multitude of image-making options, regardless of "style", accrue as to create meaning? Participants are expected to present work weekly, as Individual studio or group critiques. These will be augmented by readings of selected historical essays and contemporaneous writings, as well as visual presentations on a rotating basis.

VIAR UN3103 Advanced Painting: Process. 3 points.

Prerequisites: VIAR UN1000 and VIAR UN2100

In this advanced course, students develop their own individual painting practice through experimentation, risk taking, and rigorous evaluation of the interwoven questions of material and content in their work. A special emphasis is based on what we can do with the process of painting, and its vast and ever changing array of procedures, substrates, approaches, and techniques. How can painting materialize your response to what you encounter visually, intellectually, poetically, psychologically, politically, and culturally? "Painting" is open in the class, and expansion and integration of other materials is fully acceptable. The course

consists of directed but open assignments, presentations on historical and contemporary work, introduction to new materials, readings, individual and group critiques, and visits to working artists' studios, museums/galleries.

VIAR UN3120 Figure Painting. 3 points.

Prerequisites: *VIAR R1000* and *VIAR R2100*.

(Formerly R3210) Course provides the experience of employing a wide range of figurative applications that serve as useful tools for the contemporary artist. Non-Western applications, icon painting, and the European/American traditions are presented. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

PHOTOGRAPHY

VIAR UN1700 Photography: Photo I. 3 points.

(Formerly R3701) An introductory course in black-and-white photography, Photography I is required for admission to all other photo classes. Students are initially instructed in proper camera use and basic film exposure and development. Then the twice weekly meetings are divided into lab days where students learn and master the fundamental tools and techniques of traditional darkroom work used in 8x10 print production and classroom days where students present their work and through the language of photo criticism gain an understanding of photography as a medium of expression. Admitted students must obtain a manually focusing 35mm camera with adjustable f/stops and shutter speeds. No prior photography experience is required. Due to the necessity of placing a cap on the number of students who can register for our photography courses, the department provides a wait list to identify and give priority to students interested in openings that become available on the first day of class. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist> (<http://arts.columbia.edu/photolist/>).

Fall 2019: VIAR UN1700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1700	001/98839	M W 9:30am - 12:00pm 109 Watson Hall	Renee Cox	3	12/15
VIAR 1700	002/98838	M W 2:00pm - 4:30pm 109 Watson Hall	Rola Khayyat	3	19/15
VIAR 1700	003/98837	T Th 9:30am - 12:00pm 109 Watson Hall	Emile Askey	3	9/15

VIAR UN2701 Photography: Photo II. 3 points.

Prerequisites: (VIAR UN1700)

(Formerly R3702) This course will explore the Artists book as an essential medium of contemporary artistic and lens based practice. Lectures and presentations will consider the mediums historical roots in Dadaism, Constructivism and Fluxus to enliven an expansive consideration of the books essential principles — scale, material, touch and dissemination. Students are exposed to a variety of approaches and viewpoints through presentations by

guest photographers, writers, curators, publishers as well as class trips to archives, museums and galleries. Using various research methodologies with a distinct focus on image and text students will explore narrative development, sequencing, repetition and pacing. Each student will propose, develop and produce a unique editioned artists book during this course.

Fall 2019: VIAR UN2701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2701	001/98789	T Th 2:00pm - 4:30pm 109 Watson Hall	Alexandra Strada	3	16/15

VIAR UN3710 Digital Documentary Photography. 3 points.

(Formerly R4702) The goal of the course is for each student to create small-scale documentary projects using photography and writing with an eye towards web publishing. Taking advantage of the ease and speed of image production and distribution, students will propose and workshop projects that can be quickly completed and uploaded to a class website. Assignments, readings and discussions will focus on the role of the documentary tradition in the history of photographic art practice. Students must provide their own laptop and digital camera. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist> (<http://arts.columbia.edu/photolist/>).

VIAR GU4702 Photography: Advanced Photo III Seminar. 3 points.

Prerequisites: VIAR UN1700

This course will explore the Artists book as an essential medium of contemporary artistic and lens based practice. Lectures and presentations will consider the mediums historical roots in Dadaism, Constructivism and Fluxus to enliven an expansive consideration of the books essential principles — scale, material, touch and dissemination. Students are exposed to a variety of approaches and viewpoints through presentations by guest photographers, writers, curators, publishers as well as class trips to archives, museums and galleries. Using various research methodologies with a distinct focus on image and text students will explore narrative development, sequencing, repetition and pacing. Each student will propose, develop and produce a unique editioned artists book during this course.

PRINTMAKING

VIAR UN2420 Printmaking I: Intaglio. 3 points.

(Formerly R3401) Enables the student to realize concepts and visual ideas in a printed form. Basic techniques are introduced and utilized: the history and development of the intaglio process; demonstrations and instruction in line etching, relief, and dry point. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 2420	001/98901	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3	10/9
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VIAR UN2430 Printmaking I: Relief. 3 points.

(Formerly R3411) Printmaking I: Relief introduces woodcut and other relief techniques. Given the direct quality of the process, the class focuses on the student's personal vision through experimentation with this print medium. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2430	001/98831	M W 9:30am - 12:00pm 210 Dodge Building	Nathan Catlin	3	11/9

VIAR UN3410 Printmaking I: Photogravure. 3 points.

Prerequisites: VIAR UN1400 or VIAR UN2420 or VIAR UN1700

(Formerly R3417) A concise study and application of the copper plate photogravure process. Usage of current available resources substituting for materials that are no longer available for photogravure. This is a 19th century obsolete photomechanical reproduction process that is constantly challenging the ingenuity of it's practitioners to keep it alive and a viable technique in the 21st century. The course objectives are understanding and demonstrating proficiency in the photogravure process and creation of finished printed images from the process learned. It is important for the future of this process that the students understand not only the "how", but the "why" of going through all of these procedures. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3410	001/98890	Th 10:00am - 4:00pm 210 Dodge Building	Craig Zammiello	3	9/12

VIAR UN3412 Printmaking: Drawing Into Print. 3 points.

Prerequisites: VIAR UN2420 or VIAR UN2430 note that VIAR UN2430 was formerly R3420.

The objective of the course is to provide students with an interdisciplinary link between drawing, photography and printmaking through an integrated studio project. Students will use drawing, printmaking and collage to create a body of work to be presented in a folio format. In the course, students develop and refine their drawing sensibility, and are encouraged to experiment with various forms of non-traditional printmaking. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3412	001/98889	T 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel	3	9/10

VIAR UN3421 Printmaking II: Intaglio. 3 points.

Prerequisites: VIAR UN2420

(Formerly R3402) Continues instruction and demonstration of further techniques in intaglio. Encourages students to think visually more in the character of the medium, and personal development is stressed. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3421	001/98828	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3	4/3

VIAR UN3431 Printmaking II: Relief. 3 points.

Prerequisites: VIAR UN2430

(Formerly R3412) Printmaking II: Relief continues instruction and demonstration of further techniques in woodcut. Encourages students to think visually more in the character of the medium, and personal development is stressed. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3431	001/98888	M W 9:30am - 12:00pm 210 Dodge Building	Nathan Carlin	3	2/3

VIAR GU4400 Advanced Printmaking. 3 points.

Prerequisites: *VIAR R2420*, or *VIAR R2430*.

(Formerly R3415) Designed for students who have already taken one semester of a printmaking course and are interested in continuing on an upper level. Students are encouraged to work in all areas, separate or combined, using their own vocabulary and imagery to create a body of work by the end of the semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

SCULPTURE/NEW GENRE**VIAR UN2200 Ceramics I. 3 points.**

(Formerly R3130) This studio course will provide the students with a foundation in the ceramic process, its history, and its relevance to contemporary art making. The course is structured in two parts. The first centers on the fundamental and technical aspects of the material. Students will learn construction techniques, glazing and finishing methods, and particulars about firing procedures. This part of the course will move quickly in

order to expose the students to a variety of ceramic processes. Weekly assignments, demonstrations, and lectures will be given. The second centers on the issue of how to integrate ceramics into the students' current practice. Asking the question of why we use ceramics as a material and, further, why we choose the materials we do to make art. Rigorous group and individual critiques focusing on the above questions will be held. The goal of this course is to supply the students with the knowledge and skill necessary to work in ceramics and enough proficiency and understanding of the material to enable them to successfully incorporate it into their practice. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2200	001/98891	Th 10:00am - 4:00pm 315 Prentiss Hall	Joseph Peet	3	9/9

VIAR UN2300 Sculpture I. 3 points.

(Formerly R3330) The fundamentals of sculpture are investigated through a series of conceptual and technical projects. Three material processes are introduced, including wood, metal, and paster casting. Issues pertinent to contemporary sculpture are introduced through lectures, group critiques, discussions, and field trips that accompany class assignments. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2300	001/98833	F 10:00am - 4:00pm 315 Prentiss Hall	Jon Kessler	3	9/8
VIAR 2300	002/98832	T 10:00am - 4:00pm 315 Prentiss Hall	Gabriel Camnitzer	3	8/8

VIAR UN3201 Ceramics II. 3 points.

Prerequisites: *VIAR R2200*.

(Formerly R3131) This course will focus on using ceramics as a primary art making machine by breaking out of the constraints wedded to this traditional material. Building on the foundation set in *VIAR R2200 Ceramics I*, this course will delve further into the technical and historical aspects of the ceramic process. Students will use a self-directed working process to facilitate the incorporation of ceramics materials into their existing art making while allowing them room to go in their own conceptual direction. Rigorous group and individual critiques will be held on a regular basis. Content is a priority in this class, and with the further understanding of ceramic processes and materials, the goal is for the student to be fluid in producing their ideas without the obstruction of technical difficulties. In addition to the rigorous making of objects from start to finish our technical progression will be broken down into three parts:

Part one:

Testing and understanding of ceramic materials. Students will formulate their own glazes and clay bodies from raw ceramic

materials. Rigorous testing will take place throughout the semester.

Part two:

Focuses on the in-depth understanding of using kilns. Students will start with loading and unloading of their own work. Programming our electric kilns, firing the kiln and learning the different results obtained at different temperatures. The end result is for the student to have confidence in firing their own work when they leave this class.

Part three:

Students will learn advanced building techniques such as large scale hand building, mold making, slip casting, advanced image-making such as ceramic decal production and transferware

VIAR UN3301 Sculpture II. 3 points.

Prerequisites: VIAR UN2300 or the instructor's permission. (Formerly R3331) Continuation of *VIAR UN2300*. The objective of the class is to engage in in-depth research and hands on studio projects related to a specific theme to be determined by each student. Each student is expected to complete class with four fully realized and thematically linked works. Wood, metal, and plaster will be provided for this class but video, sound, performance and various mixed media approaches are highly encouraged. In addition, lecture and field trips will be part of the course. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

VIAR UN3302 Sculpture III. 3 points.

Prerequisites: *VIAR R2300*.

(Formerly R3332) Sculpture III is an invitation for immersive sculpting. The class will explore the idea of experiences and construction of contexts as central research topics. The class becomes a laboratory space to explore various techniques to heighten body awareness and spatial sensibility. Through assignments and workshops, the students will practice how to digest these sensory experiences through their studio practice. Historical precedents for art outside the usual mediums and venues will be our reference points to investigate how our own work may take part in a generative process that evolves the definition of sculpture. The assignments in the first half of the semester point the students to performance, site specificity, and sound, that utilize New York City's odd spots and professionals. While building such common experiential platforms, the class will also build language for a dialogic space, through weekly in-class discussions lead by the instructor, guests, and rotating panels of the students. As the semester progresses, the emphasis will gradually be shifted from experiential learning to intensive studio work on a final project, where the students are asked to pay close attention to how various methods and fields of subjects combine. The resulting project has to be the best work you have ever done. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

VIAR GU4600 Performance Art; Developing a Visual Lexicon. 3 points.

Using a set of related interdisciplinary activities, the students in this class will discover their own vocabulary of images, a visual

lexicon, to articulate new work emerging through the medium of performance art. Because art requires a temperature or a "climate" for it to developed, we will view critical film works, as well as creating new videos and live performance. We will learn about the medium of performance art to communicate to groups of people about new artistic projects and ideas. Every artist has their own vocabulary that lays dormant until it's discovered. Then it takes time management, prioritizing, sacrifice, discipline, edification, distillation and a fun studio practice for this work to emerge. We will do this together using the medium of performance, which makes the best use of what is available; the body and other performative tools, that may be applicable as we work towards illustrating new ideas. Availabilism is a term I invented to encapsulate my philosophy around art making which is the idea that every artist should make the best use of what's available.

We will practice different experiments and performance methods using props, costumes, painting, sculpture, song writing and music. Just like theater, performance art is a medium that creates a collective atmosphere giving the student a sense of community. This is an important aspect for artists that struggle communicating and sharing their ideas. With courage and audacity, students will learn how to use their availabilism as it can help articulate their individual artistic expression. Students will write and examine their personal history and artistic goals to distill the information that compels each individual to analyze why art is such an important part of his/her life. This class will expose the student to the possibilities of live performance as not just entertainment, but another medium that an artist can access to expand their individual creative expression.

Fall 2019: VIAR GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4600	001/98870	F 10:00am - 4:00pm 101 Prentis Hall	Kembra Pfahler	3	14/16

MOVING IMAGE

VIAR UN3500 Beginning Video. 3 points.

Beginning Video is an introductory class on the production and editing of digital video. Designed as an intensive hands-on production/post-production workshop, the apprehension of technical and aesthetic skills in shooting, sound and editing will be emphasized. Assignments are developed to allow students to deepen their familiarity with the language of the moving image medium. Over the course of the term, the class will explore the language and syntax of the moving image, including fiction, documentary and experimental approaches. Importance will be placed on the decision making behind the production of a work; why it was conceived of, shot, and edited in a certain way. Class time will be divided between technical workshops, viewing and discussing films and videos by independent producers/artists and discussing and critiquing students projects. Readings will be assigned on technical, aesthetic and theoretical issues. Only one section offered per semester. If the class is full, please visit <http://>

arts.columbia.edu/undergraduate-visual-arts-program (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3500	001/98827	T 10:00am - 4:00pm Room TBA	Shelly Silver	3	9/12

VIAR GU4501 Advanced Video. 3 points.

Advanced Video is a full day class 10:00am- 4:00pm.

Prerequisites: (VIAR UN3500) *VIAR UN3500* Beginning Video or prior experience in video or film production.

Advanced Video is an advanced, intensive project-based class on the production of digital video. The class is designed for advanced students to develop an ambitious project or series of projects during the course of the semester. Through this production, students will fine-tune shooting and editing skills as well as become more sophisticated in terms of their aesthetic and theoretical approach to the moving image. The class will follow each student through proposal, dailies, rough-cut and fine cut stage. The course is organized for knowledge to be shared and accumulated, so that each student will learn both from her/his own process, as well as the processes of all the other students. Additional screenings and readings will be organized around the history of video art and the problematics of the moving image in general, as well as particular issues that are raised by individual student projects. NOTE: There is only one section offered per semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

VISUAL ARTS MAJOR REQUIREMENTS

VIAR UN3800 Seminar in Contemporary Art Practice. 3 points.

(Formerly R4601) New York City is the most abundant visual arts resource in the world. Visits to museums, galleries, and studios on a weekly basis. Students encounter a broad cross-section of art and are encouraged to develop ideas about what is seen. The seminar is led by a practicing artist and utilizes this perspective. Columbia College and General Studies Visual Arts Majors must take this class during their junior year. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program> (<http://arts.columbia.edu/undergraduate-visual-arts-program/>).

Fall 2019: VIAR UN3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3800	001/98887	Th 2:00pm - 5:00pm 106 Watson Hall	Gabriel Camnitzer	3	7/14

VIAR UN3900 Senior Thesis I. 2 points.

Prerequisites: Department approval required. See requirements for a major in visual arts. VIAR UN3900 is the prerequisite for VIAR UN3901.

Corequisites: VIAR UN3910

(Formerly R3901) Students must enroll in both semesters of the course (*VIAR UN3900* and *VIAR UN3901*). The student is required to produce a significant body of work in which the ideas, method of investigation, and execution are determined by the student. A plan is developed in consultation with the faculty. Seminars; presentations. At the end, an exhibition or other public venue is presented for evaluation. Studio space is provided.

VIAR UN3901 Senior Thesis II. 2 points.

Prerequisites: VIAR UN3900 Department approval required. See requirements for a major in visual arts. VIAR UN3900 is the prerequisite for VIAR UN3901.

Corequisites: VIAR UN3911

Students must enroll in both semesters of the course (*VIAR UN3900* and *VIAR UN3901*). The student is required to produce a significant body of work in which the ideas, method of investigation, and execution are determined by the student. A plan is developed in consultation with the faculty. Seminars; presentations. At the end, an exhibition or other public venue is presented for evaluation. Studio space is provided.

VIAR UN3910 Visiting Critic I. 2 points.

Prerequisites: Department approval required. See requirements for a major in visual arts. VIAR UN3910 is the prerequisite for VIAR UN3911.

Corequisites: VIAR UN3900

(Formerly R3921) Students are required to enroll in both semesters (*VIAR UN3910* and *VIAR UN3911*). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the student's ideas are discussed and evaluated on an ongoing basis.

Fall 2019: VIAR UN3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3910	001/98825	W 5:15pm - 10:00pm 106 Watson Hall	Emily Henretta	2	18/18

VIAR UN3911 Visiting Critic II. 2 points.

Prerequisites: VIAR UN3910 Department approval required. See requirements for a major in visual arts.

Corequisites: VIAR UN3901

(Formerly R3922) Students are required to enroll in both semesters (*VIAR UN3910* and *VIAR UN3911*). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the student's ideas are discussed and evaluated on an ongoing basis.

WOMEN'S AND GENDER STUDIES

Program Office: 763 Schermerhorn Extension; 212-854-3277; 212-854-7466 (fax)
http://irwgs.columbia.edu/

Director of Undergraduate Studies: Prof. Lila Abu-Lughod, 756 Schermerhorn Extension; 212 854 3693; la310@columbia.edu

Located within the Institute for Research on Women, Gender, and Sexuality and taught in cooperation with Barnard College's Department of Women's, Gender and Sexuality Studies, the program in women's and gender studies provides students with a culturally and historically situated, theoretically diverse understanding of feminist scholarship and its contributions to the disciplines. The program introduces students to feminist discourse on the cultural and historical representation of nature, power, and the social construction of difference. It encourages students to engage in the debates regarding the ethical and political issues of equality and justice that emerge in such discussion, and links the questions of gender and sexuality to those of racial, ethnic, and other kinds of hierarchical difference.

Through sequentially organized courses in women's, gender, and sexuality studies, as well as required discipline-based courses in the humanities and social sciences, the major provides a thoroughly interdisciplinary framework, methodological training, and substantive guidance in specialized areas of research. Small classes and mentored thesis-writing give students an education that is both comprehensive and tailored to individual needs. The major culminates in a thesis-writing class, in which students undertake original research and produce advanced scholarship.

Graduates leave the program well prepared for future scholarly work in women's, gender, and sexuality studies, as well as for careers and future training in law, public policy, social work, community organizing, journalism, and professions in which there is a need for critical and creative interdisciplinary thought.

MAJOR IN WOMEN'S AND GENDER STUDIES

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

Students should plan their course of study with the undergraduate director as early in their academic careers as possible. The requirements for the major are:

WMST UN1001	Introduction to Women's and Gender Studies
or WMST UN3125	Introduction to Sexuality Studies
WMST UN3311	Colloquium in Feminist Theory

WMST UN3514	Historical Approaches to Feminist Questions
WMST UN3521	Senior Seminar I
WMST UN3915	Gender and Power in Transnational Perspective

Six approved Elective Courses on women, gender, and/or sexuality in consultation with the director of undergraduate studies.*

* Electives will be selected in coordination with the director of undergraduate studies to best suit students' specific interests and to provide them with the appropriate range of courses, whether their focus is ethnic studies, pre-med, pre-law, sociology, public health, queer studies, visual culture, literature, or another area of interest. Students are encouraged to take a broad interdisciplinary approach. The director of undergraduate studies will help students fine-tune their academic program in conjunction with IRWGS courses, cross-listed courses, and other courses offered at Columbia.

CONCENTRATION IN WOMEN'S AND GENDER STUDIES

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The same requirements as for the major, with the exception of WMST UN3521 Senior Seminar I.

SPECIAL CONCENTRATION FOR THOSE MAJORING IN ANOTHER DEPARTMENT

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

WMST UN1001 Introduction to Women's and Gender Studies; plus four additional approved elective courses on gender.

FALL 2019

WMST UN1001 Introduction to Women's and Gender Studies. 3 points.

An interdisciplinary introduction to key concepts and analytical categories in women's and gender studies. This course grapples with gender in its complex intersection with other systems of power and inequality, including: sexuality, race and ethnicity, class and nation. Topics include: feminisms, feminist and queer theory, commodity culture, violence, science and technology, visual cultures, work, and family.

Fall 2019: WMST UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 1001	001/09911	M W 1:10pm - 2:25pm 304 Barnard Hall	Manijeh Moradian, Jack Halberstam	3	77/120

WMST BC1050 Women and Health. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Interdisciplinary introduction emphasizing interaction of biological and sociocultural influences on women's health, and exploring health disparities among women as well as between women and men. Current biomedical knowledge presented with empirical critiques of research and medical practice in specific areas such as occupational health, cardiology, sexuality, infectious diseases, reproduction, etc.

Fall 2019: WMST BC1050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 1050	001/09909	M W 4:10pm - 5:25pm 304 Barnard Hall	Rebecca Young	3	85/120

WMST BC2140 Critical Approaches in Social and Cultural Theory. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Introduction to key concepts from social theory as they are appropriated in critical studies of gender, race, sexuality, class and nation. We will explore how these concepts are taken up from different perspectives to address particular social problems, and the effects of these appropriations in the world.

Fall 2019: WMST BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2140	001/09904	T Th 11:40am - 12:55pm 304 Barnard Hall	Kaegan Sparks, Alexander Pittman	3	44/120

WMST UN3311 Colloquium in Feminist Theory. 4 points.

Prerequisites: LIMITED TO 20 BY INSTRUC PERM;
ATTEND FIRST CLASS

An exploration of the relationship between new feminist theory and feminist practice, both within the academy and in the realm of political organizing.

Fall 2019: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/09913	Th 4:10pm - 6:00pm LI016 Milstein Center	Alexander Pittman	4	15/20

Spring 2020: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/11825	T 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Elizabeth Povinelli	4	20/20

WMST V3312 Theorizing Activism. 4 points.

Prerequisites: Critical Approaches or Feminist Theory or permission of instructor.

Helps students develop and apply useful theoretical models to feminist organizing on local and international levels. It involves reading, presentations, and seminar reports. Students use first-hand knowledge of the practices of specific women's activist organizations for theoretical work.

Fall 2019: WMST V3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3312	001/09906	T 10:10am - 12:00pm 222 Milbank Hall	Kimberly Springer	4	12/20

WMST UN3450 Topics in Sexuality and Gender Law. 3 points.

As society shifts in its views about sexuality and gender, so too does the law. Indeed, legal developments in this area have been among the most dynamic of the past couple of decades. Yet law does not map easily or perfectly onto lived experience, and legal arguments do not necessarily track the arguments made in public debate.

In this seminar, we will explore the evolving jurisprudence of sexuality and gender law in a variety of areas. Our goal throughout the semester will be to understand and think about these issues as lawyers do - with our primary focus on understanding and evaluating the arguments that can be made on both (or all) sides of any particular case, with some attention to the factors outside of the courtroom that might shape how courts approach their work. Related to this, we will also seek to understand how and why some of the jurisprudence has changed over time.

Fall 2019: WMST UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3450	001/10573	Th 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Suzanne Goldberg	3	16/25

WMST BC3513 Critical Animal Studies. 4 points.

"This course collaborates between students and professor, humans and animals, subjects and objects, to investigate the Animal Problem. What are non-human animals? How do we relate to them? How do we account for our animal nature while reconciling our cultural aspirations? What are our primary desires with respect to non-human animals?

Fall 2019: WMST BC3513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3513	001/09912	W 2:10pm - 4:00pm 214 Milbank Hall	Janet Jakobsen	4	16/16

WMST UN3521 Senior Seminar I. 4 points.

The Senior Seminar in Women's Studies offers you the opportunity to develop a capstone research paper by the end of the first semester of your senior year. Senior seminar essays take the form of a 25-page paper based on original research and characterized by an interdisciplinary approach to the study of women, sexuality, and/or gender. You must work with an individual advisor who has expertise in the area of your thesis and who can advise you on the specifics of method and content. Your grade for the semester will be determined by the instructor and the advisor. Students receiving a grade of "B+" or higher in Senior Seminar I will be invited to register for Senior Seminar II by the Instructor and the Director of Undergraduate Studies. Senior Seminar II students will complete a senior thesis of 40-60 pages. Please note, the seminar is restricted to Columbia College and GS senior majors.

Fall 2019: WMST UN3521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3521	001/63377	W 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Saidiya Hartman	4	3/20

WMST UN3525 Senior Seminar: Knowledge, Practice, Power. 4 points.

Prerequisites: Permission of instructor. Enrollment limited to senior majors.

The Senior Seminar in WGSS offers you the opportunity to develop a capstone research project during the first semester of your senior year. The capstone project may be freestanding, or, with permission of the instructor, may be continued during the spring semester as a Senior Thesis. The capstone project must be based on original research and involve an interdisciplinary approach to the study of women, sexuality, and/or gender. You must work with an individual advisor who has expertise in the area of your project and who can advise you on the specifics of method and content. Your grade for the semester will be determined by the Senior Seminar instructor in consultation with your advisor.

Fall 2019: WMST UN3525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3525	001/09907	W 10:10am - 12:00pm 501 Diana Center	Manijeh Moradian	4	11

WMST UN3813 Colloquium on Feminist Inquiry. 4 points.

Prerequisites: *WMST V1001* and the instructor's permission.

A survey of research methods from the social sciences and interpretive models from the humanities, inviting students to examine the tension between the production and interpretation of data. Students receive firsthand experience practicing various research methods and interpretive strategies, while considering larger questions about how we know what we know.

Fall 2019: WMST UN3813

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WMST 3813	001/09903	W 4:10pm - 6:00pm L1016 Milstein Center	Janet Jakobsen	4	9/25
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WMST UN3915 Gender and Power in Transnational Perspective. 4 points.

Enrollment limited to 15.

Prerequisites: Instructor approval required

Considers formations of gender, sexuality, and power as they circulate transnationally, as well as transnational feminist movements that have emerged to address contemporary gendered inequalities. Topics include political economy, global care chains, sexuality, sex work and trafficking, feminist politics, and human rights.

If it is a small world after all, how do forces of globalization shape and redefine both men's and women's positions as workers and political subjects? And, if power swirls everywhere, how are transnational power dynamics reinscribed in gendered bodies? How is the body represented in discussions of the political economy of globalization? These questions will frame this course by highlighting how gender and power coalesce to impact the lives of individuals in various spaces including workplaces, the home, religious institutions, refugee camps, the government, and civil society, and human rights organizations. We will use specific sociological and anthropological case studies, to look at how various regimes of power operate to constrain individuals as well as give them new spaces for agency. This course will enable us to think transnationally, historically, and dynamically, using gender as a lens through which to critique relations of power and the ways that power informs our everyday lives and identities.

Fall 2019: WMST UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/63378	Th 10:10am - 12:00pm 754 Ext Schermerhorn Hall	Selina Makana	4	24/25

Spring 2020: WMST UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	002/00676	W 11:00am - 12:50pm Room TBA	Neferti Tadiar	4	18/18

WMST W4308 Sexuality and Science. 4 points.
Not offered during 2019-20 academic year.

Examines scientific research on human sexuality, from early sexology through contemporary studies of biology and sexual orientation, surveys of sexual behavior, and the development and testing of Viagra. How does such research incorporate, reflect, and reshape cultural ideas about sexuality? How is it useful, and for whom?

Fall 2019: WMST W4308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WMST 4308	001/09910	T 2:10pm - 4:00pm LI018 Milstein Center	Rebecca Young	4	9/15
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WMST GU4325 Embodiment and Bodily Difference. 4 points.

At once material and symbolic, our bodies exist at the intersection of multiple competing discourses, including the juridical, the techno-scientific, and the biopolitical. In this course, we will draw upon a variety of critical interdisciplinary literatures—including feminist and queer studies, science and technology studies, and disability studies—to consider some of the ways in which the body is constituted by such discourses, and itself serves as the substratum for social relations. Among the key questions we will consider are the following: What is natural about the body? How are distinctions made between presumptively normal and pathological bodies, and between psychic and somatic experiences? How do historical and political-economic forces shape the perception and meaning of bodily difference? And most crucially: how do bodies that are multiply constituted by competing logics of gender, race, nation, and ability offer up resistance to these and other categorizations?

Fall 2019: WMST GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4325	001/09914	T 4:10pm - 6:00pm 404 Barnard Hall	Elizabeth Bernstein	4	16/25

WMST GU4350 Performing feminist activism in Contemporary Latin America. 4 points.
Not offered during 2019-20 academic year.

This course explores different ways in which feminist artists and activists use performance to spark social change in Latin America. Using feminism and performance studies as critical lenses, this course addresses how performative actions can challenge patriarchal systems in neoliberal times. We begin the course by reviewing key texts to discuss the key terms “feminisms”, “performance” and “activisms”. Then, the course turns to an examination of contemporary feminist activism in Latin America, including the #niunamernos movement in Argentina, the 2018 feminist tsunami in Chile and the work of Mujeres Creando in Bolivia. In each session, we will discuss the performative strategies activists use to denounce, protest and resist dominant discourses of power, neoliberalism and gender violence, searching to trace connectivities and fractures among different contemporary feminist activist movements across Latin America.

Fall 2019: WMST GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4350	001/13419	Th 12:10pm - 2:00pm 754 Ext Schermerhorn Hall	Maria Jose Contreras	4	6/20

SPRING 2020**WMST UN3522 Senior Seminar II. 4 points.**

Individual research in Women's Studies conducted in consultation with the instructor. The result of each research project is submitted in the form of the senior essay and presented to the seminar.

Spring 2020: WMST UN3522

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3522	001/13596	T 6:10pm - 8:00pm 754 Ext Schermerhorn Hall	Lila Abu- Lughod	4	3/20

WMST UN3311 Colloquium in Feminist Theory. 4 points.

Prerequisites: LIMITED TO 20 BY INSTRUC PERM;
 ATTEND FIRST CLASS

An exploration of the relationship between new feminist theory and feminist practice, both within the academy and in the realm of political organizing.

Fall 2019: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/09913	Th 4:10pm - 6:00pm LI016 Milstein Center	Alexander Pittman	4	15/20

Spring 2020: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/11825	T 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Elizabeth Povinelli	4	20/20

WMST UN3335 Gender and Wars: Perspectives from the Global South. 3 points.

Wars are salient features of globalization. But, how can we understand the relationship between gender and war? How do notions of masculinities and femininities operate in the organizing, waging, protesting, and commemorating war? Starting from the premise that gender is crucial to explaining what happens in national revolutionary wars, postcolonial conflicts and civil wars, peacekeeping and humanitarian interventions, and the social and personal aspects when wars come to an end; this course considers a transnational feminist analysis to reflect on the relationship between gender and militarism. It pulls together literature from different disciplinary fields to explore the gendered dimensions of wars of national liberation, armed conflicts, wartime gender based/sexual violence, politics of victimhood, anti-war activism, resistance and agency. We will pay particular attention to case studies from the global South.

The gendered analyses of war will be explored from a multi-disciplinary framework including history, anthropology, sociology, political science, international relations, philosophy, literature and film. We will utilize film, journalistic accounts, ethnographic narratives and other resources to explore the complex ways in which people, especially men and women experience and respond to wars differently.

Spring 2020: WMST UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3335	001/13603	Th 10:10am - 12:00pm 754 Ext Schermerhorn Hall	Selina Makana	3	12/20

WMST GU4506 Gender Justice. 3 points.

This course will provide an introduction to the concrete legal contexts in which issues of gender and justice have been articulated, disputed and hesitatingly, if not provisionally, resolved. Readings will cover issues such as Workplace Equality, Sexual Harassment, Sex Role Stereotyping, Work/Family Conflict, Marriage and Alternatives to Marriage, Compulsory Masculinity, Parenting, Domestic Violence, Reproduction and Pregnancy, Rape, Sex Work & Trafficking. Through these readings we will explore the multiple ways in which the law has contended with sexual difference, gender-based stereotypes, and the meaning of equality in domestic, transnational and international contexts. So too, we will discuss how feminist theorists have thought about sex, gender and sexuality in understanding and critiquing our legal system and its norms.

Spring 2020: WMST GU4506

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4506	001/13598	M 2:10pm - 4:00pm Room TBA	Katherine Franke	3	25/25

WMST GR6001 Theoretical Paradigms. 4 points.

This advanced seminar examines materialist conceptions of labor and life as approached through feminist, black, anti-racist, indigenous, queer, postcolonial, and Marxist perspectives. We will trace the ways that labor and life as well as their constitutive relations have been understood in historical and contemporary radical critiques of capitalism, with a focus on gender, race and sexuality as analytical categories for understanding their shifting roles in structures and practices of social reproduction, the production and expropriation of value, the logic and exercise of violence, the organization of sociality and culture, and the practice and imagination of freedom, justice, and new forms and potentials of collective existence. Finally we will consider the limits and possibilities of different conceptions of “material life” for understanding politics today.

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2019-2020 Bulletin

Policy pages archived April 17, 2020

Departmental pages archived December, 2019