

# COLUMBIA COLLEGE

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK



Bulletin | 2018-2019

May 14, 2019

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# COLUMBIA COLLEGE BULLETIN

2018-2019 | Columbia College | Founded 1754

**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](mailto: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*

*Cai Voice, 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 2018

June	11–15	Monday–Friday. Online registration for Fall 2018 via Student Services Online (SSOL) appointment: continuing students only.
	18–22	Monday–Friday. Online registration for Fall 2018 via Student Services Online (SSOL) appointment: continuing students only.
July	30– August 3	Monday–Friday. Online registration for Fall 2018 via Student Services Online (SSOL) appointment: continuing students only.
August	6–10	Monday–Friday. Online registration for Fall 2018 via Student Services Online (SSOL) appointment: continuing students only.
	21–23	Tuesday–Thursday. Online registration for Fall 2018 via Student Services Online (SSOL) appointment: continuing and transfer students only.

## FALL TERM 2018

August	1	Wednesday. Last day for new students entering in Fall 2018 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.
	26	Sunday. New Student Orientation Program begins for new students entering in Fall 2018.

	31– September 1	Friday–Saturday. Fall 2018 online registration for first-year students via Student Services Online (SSOL) appointment.
September	1	Saturday. Last day to apply or reapply for the B.A. degree to be awarded in October 2018. Applications received after this date are automatically applied to the next conferral date.
	1	Saturday. Fall 2018 online registration for continuing students and transfer students via Student Services Online (SSOL) appointment.
	3	<b>Monday. Labor Day. University holiday.</b>
	4	<b>Tuesday. Classes begin (on a Tuesday schedule) for the 265th academic year.</b>
	4–14	Weekdays only. Fall 2018 Change of Program period by online appointment via Student Services Online (SSOL): all students.
	7,10	Friday and Monday. Deferred examination dates.
	13	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.
	14	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 2018 course taken Pass/D/Fail.
	17– October 9	Weekdays only. Post Change of Program Add/Drop period by online appointment via Student Services Online (SSOL).
	30	Sunday. Last day to confirm, upgrade, or request a waiver from the Columbia Student Health Insurance Plan.
October	9	Tuesday. Last day for students to drop individual courses.
	17	Wednesday. Award of October degrees.
	18	Thursday. Midterm Date.
November	1	Tuesday. 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.
	5	<b>Monday. Academic holiday.</b>
	6	<b>Tuesday. Election Day. University holiday.</b>

	12–16	Monday–Friday. Online registration for Spring 2019 via Student Services Online (SSOL) appointment: continuing students only.
	15	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.
	21	<b>Wednesday. Academic holiday. No classes held. Administrative offices open.</b>
	22–25	<b>Thursday–Sunday. Thanksgiving holidays.</b>
December	1	Saturday. 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.
	1	Saturday. Last day for new Spring 2019 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.
	3–7	Monday–Friday. Online registration for Spring 2019 via Student Services Online (SSOL) appointment: continuing students only.
	10	Monday. Last day of classes.
	11–13	Tuesday–Thursday. Study days.
	14–21	Friday–Friday. Final examinations.
	21	Friday. Fall term ends.
	21	<b>Friday, December 21, 2018–Monday, January 21, 2019. Winter holidays.</b>

## SPRING TERM 2019

January	1	Tuesday. Last day for applicants to the Class of 2023 to apply for admission.
	7–18	Weekdays only. Online registration for Spring 2019 via Student Services Online (SSOL) appointment: continuing and transfer students only.
	21	<b>Monday. Martin Luther King, Jr. Day. University holiday.</b>
	22	<b>Tuesday. Classes begin (on a Tuesday schedule).</b>
22–February	1	Weekdays only. Change of Program period by online appointment via Student Services Online (SSOL).

	25, 28	Friday and Monday. Deferred examination dates.
	31	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.
February	1	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 2018 course taken Pass/D/Fail.
	13	Wednesday. Award of February 2019 degrees.
	26	Tuesday. Last day for students to drop individual courses.
March	11	Monday. Midterm date.
	12–15	Tuesday–Friday. Major Declaration.
	18–22	<b>Monday–Friday. Spring recess.</b>
	28	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	15–19	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
May	6	Monday. Deadline for continuing students to apply for financial aid for 2019–2020.
	6	Monday. Last day of classes.
	7–9	Tuesday–Thursday. Study days.
	10–17	Friday–Friday. Final examinations.
	17	Friday. Spring term ends.

## COMMENCEMENT

May	20	Monday. Baccalaureate Service.
	21	Tuesday. Columbia College Class Day. Academic Awards and Prizes Ceremony. Phi Beta Kappa Induction Ceremony.
	22	Wednesday. Award of May 2019 degrees. University Commencement.

## 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.
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	17–21	Monday–Friday. Online registration for Fall 2019 via Student Services Online (SSOL) appointment: continuing students only.
July	29–	Monday–Friday. Online registration for
	August 2	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.



# THE ADMINISTRATION AND FACULTY OF COLUMBIA COLLEGE

## **Lee Bollinger, J.D.**

*President of the University*

## **John Coatsworth, Ph.D.**

*Provost of the University*

## **Maya Tolstoy, Ph.D.**

*Interim Executive Vice President for 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, 1967; M.D., Johns Hopkins, 1970

### **Jagdish Bhagwati**

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

### **Martin Chalfie**

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

### **Ruth S. DeFries**

B.A., Washington, 1976; Ph.D., Johns Hopkins, 1980

### **Michael W. Doyle**

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

### **Wafaa El-Sadr**

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

### **R. Kent Greenawalt**

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

### **Wayne A. Hendrickson**

B.A., Wisconsin, 1963; Ph.D., Johns Hopkins, 1968

### **Eric R. Kandel**

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

### **Rosalind E. Krauss**

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

### **Robert A. Mundell (*emeritus*)**

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

### **Jeffrey D. Sachs**

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

### **Simon Schama**

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

### **Gayatri Chakravorty Spivak**

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

### **Joseph Stiglitz**

B.A., Amherst, 1964; Ph.D., Massachusetts Institute of Technology, 1967; M.A., 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

### **Lila Abu-Lughod**

*Joseph L. Battenwieser 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

**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

**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

**Charles K. Armstrong**

*The Korea Foundation Professor of Korean Studies in the Social Sciences*

B.A., Yale University, 1984; M.Sc., London School of Economics, 1988; Ph.D., University of Chicago, 1994

**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

**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

**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

**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

**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

**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

**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

**Sanford L. Biggers**

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

B.A., Morehouse College, 1992; M.F.A., The School of the Art Institute of Chicago, 1999

**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

**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 Assistant 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

**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 in 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

**Alan Brinkley**

*Allan Nevins Professor of American History*

A.B., Princeton University, 1971; A.M., Harvard University, 1975; Ph.D., 1979

**Gustaaf H. Brooijmans**

*Professor of Physics*

B.S., Universite 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

**Allison Busch**



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

B.A., University of British Columbia, 1992; Ph.D., University of Chicago, 2003

**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

**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**

*Assistant 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

**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**

*Professor of 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

**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

**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**

*Assistant 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

**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

**Roisin Commance**

*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**

*Assistant 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

**Gregory Fletcher Cox**

*Assistant Professor of Economics*  
B.A., Columbia University, 2011; M.A., Yale University, 2013; M.Phil, 2014; Ph.D., 2017

**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

**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**

*Loubat Professor of American Archaeology*  
B.A., University of Michigan, 1972; M.A., University of California, Los Angeles, 1975; Ph.D., 1981

**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

**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

**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

**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

**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

**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

**William B. Eimicke**

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

Ph.D., Syracuse University, 1973

**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**

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

B.A., Stanford University, 1984

**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

**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**

**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*

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

**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

**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

**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

**Francois Gerard**

*Assistant Professor of Economics*  
M.A., Université Catholique de Louvain (Belgium), 2006; Ph.D., University of California, Berkeley, 2013

**Giuseppe Gerbino**

*Associate Professor of Music*



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

**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

**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

**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

**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

**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

**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

**Tulle I. Hazelrigg***Professor of Biological Sciences*

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

**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

**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***Associate 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***Associate 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

**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

**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

**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

**Emlyn W. Hughes***Professor of Physics*



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

**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

**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**

*Professor of 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

**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

**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

**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**

*Assistant 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**

*Assistant Professor of Latin American and Iberian Cultures*

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

**Robert J. King**

*Associate 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**

*Professor 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**

*Assistant 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

**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

**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**

*Assistant 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**

*Assistant 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**

*Associate 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

**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

**James L. Leighton**

*Professor of Chemistry*

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

**Alfred W. Lerdahl***Fritz Reiner Professor of Musical Composition*

B.M., Lawrence University, 1965; M.F.A., Princeton University, 1967

**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

**Mark E. Lincicome***Associate Professor of East Asian Languages and Cultures*

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

**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

**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

**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

**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

**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

**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**

*Ina 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**

*Assistant 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

**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

**Don Jay Melnick**

*Thomas Hunt Morgan Professor of Conservation Biology in the Department of Ecology, Evolution, and Environmental Biology, and Professor of Anthropology and of Biological Sciences*

B.A., New York University, 1975; Ph.D., Yale University, 1981

**Eric R. Mendelsohn**

*Professor of Professional Practice in Film*

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

**Edward Mendelson**

*Lionel Trilling Professor in the Humanities*

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

**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

**Amber D. Miller**

*Professor of Physics*

B.A., University of California, Berkeley, 1995; M.A., Princeton University, 1998; Ph.D., 2000

**Elizabeth A. Miller**

*Associate Professor of Biological Sciences*

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

**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

**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

**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**

*Associate Professor of International and Public Affairs and of  
Economics*  
M.A., University of Massachusetts Amherst, 2004; Ph.D.,  
University of California, Berkeley, 2010

**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

**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

**Alondra R. Nelson**

*Professor of Sociology*  
B.A., University of California, San Diego, 1994; M.A., New York  
University, 1999; Ph.D., 2003

**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

**Meredith K. Nettles**

*Associate Professor of Earth and Environmental Sciences*

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

**Serena Ng**

*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

**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

**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

**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

**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

**Jeremiah P. Ostriker**

*Professor of Astronomy*

A.B., Harvard University, 1959; Ph.D., University of Chicago, 1964

**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

**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. Paredez***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

**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

**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 Pasztory***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***Gouverneur 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

**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

**Christine M. Philiou***Associate Professor of History*

B.A., Columbia University, 1994; M.A., Princeton University, 1998; Ph.D., 2004

**Justin H. Phillips***Professor of Political Science*

B.A., Lewis and Clark College, 1998; Ph.D., University of California, San Diego, 2005

**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

**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**

**Ying Qian**

*Assistant Professor of East Asian Languages and Cultures*

Ph.D. Harvard University, 2013

**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

**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**

*Laurens 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

**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

**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

**Rachel A. Rosen**

*Assistant 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

**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 Rovic**

*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

**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

**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

**Tobias Salz**

*Assistant Professor of Economics*

Diplom, University of Bonn (Germany), 2010; Ph.D., New York University, 2016

**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

**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

**Andrei Serban**

*Professor in the Faculty of the Arts*

M.F.A., Theatre Institute (Romania), 1968

**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

**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

**Michael P. Sheetz**

*Professor Emeritus of Cell Biology*

B.A., Albion College, 1968; Ph.D., California Institute of  
Technology, 1972



**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

**Cristobal S. Silva***Associate Professor of English and Comparative Literature*

B.A., University of California, Berkeley, 1992; M.A., New York University, 1998; Ph.D., 2003

**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

**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

**Pamela H. Smith***Seth Low Professor of History*

B.A., University of Wollongong (Australia), 1979; Ph.D., Johns Hopkins University, 1991

**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

**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

**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

**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

**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

**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

**Una Stojnić**

*Assistant Professor of Philosophy*

B.A., University of Belgrade, 2010; Ph.D., Rutgers University, 2016

**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

**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

**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**

**Kathryn C.M. Tabb**

*Assistant Professor of Philosophy*

B.A., University of Chicago, 2006; M.Phil., University of Cambridge, 2008; Ph.D., University of Pittsburgh, 2015

**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

**Robert A. F. Thurman**

*Jey Tsong Khapa Professor of Indo-Tibetan Buddhist Studies in the Department of Religion*

A.B., Harvard University, 1962; A.M., 1969; Ph.D., 1972

**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**

*Assistant 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

**Nim Tottenham**

*Professor of Psychology*

B.A., Barnard College, 1996; Ph.D., University of Minnesota, 2005

**Van C. Tran**

*Assistant Professor of Sociology*

A.A., Hostos Community College - CUNY, 2002; B.A., Hunter College - CUNY, 2004; A.M., Harvard University, 2007; Ph.D., 2011

**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

**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**

**Yasutomo Uemura**

*Professor of Physics*

B.S., University of Tokyo, 1977; M.S., 1979; D.Sc., 1982

**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

### **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

### **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

### **Mu-Tao Wang**

*Professor of Mathematics*

M.S., National Taiwan University, 1992; Ph.D., Harvard University, 1998

### **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

**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***Professor of Sociology*

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

**Craig Wilder***Robert Gardiner Professor of History*

B.A., Fordham University, 1987; M.A., Columbia University, 1989; M.Phil., 1993; Ph.D., 1994

**Sebastian Will***Assistant Professor of Physics*

Diplom., Johannes Gutenberg University Mainz 2006; Ph.D., 2011

**Gareth D. Williams***Violin Family Professor of Classics*

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

**Emma L. Winter***Assistant Professor of History*

B.A., University of Cambridge, 1998; M.A., 2001; M.Phil., 1999; Ph.D., 2005

**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

**Eugene Wu***Assistant Professor of Computer Science*



Ph.D., Massachusetts Institute of Technology, 2014

## Y

### 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

### 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

### Zhiliang Ying

*Professor of Statistics*

B.S., Fudan University (China), 1982; M.A., Columbia University, 1984; Ph.D., 1987

### 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 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 2018–19

**Thomas W. Cornacchia** '85, P: '17, '19

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**Nairi Balian** '88, P: '16, '22

*Vice Chair*

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**Michael I. Barry** '89, P: '21

**Jonathan D. Bram** '87, P: '14, '17

**Leslie Gittess Brodsky** '88

**Joyce Chang** '86

**Douglas A. Cifu, Esq.** '87, LAW'90

**Anna Fang-Hamm** '04

**Andrew A. Fink** '91, LAW'94

**Dede Gardner** '90

**Michelle Jacobson Goldberg** '91

**Robert J. Grey** '72, P: BUS'07

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**Britta Wilson Jacobson** '96

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**Joel I. Klein Esq.** '67

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**Hugh James Lawson** '91

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**Victor H. Mendelson** '89, P: '18, '20

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**Adam R. Meshel Esq.** '92, LAW'95, P: '18

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**Renan Pierre** '86, SEAS'87

**Robert P. Rooney** '89

**Teresa M. Saputo-Crerend** '87, BU'92, P: '22

**Michael S. Satow** '88, P: '21

**Michael J. Schmidtberger Esq.** '82, LAW'85

**Xiandong 'Adam' Tan** P: '21

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

**Shazi Visram** '99, BU'04

**William A. von Mueffling** '90, BUS'95

**Alisa Amarosa Wood** '01, BUS'08

## OFFICERS OF COLUMBIA COLLEGE 2018–2019

**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 (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

**Joseph Ayala**

*Executive Director, Double Discovery Center*

B.A., Columbia University, 1994; M.F.A., Sarah Lawrence College, 1999

**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

**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

**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

**Rebecca Curtin Ugolnik**

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

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

**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

**MaryMartha E. Ford-Dieng**

*Adviser/Program Coordinator, James H. and Christine Turk Berick Center for Student Advising*

B.A., Temple University, 2003; M.Ed., Northeastern University, 2014

**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 Hersherberger**

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

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

**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

**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

**Roosevelt Montas**

*Director of the Center for the Core Curriculum and Associate Dean of Academic Planning and Administration*

B.A., Columbia University, 1995; M.A., 1996; M.Phil., 1999; Ph.D., 2004

**Niamh O'Brien**

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

B.A., Trinity College Dublin (Ireland), 1990; M.S., New York University, 2003

**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

**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**

Office of 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](mailto:ugrad-ask@columbia.edu)

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

For information about undergraduate admissions, please visit the Office of Undergraduate Admissions website ([http://  
undergrad.admissions.columbia.edu](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 **2018–2019 academic year** of nine months is as follows:

Tuition	\$56,608
Mandatory Fees	\$2,822
Average Room and Board Cost	\$14,016
Books and Personal Expenses	\$3,410
Travel	varies
<b>Total</b>	<b>\$76,856 + Travel</b>

There is an additional charge of \$450 for new students who are required to attend Orientation.

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

## FEES

The following fees, prescribed by statute for each Fall or Spring term, are subject to change at any time at the discretion of the Trustees. The fees shown are those in effect during the 2018–2019 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 2018–2019

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 2018–2019 is \$28,304 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 \$1,890.

## 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	\$1,700
Columbia Health Fee	\$1,122
<b>Total</b>	<b>\$2,822</b>

## 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 \$90 each term, totaling \$180 for academic year 2018–2019. 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 departments of Columbia Health:

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

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

The Columbia Health and Related Services Fee is billed separately for each term. The periods of coverage and fees for 2018–2019 are as follows:

Fall Term	August 15, 2018– December 31, 2018	\$561
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Spring Term	January 1, 2019– August 14, 2019	\$561
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### Student Health Insurance Premiums

The University policy also 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), which provides two levels of coverage for off-campus health care. The Columbia Plan is administered and underwritten by Aetna Student Health. As with all health insurance programs, there are limits and restrictions to the coverage provided by the Columbia Plan.

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

Domestic students who already have an alternate insurance plan that meets the University requirements may request a waiver from enrollment through Student Services Online (SSOL) (<https://ssol.columbia.edu>) before the deadline (September 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. Each year students must make an enrollment/waiver request on SSOL. For the current dates of the open enrollment period, visit <http://health.columbia.edu/insurance>.

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](mailto:studentinsurance@columbia.edu), 212-854-3286 (<http://bulletin.columbia.edu/columbia-college/fees-expenses-financial-aid/tel:212-854-3286>), or by visiting the office on the 3<sup>rd</sup> Floor of John Jay Hall.

Columbia Plan rates and benefits change annually. Please visit the Columbia Health Insurance website for rates and plan details: <http://health.columbia.edu/insurance>.

Domestic students who do not make a selection and drop below full-time status during the Change of Program period (<http://bulletin.columbia.edu/columbia-college/academic-calendar>) will have their Columbia Health and Related Services Fee and Columbia Plan premiums reversed.

For detailed information about Columbia Health, the Student Health Insurance Plan, or submitting a waiver request, visit <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 (<https://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 Columbia 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>.

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 <b>for new students only</b> , plus \$75 Withdrawal fee
3rd week	10% tuition, fees, plus \$75 Withdrawal fee
4th week	20% tuition, fees, plus \$75 Withdrawal fee
5th week	30% tuition, fees, plus \$75 Withdrawal fee
6th week	40% tuition, fees, plus \$75 Withdrawal fee
7th week	50% tuition, fees, plus \$75 Withdrawal fee
8th week	60% tuition, fees, plus \$75 Withdrawal fee

9th week 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**

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

### **Office Location**

618 Alfred Lerner Hall  
2920 Broadway  
New York, NY 10027

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

**Telephone:** 212-854-3711

**Fax:** 212-854-5353

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

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

Columbia is committed to meeting the full demonstrated financial need for all 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.

#### 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: '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.

BASS FAMILY SCHOLARSHIP FUND  
(2016) Gift of Thomas and Michele Bass P: CC'18.

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.

GIUSEPPE AND MARIA BISIO SCHOLARSHIP FUND  
(1993) Gift of Attilio Bisio CC'52, SEAS'53, SEAS'54, P: CC'85, LAW'92 in honor of Giuseppe and Maria Bisio.

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.

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.

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.

#### JOHN CHEE SCHOLARSHIP FUND

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

#### CHARLIE CHO SCHOLARSHIP FUND

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

#### THE CHODASH FAMILY SCHOLARSHIP FUND

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

#### 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 Ciania 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.

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 ^.

LAURA AND STEVEN COLEMAN SCHOLARSHIP FUND  
(2013) Gift of Steven E. Coleman CC'83, P: CC'15, CC'20.

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.

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

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

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

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.

#### 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.

BURT R. EHRLICH MEMORIAL FUND  
(2017) Gift of various donors in memory of Burt 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.

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.

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.

ALBERT W. FRIBOURG SCHOLARSHIP FUND  
(1993) Bequest of Albert W. Fribourg CC'24, LAW'27.

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

THE THOMAS R. GOETHALS SCHOLARSHIP FUND  
(2017) Bequest of Thomas R. Goethals, Jr. GSAS'59.

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 ESTATE SCHOLARSHIP GIFT  
(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.

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.

#### 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.

#### 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. KALAJDZIAN SCHOLARSHIP

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

#### KAMATH FAMILY SCHOLARSHIP FUND

(2014) Gift of Anantha N. and Sucheta A. Kamath P: CC'17, 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.

#### 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 Rachele 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.

LIEPPE FAMILY HOPE SCHOLARSHIP  
(2016) Gift of Charles A. Lieppe CC'66.

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 ENDOWMENT 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.

#### 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.

#### MCKEEVER FAMILY SCHOLARSHIP

(2012) Gift of Valerie and Michael F. McKeever P: CC'11.

#### 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. MICHOM SCHOLARSHIP FUND**

(1948) Bequest of Joseph Stewart Michtom.

**THE IRA L. 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 ^.

**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. Osherov GS'49, GSAS'52.

#### JENNIFER MAXFIELD OSTFELD AND SCOTT D. OSTFELD FAMILY SCHOLARSHIP FUND

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

#### OUZOUNIAN FAMILY SCHOLARSHIP FUND

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

#### OZ FAMILY SCHOLARSHIP FUND

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

#### OZALTIN FAMILY SCHOLARSHIP FUND

(2010) Gift of Nuri Ozaltin.

## P

#### PACKER-BAYLISS SCHOLARS

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

#### STELIOS AND ESPERANZA PAPADOPOULOS SCHOLARSHIP FUND

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

#### EMANUEL M. PAPPER AND PATRICIA M. SCHOLARSHIP FUND

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

#### MAX PAPPER SCHOLARSHIP FUND

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

#### MONTONE PARDI FAMILY SCHOLARSHIP FUND

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

#### JOHN AND MINNIE PARKER NATIONAL SCHOLARSHIP FUND GIFT

(1960) Gift of Minnie Parker Charitable Trust.

#### HERBERT AND JEANETTE PEARL SCHOLARSHIP FUND

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

ROBERT I. PEARLMAN SCHOLARSHIP FUND - CC  
(1989) Gift of Robert I. Pearlman CC'55, SEAS'55, SEAS'56.

B. DAVID AND ROSANN PECK SCHOLARSHIP FUND  
(1989) Gift of Barry D. Peck CC'59, P: CC'91, GSAPP'91.

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

ANTHONY PENALE SCHOLARSHIP FUND  
(1996) Bequest of Anthony G. Penale GSAS'49.

HERBERT C. PENTZ SCHOLARSHIP FUND  
(2002) Bequest of Herbert C. Pentz CC'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 ^.

#### JOHN AND EUNICE RIM SCHOLARSHIP

(2014) Gift of Eunice and John C. B. Rim SEAS'82.

#### RINGEL FAMILY SCHOLARSHIP FUND

(2017) Gift of Dean I. Ringel CC'67.

#### 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 BEQUEST SCHOLARSHIP FUND

(2018) Bequest of Joseph Rubin CC'60, BUS'60, SIPA'69, GSAS'79.

#### 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.

#### 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.

#### ESTHER AND JULIUS SPIEGEL SCHOLARSHIP FUND

(2015) Gift of Allen M. Spiegel CC'67.

#### 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.

SOLON E. SUMMERFIELD FOUNDATION INC., SCHOLARSHIP FUND  
(1956) Gift of the Solon E. Summerfield Foundation, Inc.

BERNARD AND MARJORIE SUNSHINE SCHOLARSHIP  
(2002) Gift of Bernard Sunshine CC'46, P: CC'79, GSAS'83, GSAS'89, GSAS'91 and Marjorie H. Sunshine LS'69, P: CC'79, GSAS'83, GSAS'89, GSAS'91.

SURDNA FOUNDATION SCHOLARSHIP FUND  
(1966) Gift of the Surdna Foundation, Inc.

SUSTAINABLE DEVELOPMENT SCHOLARSHIP ENDOWMENT FUND  
(2010) Gift of Joseph H. Ellis CC'64 and Barbara Ellis BC'64, GSAS'65.

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

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

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

AGNES CHI-CHEN LIN SZE COLUMBIA BUSINESS SCHOOL CLASS OF 1945 SCHOLARSHIP FUND  
(2015) Gift of Morgan Sze in memory of his mother, Agnes C. Lin Sze BUS'45.

## T

THE LEAH G. AND CHRISTOPHER K. TAHBAZ FAMILY SCHOLARSHIP FUND  
(2015) Gift of Christopher K. Tahbaz CC'86, LAW'90.

DANIEL TAMKIN AND CINDY CARDINAL SCHOLARSHIP FUND  
(2009) Gift of Daniel S. Tamkin CC'81, P: CC'12 and Lucinda M. Cardinal BC'83, P: CC'12.

THE ANGELO TARALLO MEMORIAL SCHOLARSHIP FUND  
(2005) Gift of Patricia Tarallo W: CC'61, LAW'64.

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

#### 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.

#### 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.

#### 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.

#### 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.

#### 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.

## BONG AND MAY YU SCHOLARSHIP FUND

(2016) Gift of Bong Y. and May W. Yu P: CC'88, CC'89, SEAS'90.

## 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
- all the Core Curriculum courses and requirements
- 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. All courses taken multiple times appear on the student's official transcript, but only the grade received in a course taken for the first time is awarded credit, unless it is a grade of F. If a student has received credit for a course and then takes the course again for some reason, the second course registration cannot be counted toward the 12-point minimum required for full-time status in any given semester. 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 previous courses in which the content has been substantially duplicated, at Columbia or elsewhere. For example, credit cannot be earned for two first-term calculus courses, even if one is more theoretical in approach than the other; 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. 79). 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 and Masterpieces of Western Literature and Philosophy
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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 and Introduction To Contemporary Civilization In the West
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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 terms from the list of approved courses

### Global Core Requirement

Two terms from the list of approved courses

### Foreign Language Requirement

Four terms or the equivalent

### Physical Education

Two terms and a swimming test

Students are 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 appropriate committees for courses taken elsewhere 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 major consists of intensive study in one department involving the satisfaction of a variety of requirements; a concentration demands fewer departmental course points or requirements than a major.

Whether the student chooses a major or concentration depends on their particular aims and needs, as well as on the offerings of the particular department in which they plan to work. It should be emphasized that this requirement is not designed to produce professionally trained specialists, nor is it assumed that students will ultimately pursue employment in work related to the subject in which they are majoring or concentrating. It is, however, assumed that the intensive study in an academic department, together with the successful completion of the Core Curriculum and the remaining degree requirements, will afford students an 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](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 at this time.

## 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 — i.e., 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;
- all Core Curriculum courses and requirements;
- 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), 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>).

Approval depends on the quality of the proposal, the student's qualifications, and the availability of an appropriate faculty adviser.

## 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.

# 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

Giuseppe Gerbino  
*Associate Professor of Music*  
Chair of Music Humanities  
621 Dodge; 212-854-6299  
gg2024@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

Roosevelt Montás  
*Director of the Center for the Core Curriculum*  
Associate Dean of Academic Planning and Administration  
202 Hamilton; 212-854-2453  
rm63@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*, 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, Aeschylus, Sophocles, Herodotus, Aristophanes, Virgil, Augustine, Dante, Montaigne, Shakespeare, Austen, Dostoevsky, and Woolf, 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* is included in the registration materials sent to students. All first-year students are preregistered in *Literature Humanities*.

All Core Curriculum courses, including *Literature Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Literature Humanities* after the Core drop deadline, which is also the end of the Change-of-Program period (p. 4). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### HUMA CC1001 Masterpieces of Western Literature and Philosophy. 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.

### Fall 2018: HUMA CC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1001	001/21456	M W 8:10am - 10:00am 306 Hamilton Hall	Julianna Visco	4	21/22
HUMA 1001	002/11177	M W 8:10am - 10:00am 309 Hamilton Hall	Kate Brassel	4	20/22
HUMA 1001	003/23166	M W 12:10pm - 2:00pm 309 Hamilton Hall	Michael Stanislawski	4	22/22
HUMA 1001	004/16379	M W 12:10pm - 2:00pm 425 Pupin Laboratories	Joseph Albernaz	4	22/22
HUMA 1001	005/70489	M W 12:10pm - 2:00pm 601b Fairchild Life Sciences Bldg	Valeria Tsygankova	4	22/22
HUMA 1001	006/27661	M W 12:10pm - 2:00pm 109 Hardley Hall	Dhananjay Jagannathan	4	22/22
HUMA 1001	007/16732	M W 12:10pm - 2:00pm 313 Pupin Laboratories	Jennifer Rhodes	4	22/22
HUMA 1001	008/71689	M W 2:10pm - 4:00pm 402 Hamilton Hall	Liza Knapp	4	21/22
HUMA 1001	009/23271	M W 2:10pm - 4:00pm 318 Hamilton Hall	Michael Paulson	4	22/22
HUMA 1001	010/19851	M W 2:10pm - 4:00pm 325 Pupin Laboratories	Sahar Ullah	4	22/22
HUMA 1001	011/24017	M W 2:10pm - 4:00pm 509 Hamilton Hall	Wolfgang Mann	4	19/22
HUMA 1001	012/69855	M W 2:10pm - 4:00pm 302 Hamilton Hall	Cristobal Silva	4	22/22
HUMA 1001	013/71433	M W 2:10pm - 4:00pm 306 Hamilton Hall	Joseph Howley	4	22/22
HUMA 1001	014/11350	M W 4:10pm - 6:00pm 301 Hamilton Hall	Branka Arsic	4	22/22
HUMA 1001	015/60343	M W 4:10pm - 6:00pm 425 Pupin Laboratories	James Adams	4	21/22
HUMA 1001	016/67014	M W 4:10pm - 6:00pm 424 Pupin Laboratories	Lauren Robertson	4	22/22
HUMA 1001	017/70642	M W 4:10pm - 6:00pm	Nancy Workman	4	22/22



		224 Pupin Laboratories						109 Hartley Hall			
HUMA 1001	018/71919	M W 4:10pm - 6:00pm 316 Hamilton Hall	Jessica Merrill	4	21/22	HUMA 1001	039/60009	T Th 12:10pm - 2:00pm 302 Hamilton Hall	Dalia Inbal	4	22/22
HUMA 1001	019/14803	M W 4:10pm - 6:00pm 318 Hamilton Hall	Dennis Tenen	4	22/22	HUMA 1001	040/77192	T Th 12:10pm - 2:00pm 111 Carman Hall	Yujhan Claros	4	20/22
HUMA 1001	020/16993	M W 4:10pm - 6:00pm C01 80 Claremont	Matthew Hart	4	21/22	HUMA 1001	041/15405	T Th 12:10pm - 2:00pm 306 Hamilton Hall	Zachary Roberts	4	21/22
HUMA 1001	021/12030	M W 6:10pm - 8:00pm 201 80 Claremont	Konstantia Zanou	4	20/22	HUMA 1001	042/27777	T Th 2:10pm - 4:00pm 302 Hamilton Hall	Marc Van De Mieroop	4	20/22
HUMA 1001	022/27948	M W 6:10pm - 8:00pm 111 Carman Hall	Gabriel Bloomfield	4	16/22	HUMA 1001	043/27552	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Edward Mendelson	4	21/22
HUMA 1001	023/71315	M W 6:10pm - 8:00pm 109 Hartley Hall	Barbara Vinck	4	18/22	HUMA 1001	044/25434	T Th 2:10pm - 4:00pm 425 Pupin Laboratories	Molly Murray	4	22/22
HUMA 1001	024/22501	T Th 8:10am - 10:00am 306 Hamilton Hall	Zachary Roberts	4	22/22	HUMA 1001	045/11759	T Th 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Ezra Tawil	4	22/22
HUMA 1001	025/16749	T Th 8:10am - 10:00am 302 Hamilton Hall	Rosa Schneider	4	20/22	HUMA 1001	046/16623	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Michael Paulson	4	22/22
HUMA 1001	026/66088	T Th 10:10am - 12:00pm 309 Hamilton Hall	Karen Van Dyck	4	22/22	HUMA 1001	047/74836	T Th 2:10pm - 4:00pm 253 Engineering Terrace	Daniel Williams	4	20/22
HUMA 1001	027/69314	T Th 10:10am - 12:00pm 412 Pupin Laboratories	Sarah bin Tyeer	4	17/22	HUMA 1001	048/21141	T Th 2:10pm - 4:00pm C01 80 Claremont	Austin Graham	4	22/22
HUMA 1001	028/17798	T Th 10:10am - 12:00pm 402 Hamilton Hall	Mark Anderson	4	22/22	HUMA 1001	049/72049	T Th 4:10pm - 6:00pm 109 Hartley Hall	Emily Madison	4	20/22
HUMA 1001	029/73940	T Th 10:10am - 12:00pm 318 Hamilton Hall	Eliza Zingesser	4	18/22	HUMA 1001	050/68118	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Nassime Chida	4	20/22
HUMA 1001	030/15064	T Th 10:10am - 12:00pm C01 80 Claremont	Shulamit Shinnar	4	18/22	HUMA 1001	051/67222	T Th 4:10pm - 6:00pm 313 Hamilton Hall	Dalia Inbal	4	22/22
HUMA 1001	031/22138	T Th 10:10am - 12:00pm 101 Knox Hall	Rebecca Pawel	4	20/22	HUMA 1001	052/65492	T Th 4:10pm - 6:00pm 201a Philosophy Hall	Paraskevi Martzavou	4	18/22
HUMA 1001	032/76544	T Th 10:10am - 12:00pm 407 Mathematics Building	Anna Conser	4	20/22	HUMA 1001	053/23185	T Th 4:10pm - 6:00pm 609 Hamilton Hall	Matteo Pace	4	20/22
HUMA 1001	033/68264	T Th 10:10am - 12:00pm 311 Fayerweather	Allison DeWitt	4	21/22	HUMA 1001	054/75567	T Th 4:10pm - 6:00pm C01 80 Claremont	Taarini Mookherjee	4	13/22
HUMA 1001	034/64837	T Th 10:10am - 12:00pm 607 Hamilton Hall	Eleanor Johnson	4	22/22	HUMA 1001	055/74818	T Th 6:10pm - 8:00pm 206 Broadway Residence Hall	Sophie Pinkham	4	16/22
HUMA 1001	035/72907	T Th 10:10am - 12:00pm 613 Hamilton Hall	Rex Barnes	4	21/22	HUMA 1001	056/66400	T Th 6:10pm - 8:00pm 111 Carman Hall	Umberto Mazzei	4	14/22
HUMA 1001	036/71648	T Th 12:10pm - 2:00pm 301 Hamilton Hall	Andrew Jungclaus	4	21/22	HUMA 1001	057/27875	T Th 6:10pm - 8:00pm 109 Hartley Hall	Shiv Subramaniam	4	16/22
HUMA 1001	037/24164	T Th 12:10pm - 2:00pm 206 Broadway Residence Hall	Katharine McIntyre	4	22/22	HUMA 1001	061/21103	M W 2:10pm - 4:00pm 309 Hamilton Hall	Kate Brassel	4	22/22
HUMA 1001	038/75459	T Th 12:10pm - 2:00pm	Sarah Arkebauer	4	21/22						

HUMA 1001	062/71194	M W 2:10pm - 4:00pm 313 Pupin Laboratories	Jennifer Rhodes	4	22/22	HUMA 1002	013/29159	M W 2:10pm - 4:00pm 306 Hamilton Hall	Joseph Howley	4	21/22
HUMA 1001	063/13350	M W 4:10pm - 6:00pm 313 Hamilton Hall	Atefeh Akbari Shahmirzadi	4	22/22	HUMA 1002	014/15173	M W 4:10pm - 6:00pm 301 Hamilton Hall	Branka Arsic	4	22/22
						HUMA 1002	015/21047	M W 4:10pm - 6:00pm 425 Pupin Laboratories	James Adams	4	18/22

### HUMA CC1002 Masterpieces of Western Literature and Philosophy. 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 2019: HUMA CC1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
HUMA 1002	001/70577	M W 8:10am - 10:00am 306 Hamilton Hall	Julianne Visco	4	22/22	HUMA 1002	020/23445	M W 4:10pm - 6:00pm C01 80 Claremont	David Albert	4	20/22
HUMA 1002	002/15777	M W 8:10am - 10:00am 309 Hamilton Hall	Kate Brassel	4	21/22	HUMA 1002	021/67544	M W 6:10pm - 8:00pm 201 80 Claremont	Konstantia Zanou	4	22/22
HUMA 1002	003/69453	M W 12:10pm - 2:00pm 309 Hamilton Hall	Michael Stanislowski	4	22/22	HUMA 1002	022/25503	M W 6:10pm - 8:00pm 111 Carman Hall	Gabriel Bloomfield	4	20/22
HUMA 1002	004/29653	M W 12:10pm - 2:00pm 222 Pupin Laboratories	David Eisenbach	4	21/22	HUMA 1002	023/25685	M W 6:10pm - 8:00pm 109 Hartley Hall	Barbara Vinck	4	20/22
HUMA 1002	005/27459	M W 12:10pm - 2:00pm 601b Fairchild Life Sciences Bldg	Valeria Tsygankova	4	21/22	HUMA 1002	024/64964	T Th 8:10am - 10:00am 306 Hamilton Hall	Zachary Roberts	4	22/22
HUMA 1002	006/16292	M W 12:10pm - 2:00pm 109 Hartley Hall	Dhananjay Jagannathan	4	22/22	HUMA 1002	026/18048	T Th 10:10am - 12:00pm 309 Hamilton Hall	Bianca Calabresi	4	19/22
HUMA 1002	007/68916	M W 12:10pm - 2:00pm 313 Pupin Laboratories	Jennifer Rhodes	4	22/22	HUMA 1002	027/14638	T Th 10:10am - 12:00pm 616 Hamilton Hall	Sarah bin Tyeer	4	20/22
HUMA 1002	008/22889	M W 2:10pm - 4:00pm 402 Hamilton Hall	Liza Knapp	4	21/22	HUMA 1002	028/73434	T Th 10:10am - 12:00pm 402 Hamilton Hall	Mark Anderson	4	19/22
HUMA 1002	009/16288	M W 2:10pm - 4:00pm 307 Pupin Laboratories	Michael Paulson	4	21/22	HUMA 1002	029/23735	T Th 10:10am - 12:00pm 318 Hamilton Hall	Eliza Zingesser	4	13/22
HUMA 1002	010/65300	M W 2:10pm - 4:00pm 325 Pupin Laboratories	Sahar Ullah	4	22/22	HUMA 1002	030/26935	T Th 10:10am - 12:00pm C01 80 Claremont	Shulamit Shinnar	4	22/22
HUMA 1002	011/74776	M W 2:10pm - 4:00pm 509 Hamilton Hall	Patricia Grieve	4	21/22	HUMA 1002	031/27213	T Th 10:10am - 12:00pm 206 Broadway Residence Hall	Rebecca Pawel	4	21/22
HUMA 1002	012/19506	M W 2:10pm - 4:00pm 302 Hamilton Hall	Cristobal Silva	4	22/22	HUMA 1002	032/16826	T Th 10:10am - 12:00pm 412 Pupin Laboratories	Joseph Albernaz	4	20/22
						HUMA 1002	033/62309	T Th 10:10am - 12:00pm	Allison DeWitt	4	21/22

HUMA 1002	034/64325	311 Fayerweather T Th 10:10am - 12:00pm 607 Hamilton Hall	Eleanor Johnson	4	22/22
HUMA 1002	035/14845	T Th 10:10am - 12:00pm 613 Hamilton Hall	Rex Barnes	4	22/22
HUMA 1002	036/20270	T Th 12:10pm - 2:00pm 301 Hamilton Hall	Andrew Jungclaus	4	21/22
HUMA 1002	037/29393	T Th 12:10pm - 2:00pm 206 Broadway Residence Hall	Katharine McIntyre	4	22/22
HUMA 1002	038/16352	T Th 12:10pm - 2:00pm 109 Hartley Hall	Sarah Arkebauer	4	21/22
HUMA 1002	039/74304	T Th 12:10pm - 2:00pm 302 Hamilton Hall	Dalia Inbal	4	22/22
HUMA 1002	040/17575	T Th 12:10pm - 2:00pm 111 Carman Hall	Yujhan Claros	4	22/22
HUMA 1002	041/23070	T Th 12:10pm - 2:00pm 306 Hamilton Hall	Zachary Roberts	4	21/22
HUMA 1002	042/25512	T Th 2:10pm - 4:00pm 201a Philosophy Hall	Marc Van De Microop	4	17/22
HUMA 1002	043/18030	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Edward Mendelson	4	22/22
HUMA 1002	044/65187	T Th 2:10pm - 4:00pm 425 Pupin Laboratories	Molly Murray	4	21/22
HUMA 1002	045/19181	T Th 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Ezra Tawil	4	22/22
HUMA 1002	046/27158	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Michael Paulson	4	22/22
HUMA 1002	047/21945	T Th 2:10pm - 4:00pm 253 Engineering Terrace	Daniel Williams	4	21/22
HUMA 1002	048/61007	T Th 2:10pm - 4:00pm 111 Carman Hall	Austin Graham	4	22/22
HUMA 1002	049/22825	T Th 4:10pm - 6:00pm 411 Kent Hall	Emily Madison	4	22/22
HUMA 1002	050/65895	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Nassime Chida	4	22/22
HUMA 1002	051/16779	T Th 4:10pm - 6:00pm 313 Hamilton Hall	Dalia Inbal	4	22/22
HUMA 1002	052/24632	T Th 4:10pm - 6:00pm 201a Philosophy Hall	Paraskevi Martzavou	4	19/22
HUMA 1002	053/68704	T Th 4:10pm - 6:00pm	Matteo Pace	4	19/22

HUMA 1002	054/70140	609 Hamilton Hall T Th 4:10pm - 6:00pm C01 80 Claremont	Taarini Mookherjee	4	14/22
HUMA 1002	055/26090	T Th 6:10pm - 8:00pm 206 Broadway Residence Hall	Sophie Pinkham	4	18/22
HUMA 1002	056/71422	T Th 6:10pm - 8:00pm 111 Carman Hall	Umberto Mazzei	4	18/22
HUMA 1002	057/76682	T Th 6:10pm - 8:00pm 109 Hartley Hall	Shiv Subramaniam	4	19/22
HUMA 1002	061/74046	M W 2:10pm - 4:00pm 309 Hamilton Hall	Kate Brassel	4	19/22
HUMA 1002	062/68951	M W 2:10pm - 4:00pm 313 Pupin Laboratories	Jennifer Rhodes	4	22/22
HUMA 1002	063/75341	M W 4:10pm - 6:00pm 313 Hamilton Hall	Atefeh Akbari Shahmirzadi	4	21/22

## 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*, 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, Hume, Smith, Rousseau, Kant, Burke, Tocqueville, Mill, Hegel, Marx, Darwin, Nietzsche, and DuBois.

## REGISTRATION PROCEDURE

All information concerning registration in *COCI CC1101-COCI CC1102 Introduction To Contemporary Civilization In the West* is included in the registration materials sent to students. Students normally take Contemporary Civilization in their second year at Columbia.

All Core Curriculum courses, including *Contemporary Civilization*, must be taken for a letter grade. Students may not drop or withdraw from *Contemporary Civilization* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### **COCI CC1101 Introduction To Contemporary Civilization in the West. 4 points.**

*Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, Middle East and Asian Languages and Cultures, Philosophy, Political Science, Religion, Slavic Languages, and Sociology; and members of the Society of Fellows.* A study in their historical context of major contributions to the intellectual traditions that underpin contemporary civilization. Emphasis is on the history of political, social, and philosophical thought. Students are expected to write at least three papers to complete two examinations, and to participate actively in class discussions.

#### **Fall 2018: COCI CC1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1101 001/24317		M W 8:10am - 10:00am 302 Hamilton Hall	Ethan Yee	4	19/22
COCI 1101 002/19174		M W 8:10am - 10:00am 301 Hamilton Hall	Charles McNamara	4	22/22
COCI 1101 003/23469		M W 10:10am - 12:00pm 301 Hamilton Hall	Aileen Forbes	4	22/22

COCI 1101 004/62937	M W 10:10am - 12:00pm 309 Hamilton Hall	Stephanie Ramsey	4	21/22
COCI 1101 005/76101	M W 10:10am - 12:00pm 306 Hamilton Hall	Aubrey Gabel	4	22/22
COCI 1101 006/20402	M W 10:10am - 12:00pm 607 Hamilton Hall	Ardeta Gjikota	4	20/22
COCI 1101 007/60429	M W 10:10am - 12:00pm 402 Hamilton Hall	Camille Robcis	4	21/22
COCI 1101 008/62299	M W 10:10am - 12:00pm 302 Hamilton Hall	Hannah Farber	4	18/22
COCI 1101 009/76903	M W 12:10pm - 2:00pm 301 Hamilton Hall	Charles McNamara	4	20/22
COCI 1101 010/67517	M W 12:10pm - 2:00pm 302 Hamilton Hall	Bruno Bosteels	4	22/22
COCI 1101 011/18090	M W 12:10pm - 2:00pm 306 Hamilton Hall	David Eisenbach	4	21/22
COCI 1101 012/76306	M W 12:10pm - 2:00pm 111 Carman Hall	Vivek Yadav	4	18/22
COCI 1101 013/14239	M W 12:10pm - 2:00pm 402 Hamilton Hall	Caroline Marris	4	21/22
COCI 1101 014/27073	M W 12:10pm - 2:00pm 206 Broadway Residence Hall	Zachary Levine	4	22/22
COCI 1101 015/27795	M W 2:10pm - 4:00pm 301 Hamilton Hall	Daniel del Nido	4	22/22
COCI 1101 016/66409	M W 2:10pm - 4:00pm 201a Philosophy Hall	Jeremy Mhire	4	22/22
COCI 1101 017/63590	M W 2:10pm - 4:00pm 307 Pupin Laboratories	Adam Leeds	4	19/22
COCI 1101 018/65810	M W 2:10pm - 4:00pm 507 Hamilton Hall	Nadia Urbinati	4	19/22
COCI 1101 019/10582	M W 2:10pm - 4:00pm 109 Hartley Hall	Scott Lawrence	4	16/22
COCI 1101 020/71382	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Laura Martin	4	20/22
COCI 1101 021/14336	M W 2:10pm - 4:00pm 111 Carman Hall	Robert Kubala	4	21/22
COCI 1101 022/20059	M W 2:10pm - 4:00pm 224 Pupin Laboratories	Stephanie Wolfe	4	19/22
COCI 1101 023/20669	M W 4:10pm - 6:00pm 109 Hartley Hall	Aled Roberts	4	22/22
COCI 1101 024/13528	M W 4:10pm - 6:00pm	Peter Pazzagli	4	21/22

COCI 1101 025/61714	302 Hamilton Hall M W 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Lamyu Bo	4	22/22	COCI 1101 045/23293	T Th 2:10pm - 4:00pm 309 Hamilton Hall	Charles Armstrong	4	20/22
COCI 1101 026/67980	M W 4:10pm - 6:00pm 309 Hamilton Hall	Richard John	4	22/22	COCI 1101 046/70215	T Th 2:10pm - 4:00pm 318 Hamilton Hall	Richard Billows	4	22/22
COCI 1101 027/61906	M W 4:10pm - 6:00pm 402 Hamilton Hall	Rebecca Lossin	4	21/22	COCI 1101 047/15509	T Th 2:10pm - 4:00pm 402 Hamilton Hall	Pablo Piccato	4	20/22
COCI 1101 028/10949	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Victoria Wiet	4	22/22	COCI 1101 048/28188	T Th 2:10pm - 4:00pm 509 Hamilton Hall	Melissa Fusco	4	21/22
COCI 1101 029/17402	M W 4:10pm - 6:00pm 111 Carman Hall	Ignacio Ojea Quintana	4	18/22	COCI 1101 049/70955	T Th 2:10pm - 4:00pm 301 Hamilton Hall	Michelle Chun	4	22/22
COCI 1101 030/60305	M W 4:10pm - 6:00pm 306 Hamilton Hall	Carol Rovane	4	22/22	COCI 1101 050/61549	T Th 4:10pm - 6:00pm 309 Hamilton Hall	Luca Provenzano	4	22/22
COCI 1101 031/64434	M W 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	22/22	COCI 1101 051/29262	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Tunc Sen	4	21/22
COCI 1101 032/25406	M W 6:10pm - 8:00pm 302 Hamilton Hall	Giulia Bonasio	4	20/22	COCI 1101 052/68736	T Th 4:10pm - 6:00pm 412 Pupin Laboratories	Sophie Pitman	4	20/22
COCI 1101 033/61145	T Th 8:10am - 10:00am 301 Hamilton Hall	Ruairidh MacLeod	4	20/22	COCI 1101 053/22814	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Michelle Chun	4	22/22
COCI 1101 034/61322	T Th 8:10am - 10:00am 206 Broadway Residence Hall	Elizabeth Dolfi	4	20/22	COCI 1101 054/65263	T Th 4:10pm - 6:00pm 206 Broadway Residence Hall	Eric Frith	4	21/22
COCI 1101 035/24174	T Th 10:10am - 12:00pm 111 Carman Hall	Rachel Nolan	4	21/22	COCI 1101 055/19101	T Th 4:10pm - 6:00pm 111 Carman Hall	Brittany Koffer	4	21/22
COCI 1101 036/18167	T Th 10:10am - 12:00pm 302 Hamilton Hall	Thomas Dodman	4	22/22	COCI 1101 056/11007	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	22/22
COCI 1101 037/21198	T Th 10:10am - 12:00pm 306 Hamilton Hall	Jessica Kimpell	4	22/22	COCI 1101 057/26700	T Th 6:10pm - 8:00pm 306 Hamilton Hall	Lars Heisenberg	4	21/22
COCI 1101 038/63586	T Th 10:10am - 12:00pm 109 Hartley Hall	Nicole Callahan	4	22/22	COCI 1101 061/12233	M W 6:10pm - 8:00pm 306 Hamilton Hall	Adam Blazej	4	19/22
COCI 1101 039/12541	T Th 10:10am - 12:00pm 206 Broadway Residence Hall	Tianna Uchacz	4	21/22	COCI 1101 062/63462	T Th 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Sebastien Rivat	4	22/22
COCI 1101 040/29671	T Th 10:10am - 12:00pm 301 Hamilton Hall	Ruairidh MacLeod	4	21/22	COCI 1101 063/13226	T Th 6:10pm - 8:00pm 424 Kent Hall	Gal Katz	4	22/22
COCI 1101 041/22866	T Th 10:10am - 12:00pm 601b Fairchild Life Sciences Bldg	Gal Katz	4	21/22	<b>COCI CC1102 Introduction To Contemporary Civilization In the West. 4 points.</b> <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 042/11920	T Th 2:10pm - 4:00pm 111 Carman Hall	Jude Webre	4	15/22					
COCI 1101 043/26339	T Th 2:10pm - 4:00pm 109 Hartley Hall	Nicole Callahan	4	21/22					
COCI 1101 044/28805	T Th 2:10pm - 4:00pm 412 Pupin Laboratories	Daniel del Nido	4	22/22					



**Spring 2019: COCI CC1102**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>					
COCI 1102	001/65659	M W 8:10am - 10:00am 302 Hamilton Hall	Ethan Yee	4	22/22	COCI 1102 021/74417	M W 2:10pm - 4:00pm 111 Carman Hall	Robert Kubala	4	22/22
COCI 1102	002/73139	M W 8:10am - 10:00am 301 Hamilton Hall	Charles McNamara	4	21/22	COCI 1102 022/20967	M W 2:10pm - 4:00pm 224 Pupin Laboratories	Jean Cohen	4	21/22
COCI 1102	003/71517	M W 10:10am - 12:00pm 301 Hamilton Hall	Andrew Nathan	4	21/22	COCI 1102 023/68656	M W 4:10pm - 6:00pm 109 Hartley Hall	Aled Roberts	4	20/22
COCI 1102	004/60845	M W 10:10am - 12:00pm 309 Hamilton Hall	Stephanie Ramsey	4	22/22	COCI 1102 024/72018	M W 4:10pm - 6:00pm 302 Hamilton Hall	Roosevelt Montas	4	21/22
COCI 1102	005/21686	M W 10:10am - 12:00pm 306 Hamilton Hall	Aubrey Gabel	4	21/22	COCI 1102 025/70643	M W 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Lamyu Bo	4	22/22
COCI 1102	006/13925	M W 10:10am - 12:00pm 607 Hamilton Hall	Ardeta Gjikota	4	22/22	COCI 1102 026/76880	M W 4:10pm - 6:00pm 309 Hamilton Hall	Richard John	4	20/22
COCI 1102	007/69062	M W 10:10am - 12:00pm 402 Hamilton Hall	Camille Robcis	4	21/22	COCI 1102 027/28597	M W 4:10pm - 6:00pm 402 Hamilton Hall	Rebecca Lossin	4	22/22
COCI 1102	008/16710	M W 10:10am - 12:00pm 302 Hamilton Hall	Hannah Farber	4	21/22	COCI 1102 028/66170	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Victoria Wiet	4	22/22
COCI 1102	009/77206	M W 12:10pm - 2:00pm 301 Hamilton Hall	Charles McNamara	4	15/22	COCI 1102 029/26683	M W 4:10pm - 6:00pm 111 Carman Hall	Ignacio Ojea Quintana	4	19/22
COCI 1102	010/72836	M W 12:10pm - 2:00pm 302 Hamilton Hall	Bruno Bosteels	4	22/22	COCI 1102 030/12862	M W 4:10pm - 6:00pm 306 Hamilton Hall	Carol Rovane	4	22/22
COCI 1102	011/28707	M W 12:10pm - 2:00pm 306 Hamilton Hall	Una Stojnic	4	21/22	COCI 1102 031/26278	M W 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	22/22
COCI 1102	012/74810	M W 12:10pm - 2:00pm 111 Carman Hall	Vivek Yadav	4	21/22	COCI 1102 032/28785	M W 6:10pm - 8:00pm 302 Hamilton Hall	Damon Horowitz	4	22/22
COCI 1102	013/77629	M W 12:10pm - 2:00pm 402 Hamilton Hall	Caroline Marris	4	21/22	COCI 1102 033/64553	T Th 8:10am - 10:00am 301 Hamilton Hall	Ruairidh MacLeod	4	21/22
COCI 1102	014/64221	M W 12:10pm - 2:00pm 206 Broadway Residence Hall	Zachary Levine	4	22/22	COCI 1102 034/13902	T Th 8:10am - 10:00am 206 Broadway Residence Hall	Elizabeth Dolfi	4	22/22
COCI 1102	015/73462	M W 2:10pm - 4:00pm 301 Hamilton Hall	Daniel del Nido	4	21/22	COCI 1102 035/25898	T Th 10:10am - 12:00pm 111 Carman Hall	Elaine van Dalen	4	21/22
COCI 1102	016/18762	M W 2:10pm - 4:00pm 201a Philosophy Hall	Jeremy Mhire	4	22/22	COCI 1102 036/77176	T Th 10:10am - 12:00pm 302 Hamilton Hall	Thomas Dodman	4	21/22
COCI 1102	017/29226	M W 2:10pm - 4:00pm 318 Hamilton Hall	Adam Leeds	4	22/22	COCI 1102 037/70288	T Th 10:10am - 12:00pm 306 Hamilton Hall	Jessica Kimpell	4	22/22
COCI 1102	018/68909	M W 2:10pm - 4:00pm 315 Hamilton Hall	Victoria De Grazia	4	15/22	COCI 1102 038/17452	T Th 10:10am - 12:00pm 109 Hartley Hall	Nicole Callahan	4	22/22
COCI 1102	019/24280	M W 2:10pm - 4:00pm 109 Hartley Hall	Scott Lawrence	4	21/22	COCI 1102 039/71078	T Th 10:10am - 12:00pm 707 Hamilton Hall	Malgorzata Mazurek	4	15/22
COCI 1102	020/74638	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Laura Martin	4	22/22	COCI 1102 040/23470	T Th 10:10am - 12:00pm 301 Hamilton Hall	Ruairidh MacLeod	4	22/22
						COCI 1102 041/25117	T Th 10:10am - 12:00pm	Gal Katz	4	22/22

	601b Fairchild Life Sciences Bldg			
COCI 1102 042/77557	T Th 2:10pm - 4:00pm 302 Hamilton Hall	Elisabeth Ladenson	4	10/22
COCI 1102 043/29008	T Th 2:10pm - 4:00pm 109 Hartley Hall	Nicole Callahan	4	22/22
COCI 1102 044/15793	T Th 2:10pm - 4:00pm 412 Pupin Laboratories	Daniel del Nido	4	22/22
COCI 1102 045/64017	T Th 2:10pm - 4:00pm 309 Hamilton Hall	Charles Armstrong	4	22/22
COCI 1102 046/12149	T Th 2:10pm - 4:00pm 318 Hamilton Hall	Richard Billows	4	22/22
COCI 1102 047/26448	T Th 2:10pm - 4:00pm 402 Hamilton Hall	Pablo Piccato	4	22/22
COCI 1102 048/26936	T Th 2:10pm - 4:00pm 415 Schapiro Cepser	Melissa Fusco	4	20/22
COCI 1102 049/26393	T Th 2:10pm - 4:00pm 301 Hamilton Hall	Michelle Chun	4	22/22
COCI 1102 050/25555	T Th 4:10pm - 6:00pm 309 Hamilton Hall	Luca Provenzano	4	22/22
COCI 1102 051/71845	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Tunc Sen	4	22/22
COCI 1102 052/27905	T Th 4:10pm - 6:00pm 412 Pupin Laboratories	Clement Godbarg	4	21/22
COCI 1102 053/24878	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Michelle Chun	4	22/22
COCI 1102 054/73723	T Th 4:10pm - 6:00pm 206 Broadway Residence Hall	Luke Mayville	4	21/22
COCI 1102 055/66068	T Th 4:10pm - 6:00pm 111 Carman Hall	Aileen Forbes	4	11/22
COCI 1102 056/76704	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	22/22
COCI 1102 057/23063	T Th 6:10pm - 8:00pm 306 Hamilton Hall	Lars Heisenberg	4	22/22
COCI 1102 061/14002	M W 6:10pm - 8:00pm 306 Hamilton Hall	Adam Blazej	4	22/22
COCI 1102 062/21035	T Th 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Sebastien Rivat	4	21/22
COCI 1102 063/64888	T Th 6:10pm - 8:00pm 424 Kent Hall	Gal Katz	4	22/22

## ART HUMANITIES

### Chair of Art Humanities

Prof. Noam Elcott  
907 Schermerhorn  
212-854-7968  
nme2106@columbia.edu

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

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/arhum/index.html>.

## REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1121 Masterpieces of Western Art is included in the registration materials sent to students. It is the expectation of the College that all students complete *Art Humanities* by the end of their third year.

All Core Curriculum courses, including *Art Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Art Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### HUMA UN1121 Masterpieces of Western Art. 3 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 2018: HUMA UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	001/26163	M W 8:40am - 9:55am 607 Schermerhorn Hall	Alvaro Luis Lima	3	20/22
HUMA 1121	002/62902	M W 8:40am - 9:55am	Grace Harpster	3	20/22

HUMA 1121	003/70810	608 Schermerhorn Hall M W 10:10am - 11:25am	Meredith Gamer	3	21/22	HUMA 1121	020/21540	607 Schermerhorn Hall T Th 10:10am - 11:25am	Alexandra Helprin	3	21/22
HUMA 1121	004/74646	607 Schermerhorn Hall M W 10:10am - 11:25am	Kelly Presutti	3	22/22	HUMA 1121	021/62359	604 Schermerhorn Hall T Th 10:10am - 11:25am	Olivia Clemens	3	20/22
HUMA 1121	005/10621	608 Schermerhorn Hall M W 11:40am - 12:55pm	Ioannis Mylonopoulos	3	22/22	HUMA 1121	022/68703	607 Schermerhorn Hall T Th 10:10am - 11:25am	Eliza Butler	3	22/22
HUMA 1121	006/76054	604 Schermerhorn Hall M W 11:40am - 12:55pm	Hasbrouck Miller	3	21/22	HUMA 1121	023/76634	608 Schermerhorn Hall T Th 11:40am - 12:55pm	Alexandra Helprin	3	19/22
HUMA 1121	007/16180	607 Schermerhorn Hall M W 11:40am - 12:55pm	Hwanhee Suh	3	20/22	HUMA 1121	024/21231	608 Schermerhorn Hall T Th 1:10pm - 2:25pm	Sandrine Larrive-Bass	3	22/22
HUMA 1121	008/19799	607 Schermerhorn Hall M W 1:10pm - 2:25pm	Caitlin Miller	3	21/22	HUMA 1121	025/25305	607 Schermerhorn Hall T Th 2:40pm - 3:55pm	Zeynep Celik	3	20/22
HUMA 1121	009/24402	604 Schermerhorn Hall M W 1:10pm - 2:25pm	Gillian Young	3	21/22	HUMA 1121	026/28969	604 Schermerhorn Hall T Th 2:40pm - 3:55pm	Diane Bodart	3	20/22
HUMA 1121	010/25120	607 Schermerhorn Hall M W 1:10pm - 2:25pm	Nicholas Frobes- Cross	3	22/22	HUMA 1121	027/26019	607 Schermerhorn Hall T Th 2:40pm - 3:55pm	James Chamberlain	3	21/22
HUMA 1121	011/11851	608 Schermerhorn Hall M W 2:40pm - 3:55pm	Monica Bulger	3	22/22	HUMA 1121	028/70640	608 Schermerhorn Hall T Th 4:10pm - 5:25pm	Mary Superfine	3	21/22
HUMA 1121	012/23430	604 Schermerhorn Hall M W 2:40pm - 3:55pm	Gillian Young	3	21/22	HUMA 1121	029/62506	604 Schermerhorn Hall T Th 4:10pm - 5:25pm	Molly Allen	3	22/22
HUMA 1121	013/66938	607 Schermerhorn Hall M W 2:40pm - 3:55pm	Nicholas Frobes- Cross	3	22/22	HUMA 1121	030/60591	607 Schermerhorn Hall T Th 4:10pm - 5:25pm	Cleo Nisse	3	21/22
HUMA 1121	014/16505	608 Schermerhorn Hall M W 4:10pm - 5:25pm	Eleonora Pistis	3	21/22	HUMA 1121	031/71032	608 Schermerhorn Hall M W 8:40am - 9:55am	David Schneller	3	17/22
HUMA 1121	015/19107	604 Schermerhorn Hall M W 4:10pm - 5:25pm	Susan Sivard	3	20/22	HUMA 1121	032/74735	604 Schermerhorn Hall M W 10:10am - 11:25am	Martina Mims	3	21/22
HUMA 1121	016/10261	607 Schermerhorn Hall M W 4:10pm - 5:25pm	Alexander Ekserdjian	3	22/22	HUMA 1121	033/68933	607 Schermerhorn Hall T Th 11:40am - 12:55pm	Michael Sanchez	3	20/22
HUMA 1121	017/20765	608 Schermerhorn Hall M W 5:40pm - 6:55pm	Corey Ratch	3	17/22	HUMA 1121	034/26245	604 Schermerhorn Hall T Th 1:10pm - 2:25pm	Michael Sanchez	3	19/22
HUMA 1121	018/27825	604 Schermerhorn Hall M W 5:40pm - 6:55pm	Irina Oryshkevich	3	22/22	HUMA 1121	035/71698	607 Schermerhorn Hall T Th 8:40am - 9:55am	Tara Kuruvilla	3	19/22
HUMA 1121	019/63032	607 Schermerhorn Hall T Th 8:40am - 9:55am	Elizabeth Perkins	3	22/22	HUMA 1121	036/77899	604 Schermerhorn Hall T Th 8:40am - 9:55am	Page Knox	3	21/22

HUMA 1121	037/86197	608 Schermerhorn Hall T Th 11:40am - 12:55pm	Eliza Butler	3	22/22	HUMA 1121	013/73478	604 Schermerhorn Hall M W 2:40pm - 3:55pm	Gillian Young	3	22/22
HUMA 1121	038/91950	607 Schermerhorn Hall T Th 1:10pm - 2:25pm	James Chamberlain	3	20/22	HUMA 1121	014/20695	607 Schermerhorn Hall M W 2:40pm - 3:55pm	Eszter Polonyi	3	21/22
HUMA 1121	039/98249	608 Schermerhorn Hall T Th 5:40pm - 6:55pm	Valerie Zinner	3	17/22	HUMA 1121	015/63155	608 Schermerhorn Hall M W 4:10pm - 5:25pm	Nicholas Frobess-Cross	3	21/22
HUMA 1121	040/70950	607 Schermerhorn Hall T Th 5:40pm - 6:55pm	Molly Allen	3	21/22	HUMA 1121	016/24412	604 Schermerhorn Hall M W 4:10pm - 5:25pm	Gillian Young	3	22/22
<b>Spring 2019: HUMA UN1121</b>						HUMA 1121	017/19166	607 Schermerhorn Hall M W 4:10pm - 5:25pm	Cleo Nisse	3	21/22
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>	HUMA 1121	018/28638	608 Schermerhorn Hall M W 5:40pm - 6:55pm	Nicholas Frobess-Cross	3	22/22
HUMA 1121	001/24362	608 Schermerhorn Hall M W 8:40am - 9:55am	Grace Harpster	3	21/22	HUMA 1121	019/63300	604 Schermerhorn Hall M W 5:40pm - 6:55pm	Valerie Zinner	3	22/22
HUMA 1121	002/24978	604 Schermerhorn Hall M W 8:40am - 9:55am	David Schneller	3	21/22	HUMA 1121	020/16295	607 Schermerhorn Hall T Th 8:40am - 9:55am	Page Knox	3	22/22
HUMA 1121	003/25842	607 Schermerhorn Hall M W 10:10am - 11:25am	Martina Mims	3	22/22	HUMA 1121	021/16621	608 Schermerhorn Hall T Th 8:40am - 9:55am	Molly Allen	3	21/22
HUMA 1121	004/28533	608 Schermerhorn Hall M W 10:10am - 11:25am	Alexandra Helprin	3	22/22	HUMA 1121	022/17177	604 Schermerhorn Hall T Th 8:40am - 9:55am	Monica Bulger	3	21/22
HUMA 1121	005/22216	604 Schermerhorn Hall M W 10:10am - 11:25am	Dawn Delbanco	3	20/22	HUMA 1121	023/66375	607 Schermerhorn Hall T Th 10:10am - 11:25am	Molly Allen	3	22/22
HUMA 1121	006/69303	604 Schermerhorn Hall M W 11:40am - 12:55pm	Ioannis Mylonopoulos	3	22/22	HUMA 1121	024/23516	604 Schermerhorn Hall T Th 10:10am - 11:25am	Holger Klein	3	22/22
HUMA 1121	007/28993	607 Schermerhorn Hall M W 11:40am - 12:55pm	Kelly Presutti	3	22/22	HUMA 1121	025/75842	607 Schermerhorn Hall T Th 10:10am - 11:25am	Eliza Butler	3	22/22
HUMA 1121	008/70933	608 Schermerhorn Hall M W 11:40am - 12:55pm	Alexandra Helprin	3	18/22	HUMA 1121	026/27959	608 Schermerhorn Hall T Th 11:40am - 12:55pm	Eliza Butler	3	22/22
HUMA 1121	009/12697	604 Schermerhorn Hall M W 1:10pm - 2:25pm	Caitlin Miller	3	20/22	HUMA 1121	027/19814	608 Schermerhorn Hall T Th 11:40am - 12:55pm	Caroline Wamsler	3	21/22
HUMA 1121	010/17816	607 Schermerhorn Hall M W 1:10pm - 2:25pm	Hasbrouck Miller	3	21/22	HUMA 1121	028/63851	604 Schermerhorn Hall T Th 11:40am - 12:55pm	Michael Sanchez	3	21/22
HUMA 1121	011/17494	608 Schermerhorn Hall M W 1:10pm - 2:25pm	Hwanhee Suh	3	21/22	HUMA 1121	029/28540	607 Schermerhorn Hall T Th 1:10pm - 2:25pm	Sandrine Larrive-Bass	3	22/22
HUMA 1121	012/64422	608 Schermerhorn Hall M W 2:40pm - 3:55pm	Maria Gonzalez Pendas	3	19/22						

		608 Schermerhorn Hall			
HUMA 1121	030/18338	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Olivia Clemens	3	21/22
HUMA 1121	031/76606	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Michael Sanchez	3	20/22
HUMA 1121	032/67079	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Hannah Friedman	3	21/22
HUMA 1121	033/65035	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Alexander Ekserdjian	3	22/22
HUMA 1121	034/13273	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Frederique Baumgartner	3	22/22
HUMA 1121	035/25717	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Susan Sivard	3	21/22
HUMA 1121	036/24281	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Mary Superfine	3	22/22
HUMA 1121	037/25193	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	James Chamberlain	3	21/22
HUMA 1121	038/75389	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Irina Oryshkevich	3	23/22
HUMA 1121	039/10656	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	James Chamberlain	3	18/22
HUMA 1121	040/10889	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Corey Ratch	3	21/22

## MUSIC HUMANITIES

### Chair of Music Humanities

Prof. Giuseppe Gerbino  
621 Dodge  
212-854-6299  
gg2024@columbia.edu

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

Part of the Core Curriculum since 1947, *HUMA UN1123 Masterpieces of Western Music*, or “Music Humanities,” aims to instill in students a basic comprehension of the many forms of the Western musical imagination. Its specific goals are to awaken and encourage in students an appreciation of music in the Western world, to help them learn to respond intelligently

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

## REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1123 Masterpieces of Western Music is included in the registration materials sent to students. It is the expectation of the College that all students complete *Music Humanities* by the end of their third year.

All Core Curriculum courses, including *Music Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Music Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### HUMA UN1123 Masterpieces of Western Music. 3 points.

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

#### Fall 2018: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/22519	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	23/25
HUMA 1123	002/75893	M W 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	23/25
HUMA 1123	003/74216	M W 8:40am - 9:55am 622 Dodge Building	Laura Weber	3	22/25
HUMA 1123	004/13874	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	005/71943	M W 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	24/25
HUMA 1123	006/28847	M W 10:10am - 11:25am 716 Hamilton Hall	Alexander Rothe	3	24/25
HUMA 1123	007/71132	M W 1:10pm - 2:25pm 622 Dodge Building	Jane Forner	3	24/25



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HUMA 1123	023/72537	716 Hamilton Hall T Th 1:10pm - 2:25pm 404 Dodge Building	John McWhorter	3	24/25
HUMA 1123	024/28735	716 Hamilton Hall T Th 1:10pm - 2:25pm	Mary Robb	3	24/25
HUMA 1123	025/65986	716 Hamilton Hall T Th 2:40pm - 3:55pm 404 Dodge Building	Mahir Cetiz	3	24/25
HUMA 1123	026/27892	405 Dodge Building T Th 2:40pm - 3:55pm	Magdalena Baczkowska	3	25/25
HUMA 1123	027/10233	716 Hamilton Hall T Th 2:40pm - 3:55pm	Mike Ford	3	15/25
HUMA 1123	028/69233	404 Dodge Building T Th 4:10pm - 5:25pm	Lucie Vagnerova	3	24/25
HUMA 1123	029/70107	405 Dodge Building T Th 4:10pm - 5:25pm	Giuseppe Gerbino	3	25/25
HUMA 1123	030/74952	716 Hamilton Hall T Th 4:10pm - 5:25pm	Anne Levitsky	3	25/25
HUMA 1123	031/77681	404 Dodge Building T Th 6:10pm - 7:25pm	Lucie Vagnerova	3	24/25
HUMA 1123	032/80942	405 Dodge Building T Th 6:10pm - 7:25pm	Ryan Pratt	3	25/25

## EXEMPTION FROM MUSIC HUMANITIES

Although all Columbia students are expected to take *Music Humanities*, there are some students who enter with exceptional musical backgrounds that may qualify them for exemption. Exemption from *Music Humanities* may be obtained by passing an Exemption Exam. In the case of transfer students, exemption may also be obtained by filing a course substitution request.

### Exemption Exam

The Exemption Exam is offered on the first Friday of the fall semester by the Music Department (621 Dodge Hall). Students who matriculate in the spring semester should take the exam in the following fall term. Students may take the exam only once during their first year at Columbia. If they do not pass the exam, they must enroll in a section of *Music Humanities*.

### Course Substitution

In addition to the Exemption Exam, students with approved transfer credit have the option of requesting exemption on the basis of a similar music course passed with a grade of B or higher at another college or university. This exemption must be requested during the student's first semester at Columbia. Petitions submitted in subsequent semesters will not be considered by the Center for the Core Curriculum.

## FRONTIERS OF SCIENCE

### Chair of Frontiers of Science

Prof. 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. 4)). 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 2018: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/14083	M 10:30am - 12:00pm 147 Horace Mann Bldg	Ivana Hughes	4	550/570

#### Spring 2019: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/64097	M 10:30am - 12:00pm 147 Horace Mann Bldg	Ivana Hughes	4	545/570

## 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 Music (sections in the 070s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of music-making, from the classical to the contemporary. *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 the Performance Arts (sections in the 300s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of the various art forms. *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. *UW: Readings in Law and Justice (sections in the 700s)*. Features essays that study core questions of law and justice and that have important implications for our lives. *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>.

#### Fall 2018: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/12850	M W 8:40am - 9:55am 201b Philosophy Hall	Gabrielle DaCosta	3	13/14
ENGL 1010	003/64200	M W 8:40am - 9:55am 201d Philosophy Hall	Laura Gruszka	3	14/14
ENGL 1010	007/25926	M W 10:10am - 11:25am	Ami Yoon	3	14/14

ENGL 1010	011/16179	201b Philosophy Hall M W 11:40am - 12:55pm 201b Philosophy Hall	Akua Banful	3	14/14	ENGL 1010	047/68552	201d Philosophy Hall T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emma Styles- Swaim	3	14/14
ENGL 1010	015/72516	M W 1:10pm - 2:25pm 201d Philosophy Hall	Synne Borgen	3	14/14	ENGL 1010	048/26860	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Lindsey Cienfuegos	3	14/14
ENGL 1010	018/17413	M W 2:40pm - 3:55pm 201d Philosophy Hall	Zoe Pollak	3	14/14	ENGL 1010	049/12218	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Anna Waller	3	14/14
ENGL 1010	021/16252	M W 4:10pm - 5:25pm 201b Philosophy Hall	Rebecca Sonkin	3	14/14	ENGL 1010	051/11436	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Francois Olivier	3	13/14
ENGL 1010	022/69042	M W 4:10pm - 5:25pm 201d Philosophy Hall	Veronica Belafi	3	14/14	ENGL 1010	052/18986	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Samuel Grabiner	3	14/14
ENGL 1010	023/70954	M W 4:10pm - 5:25pm 307 Mathematics Building	Christina McCausland	3	14/14	ENGL 1010	053/22786	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Naomi Michalowicz	3	14/14
ENGL 1010	024/15008	M W 5:40pm - 6:55pm 201b Philosophy Hall	Brianne Baker	3	14/14	ENGL 1010	101/88015	M W 8:40am - 9:55am 408a Philosophy Hall	Lisa Foad	3	14/14
ENGL 1010	025/71136	M W 5:40pm - 6:55pm 201d Philosophy Hall	Emily Hunt Kivel	3	13/14	ENGL 1010	140/16398	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Olivia Rutigliano	3	13/14
ENGL 1010	026/74548	M W 5:40pm - 6:55pm 408a Philosophy Hall	Theresa Lin	3	14/14	ENGL 1010	143/28250	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Dennis Tang	3	14/14
ENGL 1010	027/29259	T Th 8:40am - 9:55am 201b Philosophy Hall	Patrick Moran	3	12/14	ENGL 1010	146/87697	T Th 4:10pm - 5:25pm 307 Mathematics Building	Emily Weitzman	3	14/14
ENGL 1010	028/60792	T Th 8:40am - 9:55am 201d Philosophy Hall	Austin Mantele	3	13/14	ENGL 1010	213/78747	M W 1:10pm - 2:25pm 408a Philosophy Hall	Lisa Del Sol	3	14/14
ENGL 1010	029/72374	T Th 8:40am - 9:55am 307 Mathematics Building	Sumati Dwivedi	3	14/14	ENGL 1010	217/13787	M W 2:40pm - 3:55pm 408a Philosophy Hall	Samuel Carpenter	3	14/14
ENGL 1010	033/65417	T Th 10:10am - 11:25am 201b Philosophy Hall	Meadhbh McHugh	3	14/14	ENGL 1010	230/62049	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	14/14
ENGL 1010	037/15575	T Th 11:40am - 12:55pm 201b Philosophy Hall	Milan Terlunen	3	14/14	ENGL 1010	235/65896	T Th 11:40am - 12:55pm 201d Philosophy Hall	Diana Newby	3	13/14
ENGL 1010	041/13118	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Walter Gordon	3	14/14	ENGL 1010	238/95948	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Allen Durgin	3	14/14
ENGL 1010	044/14661	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Nitzan Rotenberg	3	14/14	ENGL 1010	308/13446	M W 11:40am - 12:55pm 502 Northwest Corner	Anne Potter	3	14/14
ENGL 1010	045/14027	T Th 2:40pm - 3:55pm	Adam Horn	3	14/14	ENGL 1010	331/73497	T Th 10:10am - 11:25am	Alessia Palanti	3	14/14

						Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	404/64532	408a Philosophy Hall M W 10:10am - 11:25am 201d Philosophy Hall	Rebecca Wisor	3	14/14	ENGL 1010	001/21177	M W 8:40am - 9:55am 307 Mathematics Building	Gabrielle DaCosta	3	14/14
ENGL 1010	409/62699	M W 11:40am - 12:55pm 408a Philosophy Hall	Chloe Howe Haralambous	3	14/14	ENGL 1010	002/17719	M W 8:40am - 9:55am 201d Philosophy Hall	Gianmarco Saretto	3	14/14
ENGL 1010	419/60849	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Taleen Mardirossian	3	13/14	ENGL 1010	003/15413	M W 8:40am - 9:55am 408a Philosophy Hall	Emma Styles- Swaim	3	14/14
ENGL 1010	505/97049	M W 10:10am - 11:25am 408a Philosophy Hall	Brianna Williams	3	13/14	ENGL 1010	006/10369	M W 10:10am - 11:25am 307 Mathematics Building	Akua Banful	3	14/14
ENGL 1010	512/68699	M W 1:10pm - 2:25pm 307 Mathematics Building	Simon Porzak	3	14/14	ENGL 1010	007/21348	M W 10:10am - 11:25am 201d Philosophy Hall	Anna Waller	3	14/14
ENGL 1010	532/77530	T Th 10:10am - 11:25am 307 Mathematics Building	Charlee Dyloff	3	14/14	ENGL 1010	015/65416	M W 1:10pm - 2:25pm 408a Philosophy Hall	Laura Gruszka	3	14/14
ENGL 1010	536/81049	T Th 11:40am - 12:55pm 408a Philosophy Hall	Marianna Staroselsky	3	14/14	ENGL 1010	017/78596	T Th 2:40pm - 3:55pm Room TBA	Adam Winters	3	0/14
ENGL 1010	614/16996	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Antoinette Bumekpor	3	14/14	ENGL 1010	019/22352	M W 2:40pm - 3:55pm 408a Philosophy Hall	Christina McCausland	3	14/14
ENGL 1010	639/82780	T Th 1:10pm - 2:25pm 307 Mathematics Building	Tibo Halsberghe	3	13/14	ENGL 1010	022/15561	M W 4:10pm - 5:25pm 307 Mathematics Building	Veronica Belafi	3	14/14
ENGL 1010	642/67447	T Th 2:40pm - 3:55pm 307 Mathematics Building	Avia Tadmor	3	13/14	ENGL 1010	023/25079	M W 4:10pm - 5:25pm 201d Philosophy Hall	Samuel Grabiner	3	14/14
ENGL 1010	650/13280	T Th 5:40pm - 6:55pm 307 Mathematics Building	Shoshana Akabas	3	12/14	ENGL 1010	024/17348	M W 5:40pm - 6:55pm 307 Mathematics Building	Theresa Lin	3	14/14
ENGL 1010	716/62784	M W 2:40pm - 3:55pm 201b Philosophy Hall	Valerie Jacobs	3	14/14	ENGL 1010	025/12215	M W 5:40pm - 6:55pm 408a Philosophy Hall	Zoe Pollak	3	14/14
ENGL 1010	720/96898	M W 4:10pm - 5:25pm 408a Philosophy Hall	Daniel Lefferts	3	14/14	ENGL 1010	026/70756	M W 5:40pm - 6:55pm 411 Kent Hall	Emily Hunt Kivel	3	14/14
ENGL 1010	906/11346	M W 10:10am - 11:25am 307 Mathematics Building	Lauren Horst	3	14/14	ENGL 1010	027/61500	T Th 8:40am - 9:55am 307 Mathematics Building	Patrick Moran	3	14/14
ENGL 1010	910/75516	M W 11:40am - 12:55pm 307 Mathematics Building	Hannah Kauders	3	13/14	ENGL 1010	028/22382	T Th 8:40am - 9:55am 201d Philosophy Hall	Austin Mantele	3	14/14
ENGL 1010	934/16447	T Th 11:40am - 12:55pm 307 Mathematics Building	Vanessa Guida	3	14/14	ENGL 1010	029/19350	T Th 8:40am - 9:55am 408a Philosophy Hall	Sumati Dwivedi	3	13/14
<b>Spring 2019: ENGL CC1010</b>						ENGL 1010	037/62476	T Th 11:40am - 12:55pm 307 Mathematics Building	Phillip Polefrone	3	15/14



ENGL 1010	045/61734	T Th 2:40pm - 3:55pm 307 Mathematics Building	Lindsey Cienfuegos	3	14/14	ENGL 1010	316/26829	M W 2:40pm - 3:55pm 307 Mathematics Building	Simon Porzak	3	14/14
ENGL 1010	047/66743	T Th 4:10pm - 5:25pm 307 Mathematics Building	Walter Gordon	3	14/14	ENGL 1010	331/15544	T Th 10:10am - 11:25am 201d Philosophy Hall	Alessia Palanti	3	14/14
ENGL 1010	048/75480	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Francois Olivier	3	14/14	ENGL 1010	408/68227	M W 11:40am - 12:55pm 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	049/20481	T Th 4:10pm - 5:25pm 502 Northwest Corner	Jason Ueda	3	14/14	ENGL 1010	410/77440	M W 11:40am - 12:55pm 408a Philosophy Hall	Chloe Howe Haralambous	3	14/14
ENGL 1010	050/63998	T Th 5:40pm - 6:55pm 307 Mathematics Building	Valerio Amoretti	3	13/14	ENGL 1010	418/73001	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Taleen Mardirossian	3	14/14
ENGL 1010	051/66557	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Naomi Michalowicz	3	14/14	ENGL 1010	421/20052	M W 4:10pm - 5:25pm 408a Philosophy Hall	Jessica Engebretson	3	14/14
ENGL 1010	052/20589	T Th 5:40pm - 6:55pm 613 Hamilton Hall	Brianne Baker	3	14/14	ENGL 1010	504/25959	M W 10:10am - 11:25am 502 Northwest Corner	Brianna Williams	3	14/14
ENGL 1010	105/14039	M W 10:10am - 11:25am 408a Philosophy Hall	Ami Yoon	3	14/14	ENGL 1010	532/22857	T Th 10:10am - 11:25am 408a Philosophy Hall	Abigail Nehring	3	14/14
ENGL 1010	133/18801	T Th 10:10am - 11:25am 502 Northwest Corner	Lisa Foad	3	13/14	ENGL 1010	535/76262	T Th 11:40am - 12:55pm 201d Philosophy Hall	Marianna Staroselsky	3	13/14
ENGL 1010	143/14783	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Dennis Tang	3	14/14	ENGL 1010	540/14724	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Jonathan Reeve	3	14/14
ENGL 1010	146/61053	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emily Weitzman	3	14/14	ENGL 1010	613/70393	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Antoinette Bumekpor	3	14/14
ENGL 1010	214/28840	M W 1:10pm - 2:25pm 502 Northwest Corner	Lisa Del Sol	3	14/14	ENGL 1010	634/62437	T Th 11:40am - 12:55pm 408a Philosophy Hall	Avia Tadmor	3	14/14
ENGL 1010	217/66587	M W 2:40pm - 3:55pm 502 Northwest Corner	Samuel Carpenter	3	14/14	ENGL 1010	639/22106	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Tibo Halsberghe	3	14/14
ENGL 1010	230/67838	T Th 10:10am - 11:25am 307 Mathematics Building	Frances Wood	3	14/14	ENGL 1010	644/61121	T Th 2:40pm - 3:55pm 502 Northwest Corner	Marcus Creaghan	3	14/14
ENGL 1010	238/26578	T Th 1:10pm - 2:25pm 307 Mathematics Building	Allen Durgin	3	13/14	ENGL 1010	712/15181	M W 1:10pm - 2:25pm 201d Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	241/70828	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Diana Newby	3	14/14	ENGL 1010	720/26570	M W 4:10pm - 5:25pm 502 Northwest Corner	Daniel Lefferts	3	14/14
ENGL 1010	309/73735	M W 11:40am - 12:55pm 307 Mathematics Building	Anne Potter	3	14/14	ENGL 1010	911/75792	M W 11:40am - 12:55pm 502 Northwest Corner	Hannah Kauders	3	13/14

ENGL 1010	936/23348	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Lauren Horst	3	11/14
ENGL 1010	942/25972	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Vanessa Guida	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 students enrolled in Columbia University courses. Students may visit the center at any stage in the writing process. The Writing Center's consultants are advanced graduate students who have had significant training and experience teaching writing at Columbia. Students may walk in during open hours or sign up for appointments.

## FOREIGN LANGUAGE REQUIREMENT

### General Information:

Office of Academic Planning and Administration  
202 Hamilton  
212-851-9814  
[cc-apa@columbia.edu](mailto:cc-apa@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*
- **Catalan**  
*Latin American and Iberian Cultures*
- **Chinese**  
*East Asian Languages and Cultures*
- **Czech**  
*Slavic Languages*
- **Dutch**  
*Germanic Languages* (p. 479)
- **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*
- **Serbo-Croatian**  
*Slavic Languages*
- **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.

## SPRING 2019 APPROVED COURSES

As Spring 2019 schedules become available, more courses will be added to this list. Please check back for additional updates. Last updated on March 1, 2019.

### Anthropology

ANTH UN1008	The Rise of Civilization
ANTH UN2007	Indian and Nigerian Film Cultures (Effective beginning Fall 2017)
ANTH UN3947	Text, Magic, Performance

### Art History and Archaeology

AHIS UN2500	The Arts of Africa
AHIS UN3501	African Art: The Next Generation. Focus: Congo (Effective beginning Spring 2017)
AHIS GU4584	Critical Approaches to Persian Painting (effective Spring 2019)

### Center for the Core Curriculum

AFCV UN1020	African Civilizations
LACV UN1020	Primary Texts of Latin American Civilization

### Classics

CLCV UN2441	Egypt in the Classical World (Effective beginning Spring 2018)
CLCV UN3111	Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)

### Colloquia and Interdepartmental Seminars

INSM UN3921	Nobility and Civility II
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### Committee on Global Thought

CGTH UN3402	Topics in Global Thought: Global 20-Youth in an Interconnected World (Effective beginning Spring 2019)
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### Comparative Literature and Society

CLGM UN3110	The Ottoman Past in the Greek Present (Effective beginning Spring 2018)
CPLS UN3333	East/West Frametale Narratives

### Dance- Barnard

DNCE BC2565	World Dance History (Effective beginning Spring 2019)
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### East Asian Languages and Cultures

ASCE UN1002	Introduction to Major Topics in Asian Civilizations: East Asia
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 UN3322	East Asian Cinema (Effective Spring 2017)
HSEA GU4847	Modern Japan (Effective beginning Fall 2017)

### English and Comparative Literature

ENGL UN3851	Indian Writing in English (Effective beginning Spring 2019)
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### Germanic Languages

GERM UN3780	Berlin/Istanbul: Migration, Culture, Values (GER)
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### French- Reid Hall

FREN OC3719	Violence by and against Women (Effective beginning Spring 2019)
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### History

HIST UN1004	Ancient History of Egypt
HIST UN2657	Medieval Jewish Cultures (formerly HIST W3657)
HIST UN2701	Ottoman Empire (formerly HIST W3701)
HSME UN2811	South Asia: Empire and Its Aftermath (formerly HIST UN2811)

HIST UN2881	Vietnam in the World (Effective beginning Spring 2019)
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HIST UN3779	Africa and France
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HSEA UN3898	The Mongols in History
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### Latin American and Iberian Cultures

SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
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PORT UN3350	Lusophone Africa and Afro Brazilian Culture
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SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present
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SPAN UN3361	Artistic Humanity (Effective beginning Spring 2017)
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PORT UN3490	Brazilian Society and Civilization (Effective beginning Fall 2017)
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### Middle Eastern, South Asian, and African Studies

MDES UN1001	Critical Theory: A Global Perspective (Effective beginning Spring 2018)
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AHUM UN1399	Colloquium on Major Texts: Middle East and South Asia
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ASCM UN2008	Contemporary Islamic Civilization
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MDES UN3121	Literature and Cultures of Struggle in South Africa (Effective beginning Spring 2017)
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MDES UN3260	Rethinking Middle East Politics
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CLME UN3928	Arabic Prison Writing
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CLME GU4225	Arabic Literary Production (Effective beginning Spring 2019)
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### Music

AHMM UN3320	Introduction To the Musics of East Asia and Southeast Asia
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### Religion

RELI UN2205	Buddhism: Indo-Tibetan (Effective beginning Fall 2016)
RELI UN2307	Chinese Religious Traditions
RELI UN3407	Muslims in Diaspora (Effective beginning Spring 2016; formerly RELI V3307)
RELI UN3521	Muslim Masculinities (Effective beginning Spring 2019)
RELI GU4418	On African Theory: Religion, Philosophy, Anthropology (Effective beginning Spring 2019)

**Slavic Languages**

GEOR GU4042	Cultural History: A Georgian Case Study (Effective beginning Spring 2017)
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**FALL 2018 APPROVED COURSES**

*As Fall 2018 schedules become available, more courses will be added to this list. Please check back for additional updates. Last updated on September 7, 2018.*

**African-American Studies**

AFAS UN1001	Introduction to African-American Studies
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**Anthropology**

ANTH UN3465	Women and Gender Politics in the Muslim World
ANTH UN3821	Native America
ANTH UN3933	Arabia Imagined

**Art History and Archaeology**

AHUM UN2604	Art In China, Japan, and Korea
AHUM UN2802	Arts of Islam: Realignments of Empire and State (ca. 1000-1400) (Effective beginning Spring 2017)
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 Ethnicity and Race**

CSER UN3922	Race and Representation in Asian American Cinema
CSER UN3926	Latin Music and Identity
CSER UN3928	Colonization/Decolonization

**Classics**

GRKM UN3935	Hellenism and the Topographical Imagination
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**Colloquia and Interdepartmental Seminars**

INSM UN3920	Nobility and Civility
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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)
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**East Asian Languages and Cultures**

ASCE UN1002	Introduction to Major Topics in Asian Civilizations: East Asia
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
AHUM UN1400	Colloquium on Major Texts: East Asia
EAAS UN3121	Minority Literature in Modern China (Offered Fall 2018 as a one-time course)

HSEA GU4880	History of Modern China I
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**Economics**

ECON GU4325	Economic Organization and Development of Japan
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**English and Comparative Literature**

CLEN OC3500	LONDON IN POSTCOLONIAL FICTION: 'WE ARE HERE BECAUSE YOU WERE THERE' (Effective beginning Fall 2018- This course will be taught in London)
CLEN UN3933	Postcolonial Literature (Effective beginning Fall 2018)
CLEN GU4644	Revolution in/on the Caribbean (Effective beginning Fall 2018)

**Film**

FILM UN2294	World Cinema: Latin America (Effective beginning Fall 2018)
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**History**

HIST UN2377	INTERNATIONAL & GLOBAL HISTORY SINCE WWII
HIST UN2580	THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA
HIST UN2660	Latin American Civilization I
HIST UN2719	History of the Modern Middle East
HSWM UN2761	Gender and Sexuality in African History (Effective beginning Fall 2018)
HIST UN2772	West African History
HSME UN2810	History of South Asia I: al-Hind to Hindustan
HIST UN3601	Jews in the Later Roman Empire, 300-600 CE

**Latin American and Iberian Cultures**

SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present



PORT UN3490 Brazilian Society and Civilization

### **Middle Eastern, South Asian, and African Cultures**

AHUM UN1399 Colloquium on Major Texts:  
Middle East and South Asia  
(formerly AHUM UN3399)

ASCM UN2003 Introduction to Islamic Civilization

MDES UN2030 Major Debates in the Study of  
Africa

ASCM UN2357 Introduction to Indian Civilization

MDES UN3000 Theory and Culture

CLME GU4226 Arabic Autobiography: Global  
Dimensions

CLME GU4231 Cold War Arab Culture

CLME GU4262 Themes in the Arabic Novel  
(Effective beginning Fall 2018)

### **Music**

MUSI UN2020 Salsa, Soca, and Reggae: Popular  
Musics of the Caribbean

AHMM UN3321 Introduction To the Musics of India  
and West Asia

### **Religion**

RELI UN2305 Islam

RELI UN2306 Intro to Judaism (Effective  
beginning Fall 2018)

RELI UN2308 Buddhism: East Asian

RELI UN2309 Hinduism

RELI UN3407 Muslims in Diaspora

RELI GU4322 Exploring the Sharia: Topics in  
Islamic Law (Effective beginning  
Fall 2018)

### **Slavic Languages and Cultures**

SLCL UN3001 Slavic Cultures

### **Sociology**

SOCI UN3324 Global Urbanism

### **Theatre**

THTR UN3154 Theatre Traditions in a Global  
Context

## **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 1, 2019.*

### **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: Realignment 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 The World Responds to the  
Greeks: Modernity, Postcoloniality,  
Globality (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")

#### 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 The World Responds to the  
Greeks: Modernity, Postcoloniality,  
Globality

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 Introduction to Major Topics in  
Asian Civilizations: East Asia

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 UN3121 Minority Literature in Modern  
China (Offered Fall 2018 as a one-  
time course)

EAAS UN3322 East Asian Cinema (Effective Spring  
2017)

EAAS V3350 Japanese Fiction and Film (Effective  
beginning Fall 2014)

AHUM UN3830 (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)	HIST W1054	Introduction to Byzantine History (Effective beginning Spring 2016)
EAAS W4160	Cultures of Colonial Korea (Effective beginning Spring 2014; formerly EAAS G4160)	HIST UN2377	INTERNATIONAL & GLOBAL HISTORY SINCE WWII (Effective Spring 2017)
EAAS GU4277	Japanese Anime and Beyond: Gender, Power and Transnational Media	HIST UN2444	The Vietnam War (Effective beginning Spring 2017)
EARL GU4310	Life-Writing in Tibetan Buddhist Literature	HIST UN2580	THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA (Effective beginning Fall 2017 )
EARL GU4312	Tibetan Sacred Space (in Comparative Context) (Effective beginning Spring 2018 semester)	HIST UN2618	The Modern Caribbean
HSEA GU4822	Troubled Islands of the Indo Pacific (Effective beginning Spring 2017)	HIST UN2657	Medieval Jewish Cultures (formerly HIST W3657)
HSEA GU4847	Modern Japan (Effective beginning Fall 2017)	HIST UN2660	Latin American Civilization I
HSEA W4866	Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History (Effective beginning Fall 2015)	HIST UN2661	Modern Latin American History (Latin American Civilization II)
HSEA GU4880	History of Modern China I	HIST UN2701	Ottoman Empire (formerly HIST W3701)
<b>Economics</b>		HIST UN2719	History of the Modern Middle East (formerly HIST W3719)
ECON GU4325	Economic Organization and Development of Japan	HSWM UN2761	Gender and Sexuality in African History (Effective beginning Fall 2018)
<b>English and Comparative Literature</b>		HIST UN2764	History of East Africa: Early Time to the Present
ENGL UN3851	Indian Writing in English (Effective beginning Spring 2019)	HIST UN2772	West African History
CLEN UN3933	Postcolonial Literature (Effective beginning Fall 2018)	HIST W2803	The Worlds of Mughal India (Effective beginning Spring 2014; formerly HIST W3803)
CLEN W4200	Caribbean Diaspora Literature	HSME UN2810	History of South Asia I: al-Hind to Hindustan (formerly HSME W3810)
ENGL GU4650	Novels of Immigration, Relocation, Diaspora (formerly ENGL W3510)	HSME UN2811	South Asia: Empire and Its Aftermath (formerly HIST UN2811)
CLEN GU4644	Revolution in/on the Caribbean (Effective beginning Fall 2018)	HIST W2880	Gandhi's India (formerly HIST W3800)
<b>Film Studies</b>		HIST UN2881	Vietnam in the World (Effective beginning Spring 2019)
FILM UN2292	Topics in World Cinema: China (Effective beginning Spring 2018)	HIST Q2900	History of the World to 1450 CE (formerly HIST W3902)
FILM UN2294	World Cinema: Latin America (Effective beginning Fall 2018)	HIST W2903	History of the World from 1450 CE to the Present (Effective beginning Fall 2013; formerly HIST W2903)
FILM S2295Q	World Cinema: Mexico (Effective beginning Summer 2017)	HIST W2943	Cultures of Empire (formerly HIST W3943)
FILM S4215D	Contemporary Global Documentary (Effective beginning Summer 2019)	HIST UN3152	Byzantine Encounters in the Mediterranean and the Middle East (Taught on Morningside going forward, effective Spring 2017)
<b>French and Romance Philology</b>		HIST Q3400	Native American History (formerly HIST W4404)
CLFR UN3716	Francophone Romance : Love and Desire in French Colonial and Post-Colonial Literatures	HIST W3678	Indigenous Worlds in Early Latin America (formerly HIST W4678)
<b>Germanic Languages</b>		HIST UN3766	African Futures (Effective beginning Fall 2017)
GERM UN3780	Berlin/Istanbul: Migration, Culture, Values (GER)		
<b>History</b>			
HIST UN1004	Ancient History of Egypt		

HIST UN3779	Africa and France	MDES W2041	Introduction to Indian Philosophy (Effective beginning Spring 2015)
HSEA UN3898	The Mongols in History	ASCM UN2357	Introduction to Indian Civilization
HIST Q3933	Empires and Cultures of the Early Modern Atlantic World (Effective only for Spring 2014; formerly HIST W4103)	MDES UN2650	(Gandhi and His Interlocutors; Effective beginning Spring 2015)
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)	MDES UN3000	Theory and Culture
HIST GU4811	Encounters with Nature: The History of Environment and Health in South Asia and Beyond (Effective beginning Spring 2017 semester)	CLME W3032	Colonialism: Film, Fiction, History & Theory
<b>Italian</b>		HSME UN3044	From Colonial to Global Health (Effective beginning Fall 2017 semester)
ITAL GU4022	The Qur'an in Europe (Effective beginning Fall 2017)	MDES UN3121	Literature and Cultures of Struggle in South Africa (Effective beginning Spring 2017)
<b>Latin American and Caribbean Studies</b>		MDES UN3130	East Africa and the Swahili Coast
LCRS UN3500	Latin American Cities (Effective beginning Spring 2017)	CLME UN3221	Arabic Literature As World Literature (Effective beginning Fall 2017 semester)
<b>Latin American and Iberian Cultures</b>		MDES UN3260	Rethinking Middle East Politics (Effective beginning Spring 2017)
SPJS UN3303	Jewish Culture in Translation in Medieval Iberia ((Effective beginning Fall 2017 semester))	MDES UN3445	Societies & Cultures Across the Indian Ocean (Effective beginning Fall 2013)
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period	CLME UN3928	Arabic Prison Writing
PORT UN3350	Lusophone Africa and Afro Brazilian Culture	CLME GU4031	Cinema and Society In Asia and Africa
SPAN UN3350	Hispanic Cultures II: Enlightenment to the Present	MDES G4052	Locating Africa in the Early 20th Century World
SPAN UN3361	Artistic Humanity (Effective beginning Spring 2017)	MDES GU4150	Introduction to African Philosophy (Effective beginning Spring 2017)
PORT UN3490	Brazilian Society and Civilization (Effective beginning Fall 2017 semester)	CLME GU4225	Arabic Literary Production (Effective beginning Spring 2019)
SPAN UN3490	Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations	CLME GU4226	Arabic Autobiography: Global Dimensions (Effective beginning Spring 2018)
SPAN W3491	Latin American Humanities II: From Modernity to the Present [In English]	CLME GU4229	Afro-Mediterranean Cultural Geographies: Ifriqiya-Tunis ((Effective beginning Fall 2018))
<b>Middle Eastern, South Asian, and African Studies</b>		CLME GU4231	Cold War Arab Culture
MDES UN1001	Critical Theory: A Global Perspective (Effective beginning Spring 2018)	CLME GU4241	Sufism: Primary Texts and Contexts
AHUM UN1399	Colloquium on Major Texts: Middle East and South Asia (formerly AHUM UN3399, new course number effective Fall 2018)	CLME G4261	Popular Islam: Asia and Africa
ASCM V2001	Introduction to Major Topics in the Civilizations of the Middle East and India	CLME GU4262	Themes in the Arabic Novel (Effective beginning Fall 2018)
ASCM UN2003	Introduction to Islamic Civilization	MDES G4326	The Armenian Genocide and the Holocaust: Memory and Representation
ASCM UN2008	Contemporary Islamic Civilization	MDES GU4637	Cinema and Colonialism in South Asia (Effective beginning Spring 2018)
MDES UN2030	Major Debates in the Study of Africa	<b>Music</b>	
		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)
<b>Religion</b>	
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 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)
<b>Slavic Languages</b>	
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
<b>Sociology</b>	
SOCI UN3324	Global Urbanism
<b>Theatre</b>	

THTR UN3154	Theatre Traditions in a Global Context (formerly THTR UN3000)
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## 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 March 4, 2019.*

### Center for the Study of Ethnicity and Race

CSER OC3928	Colonization/Decolonization (Effective beginning Summer 2017; taught in Mexico City)
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### Columbia in Amman and Paris: Middle Eastern and North African Studies (MENA) Program

MENA OC4100	Migration, Displacement and Diaspora in the French and North African Context (taught in Paris, effective beginning Summer 2017) (formerly Maghreb-Mashrek: East and West)
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### Columbia in Amman and Tunis: Middle Eastern and North African Studies

MENA OC4101	Culture/ History Seminar of the Middle East-North Africa Summer Program in Amman & Tunis (Effective beginning Summer 2019)
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### Columbia Global Seminar in Istanbul

Not offered during the Spring 2018 semester

CLGM OC3920	The World Responds to the Greeks: Modernity, Postmodernity, Globality (Effective beginning Spring 2015; taught in Istanbul)
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### Columbia in London- Queen Mary University

CLEN OC3500	LONDON IN POSTCOLONIAL FICTION: 'WE ARE HERE BECAUSE YOU WERE THERE' ((Effective beginning Fall 2018))
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### Latin American and Caribbean Studies (Global Scholars Program)

LCRS OC3501	Latin American Cities (Effective beginning Summer 2017)
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### Columbia Summer Program in Tunis and Istanbul: Democracy and Constitutional Engineering

Not offered during the Spring 2018 semester

POLS OC3545	Comparative Democratic Processes (Effective beginning Summer 2015; taught in Istanbul)
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### Slavic Languages - Office of Global Programs

Not offered during the Spring 2018 semester

CLSL OC4001	The Muslim and the Christian in Balkan Narratives ((Effective beginning Summer 2016; taught in Istanbul))
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### Reid Hall in Paris



AHIS OC4652	Posing Modernity: The Black Model from Manet and Matisse to the Harlem Renaissance & Today (Effective beginning Summer 2019)
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
<b>Biology</b>	
BIOL UN1002	Theory and Practice of Science: Biology
BIOL UN1130	Genes and Development
<b>Computer Science</b>	
COMS W1001	Introduction to Information Science
COMS W1002	Computing in Context
<b>Earth and Environmental Engineering</b>	
EAEE E2100	A better planet by design
<b>Earth and Environmental Sciences</b>	
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
<b>Ecology, Evolution, and Environmental Biology</b>	
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 - EEEB UN3087	Biodiversity and Conservation Biology (see Additional Courses Approved for the Sequence Requirement)
EEEB UN1010 - EEEB UN1011	Human Origins and Evolution and Behavioral Biology of the Living Primates
<b>Electrical Engineering</b>	
ELEN E1101	The digital information age
<b>Food Studies</b>	
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
<b>Mathematics</b>	
PHIL UN3411	Symbolic Logic

PHIL GU4424	Modal Logic
<b>Physics</b>	
PHYS UN1001	Physics for Poets
PHYS UN1018	Weapons of Mass Destruction
PHYS UN1111	Origins and Meaning (Effective beginning Fall 2018)
<b>Psychology</b>	
PSYC UN1001	The Science of Psychology
PSYC UN1010	Mind, Brain and Behavior
<b>Science</b>	
SCNC UN1800	Energy and Energy Conservation
<b>Statistics</b>	
STAT UN1001	Introduction to Statistical Reasoning

## ADDITIONAL COURSES APPROVED FOR THE SCIENCE REQUIREMENT

Most of the following courses have required prerequisites and/or require instructor approval. Prerequisite and instructor approval requirements can be found in the course descriptions for each course located in specific departments' sections of the on-line bulletin.

### **Astronomy** <sup>ASTR</sup>

Any 3-point course numbered 2000 or higher

### **Biology** <sup>BIOL</sup>

Any 3-point course numbered 2000 or higher

### **Chemistry** <sup>CHEM</sup>

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** <sup>COMS</sup>

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** <sup>EESC</sup>

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	
<b>Ecology, Evolution, and Environmental Biology</b> <sup>EEEB</sup>	
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	
<b>History - Applied Math</b> <sup>HSAM</sup>	
HSAM UN2901	Data: Past, Present, and Future (Effective beginning Spring 2018)
<b>Mathematics</b> <sup>MATH</sup>	
Any 3-point MATH course numbered 1100 or higher	
CSPH GU4801	Mathematical Logic I
CSPH GU4802	Math Logic II: Incompleteness
<b>Physics</b> <sup>PHYS</sup>	
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	
<b>Psychology</b> <sup>PSYC</sup>	
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.	
<b>Statistics</b> <sup>STAT</sup>	
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/#studyoutsidecolumbiacollege>) Summer Study (<http://bulletin.columbia.edu/columbia-college/regulations/#studyoutsidecolumbiacollege>) 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

p (<http://www.percecolumbia.edu>) physical education website (<http://percecolumbia.edu>) (<http://www.percecolumbia.edu>)

Successful completion of two physical education courses is required for the degree. All students are also required to pass a swimming test or take beginning swimming for one term to fulfill the swimming requirement. 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.

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 file a drop form with the Department of Physical Education by the official deadline to drop a course.**

No more than 4 points of physical education courses may be counted toward the degree. One point of the physical education requirement may be a Barnard Physical Education course or 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 swimming requirement.

For more information, visit the Physical Education Department website: [perec.columbia.edu](http://perec.columbia.edu)

## 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.gocolumbialions.com](http://www.gocolumbialions.com) (<http://www.gocolumbialions.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 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>) will 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: do not complete 12 points in a term; have a term or cumulative grade point average below 2.0; fail a Core Curriculum class; or fail to make satisfactory progress toward the degree (taking an average of 15.5 points per term). Students and parents/guardians are notified when students are placed on academic probation or suspension, or are dismissed from the College. The advising deans in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa>) are available to provide concerted support to help students on academic action return to good standing.

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

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

Semester	Points for typical progress	Threshold for academic probation
1	12	<12
2	31	<24
3	46	<38
4	62	<52
5	77	<70
6	93	<88
7	108	<106
8	124	

For example, by the end of the first two terms, Columbia College students are expected to have completed 31 points (an average of 15.5 points per term). If they have completed fewer than 24 points, they will be placed on academic probation and should work with their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa>) to plan ways to return to normal progress toward the degree. No more than eight terms will be granted to a student to complete the degree.

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.

Parents are notified when students are placed on academic probation.

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, it is likely that he or she will be dismissed from the College. When students are suspended or dismissed, they are notified of their status and the appeals process by email and express mail. The decision of the appeals committee is final.

Academic suspension and academic dismissal remain on students' records. Parents are notified when students are academically suspended or are academically dismissed from the College.

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 Master University Examination Schedule is available in Student Services Online (SSOL) (<http://ssol.columbia.edu>). The Projected Exam Schedule is available at the beginning of each term. The confirmed Final Exam Schedule is typically available after the mid-point of the relevant term.

### 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 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 will be factored for that portion of the final grade. No makeup exams will be offered in these circumstances.

## 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

All students registered in Columbia College during the regular academic year may elect, in Student Services Online (SSOL) (<https://ssol.columbia.edu>), 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.

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 of the first one-term course taken by the student in his or her eventual major (unless otherwise specified by the department).

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.

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 15 in Fall 2018 and March 28 in Spring 2019. After that deadline, students seeking to exercise the Pass/D/Fail grading option must petition the Committee on Academic

Standing for an exception policy. Students should consult their advising dean in the Berick Center for Student Advising (<https://www.cc-seas.columbia.edu/csa>) about the petition process. No more than one course may be designated to be taken on a Pass/D/Fail basis at any point in a given semester.

In order to encourage students to engage more fully in the courses they elect to take for a grade of Pass/D/Fail, students are allowed to uncover a grade of Pass 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 used in calculating grade point average; the grades of D and Fail are used.

## The Grade of D

No more than six points of D may be credited toward the degree in any academic year, and no more than a cumulative total of 12 points 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 9 for Fall 2018 and February 26 for Spring 2019). If a student withdraws from a course after the drop deadline and no later than the Pass/D/Fail deadline (November 15 for Fall 2018 and March 28 for Spring 2019), 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 does not apply to courses taken to fulfill the Global Core, science, or foreign language requirements.

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

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, and is designed to allow an instructor a default grade for use until an appropriate permanent grade can be submitted. Ultimately, the decision as to what the final grade should be will rest with the individual instructor, and a grade of AR will alert the 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.

A mark of AR is also given when a student applies for an Incomplete. If the Incomplete is approved, the instructor will enter an AR, 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 cannot complete their course work or are unable to take a final examination. The only reasons for which an IN will be granted are incapacitating illness (as certified by a healthcare practitioner or by Health Services at Columbia), 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 dean and then petition 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, it is expected that students will have completed all work in the class with the exception of the final paper, project or exam. If a student has not completed all the other work in the class up 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.

Students who are granted an IN are assigned a deadline for completion of the overdue work or a date by which a deferred examination must be taken. Those who fail to meet the assigned deadline or miss the deferred examination will receive the contingency grade indicated by the instructor. All other marks of IN that remain unresolved by the end of one calendar year will be converted to the final grade of F, unless there is a documented reason to do otherwise. Questions may be directed to 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 select to take a class Pass/D/Fail, 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 the Office of the University Registrar (<http://registrar.columbia.edu>).

## LANGUAGE PLACEMENT EXAMINATIONS

First-year students can select appropriate levels in French, German, Hebrew, Italian, Latin, or Spanish on the basis of scores on SAT II: Subject Tests or Advanced Placement examinations. All continuing language students who have not taken one of these tests **must** take a Columbia placement exam in order to enroll in language study 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 in their first two terms, 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.

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

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 2018–2019 academic year may be awarded AP credit for the following subjects and should refer to the relevant department sections in this Bulletin for specific information on credit granted, placement, and exemptions:

Subject	Department
Biology	Biological Sciences
Chemistry	Chemistry
Computer Science	Computer Science
Economics	Economics
English	English and Comparative Literature
French	French and Romance Philology
German	German Languages
Government and Politics	Political Science
History	History
Italian	Italian
Latin	Classics
Mathematics	Mathematics

Physics	Physics
Spanish	Latin American and Iberian Cultures
Statistics	Statistics

## International Baccalaureate

Entering students are granted 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. The maximum number of advanced standing points that can be awarded is 16. 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

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. The maximum number of advanced standing points that can be awarded is 16. 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

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>).

## 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 have signed permission from the Berick Center for Student

Advising (<https://www.cc-seas.columbia.edu/csa>). 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 dean of academic planning and administration 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/#examsandgradestext>) 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/#sponsoredprogramtext>), or to participate in 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 is two Residence Units toward the Ph.D. degree requirement, and only one Residence Unit which may be applied toward the M.A. degree requirement. 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.

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 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. **Notification to instructors or failure to attend classes does not constitute an official withdrawal from Columbia College and can result in failing grades in all courses.**

## MEDICAL LEAVE OF ABSENCE

A medical leave is granted to a student whose health interferes with successful full-time study. A leave can be granted for a minimum of one term and a maximum of two years.

Unless a student is granted an exception due to extenuating circumstances, a student will be permanently withdrawn after they exceed this maximum time period. 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.

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. As part of their readmission process, students must also provide medical documentation supporting their readmission. 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

Students who leave in good academic standing will return in good academic standing; students who leave on academic action will return on academic action. If a medical leave begins on or before the Columbia College withdrawal deadline, the semester will not appear on the record. If a leave begins after that deadline, 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 of 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 deadlines listed above, they must be aware that they will likely fall behind in points necessary to remain in good academic standing. To determine whether or not they will fall behind, students should remember that Columbia College students should complete an average of 15.5 points per term to remain in good academic standing. Students should consult with their advising deans 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 readmission, 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. Medical practitioner support: 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.

The Medical Leave Readmission Committee, made up of representatives of Columbia University Health Services, 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 University Health Services 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.

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 a hold has been placed on their registration, this hold 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 they will be placed on another leave of absence.

Students are urged to meet with their advising dean 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 LEAVE OF ABSENCE

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 voluntary leave of absence is granted during the course of the term, the term will be deleted if the leave begins prior to the withdrawal deadline. Normally, if a student leaves after the withdrawal deadline, all courses will receive a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete, which 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 of absence is granted during the course of the term, the term will be deleted if the leave begins prior to the withdrawal deadline. Normally, if a student leaves after the withdrawal deadline, all courses will receive a mark of W (indicating authorized withdrawal). In certain circumstances,

a student may qualify for an Incomplete, which 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.

## FAILED 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.

# 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 less 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 9 for Fall 2018 and Friday February 1 for Spring 2019.

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 15 for Fall 2018 and March 28 for Spring 2019), 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.

Failure to attend classes or giving 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.

## DROPPING OR WITHDRAWING FROM CORE 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 14 for Fall 2018 and February 1 for Spring 2019).

**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 15 for Fall 2018 and by Thursday, March 28 for Spring 2019. 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

**Office of Global Programs** (<http://www.ogp.columbia.edu>)  
606 Kent  
212-854-2559  
[ogp@columbia.edu](mailto:ogp@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 Office of Global Programs (<http://www.ogp.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:

- Reid Hall in Paris
- The Berlin Consortium for German Studies
- The Kyoto Center for Japanese Studies
- The Columbia in Beijing Program at Tsinghua University
- The Tropical Biology and Sustainability Program in Kenya
- Columbia University in London
- Columbia Global Seminars taught on Columbia-sponsored study abroad programs

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 Office of Global Programs (<http://www.ogp.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](mailto: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 Office of Global Programs (<http://www.ogp.columbia.edu>), 606 Kent; 212-854-2559; [ogp@columbia.edu](mailto:ogp@columbia.edu).

## AFRICA

### Kenya: Tropical Biology and Sustainability in Kenya Program

In partnership with Princeton University, Columbia has developed a field semester abroad program in Kenya on Tropical Biology and Sustainability. Operating during the spring semester, this global immersion experience gives students the opportunity to study ecology, evolutionary biology, conservation biology, environmental engineering, and sustainable development in the environmental hub of East Africa. Based at Princeton's Mpala Research Centre in central Kenya, and with support from Columbia's Global Center Africa in Nairobi, students also travel across Kenya to places such as the forested slopes of Mt. Kenya, the wildlife-rich savannas of Laikipia, and the coffee and tea plantations of western Kenya. Students take four three-week course modules taught by Princeton and Columbia faculty who work in Kenya and other parts of East Africa.

Applicants must have completed Environmental Biology I and II, or the equivalent, to be eligible to apply.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## EAST ASIA

### China: Semester or Academic Year in Beijing [on hiatus]

This program is designed for students who demonstrate a high level of both written and spoken Mandarin Chinese and who would like to directly enroll in courses at Tsinghua University. The program offers access to a broad range of courses through the Faculty of Humanities and Social Sciences and other schools where participants take classes with Chinese university students. A local faculty member advises students on their academic program and organizes co-curricular activities. Tsinghua University

graduate students are available to tutor students and assist with the transition into the Chinese university system.

Applicants must have the equivalent of three years of college-level Chinese, although more is recommended.

For program information, students may consult <http://www.ogp.columbia.edu> and email [beijing@columbia.edu](mailto:beijing@columbia.edu).

### 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> and email [kyoto@columbia.edu](mailto:kyoto@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: Reid Hall 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), University of Paris VII (Denis Diderot), and the École du Louvre. Opportunities for participating in joint honors seminars and directed research are also available.

The minimum prerequisite for the semester or academic-year program is two years of college-level French, although more is recommended.



For program information, students may consult <http://www.ogp.columbia.edu> and email [reidhall@columbia.edu](mailto:reidhall@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.

Applicants must have the equivalent of two years of college-level German, although more is recommended.

For program information, students may consult <http://www.bcgscolumbia.edu> and email [berlin@columbia.edu](mailto:berlin@columbia.edu). Students are also advised to consult with the director of undergraduate studies (<http://www.college.columbia.edu/academics/dus>) in the Department of Germanic Languages (<http://www.columbia.edu/cu/german>).

## 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 Office of Global Programs (<http://www.ogp.columbia.edu>), where a preliminary selection of candidates is made. Designated candidates for admissions then apply to one of the participating colleges of Oxford or Cambridge. Criteria for admission include a very strong academic record at Columbia, as well as commitment to a chosen field of study. Application through the Columbia Oxford/Cambridge Scholars Program is the only way the College authorizes study at either university.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## 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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto: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 seven U.S. universities: Brown, Columbia, Cornell, Dartmouth, Johns Hopkins, Northwestern, and the University of Pennsylvania. 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.

Applicants must have the equivalent of five semesters of college-level Spanish.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

Summer study abroad provides a meaningful complement to the College curriculum and can help students prepare for semester- or year-long overseas programs.

Columbia College students who enroll in the Columbia-sponsored summer programs listed below earn direct credit for their courses.

## AFRICA AND THE MIDDLE EAST

### Jordan: The Arabic Language Program in Amman

This nine-week program helps students strengthen their skills in Modern Standard Arabic by offering intensive language training. All skills are emphasized in the classroom and during tutorials. Group excursions, cultural activities, and a week-long travel break give students various perspectives of Jordanian society and different venues in which to practice their Arabic.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Jordan/France: The Middle Eastern and North African Studies Program in Amman and Paris

This nine-week program offers a multifaceted introduction to the languages, history, and culture of the Maghreb, emphasizing the region's relations with the Middle East and France. Students take the equivalent of a year of Modern Standard Arabic and receive training in the dialects of 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 France.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Tunisia/Nairobi: Democracy and Constitutional Engineering in Tunis and Nairobi

This three-week program focuses on the concept of democracy, the challenges of democratic transitions and consolidation, and trade-offs associated with different ways of organizing democratic institutions. The program takes place in Tunis and Nairobi enrolls Columbia students alongside students from leading universities in the Middle East and Kenya.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto: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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto: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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## EUROPE

### France: Reid Hall in Paris

#### Summer French Studies 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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Art Humanities and Music Humanities in Paris

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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Art Humanities and Music Humanities in Berlin

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 Germany. Two overnight excursions to important sites in Germany will complement the excursions to monuments and musical performances within Berlin.

For more program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Greece: Curating the Histories of the Greek Present

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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## Italy: The Italian Cultural Studies Program 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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## LATIN AMERICA

### Brazil: The Summer Portuguese Program in Rio de Janeiro

This four-week program is based at the Pontificia Universidade Catolica (PUC-Rio) located in the Gavea district of Rio, and offers intensive language training in Portuguese. All students participate in a Community Involvement Project, which provides an invaluable opportunity to strengthen language proficiency while gaining insight into Brazilian culture and society.

For program information, students may consult <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

### Mexico: Colonization and Decolonization in the Making of the Modern World

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 <http://www.ogp.columbia.edu> and email [ogp@columbia.edu](mailto:ogp@columbia.edu).

## SUMMER STUDY ABROAD APPROVAL

Students seeking to study abroad during the summer must be approved by the Office of Global Programs (<http://www.ogp.columbia.edu>), 606 Kent. Transfer credit for summer classes taken abroad on outside programs is awarded only for foreign-language courses under these conditions:

- Credits for language study at the elementary and intermediate levels are awarded after the student takes a placement exam to

determine his/her progress in the language. Advanced foreign-language instruction courses are accepted for academic credit upon review by the appropriate language department.

- The only non-language instruction courses eligible for credit are courses which will satisfy the major or concentration. The courses must be taken abroad in a foreign language and must receive departmental approval to satisfy major or concentration requirements.

Limited exceptions can be made for awarding credit for summer courses taught in English. College credit can be granted provided that the course offers a unique experience, such as a field-studies program or archaeological dig, where the study-abroad site functions as a constituent part of the course, and the program must be approved by the Office of Global Programs (<http://www.ogp.columbia.edu>). Departmental approval is required and the course must satisfy major or concentration requirements.

## OTHER OPPORTUNITIES ABROAD

Students interested in non-credited internships and other experiential learning opportunities abroad should inquire with the Center for Career Education (<http://www.careereducation.columbia.edu/students/undergrad>) (East Campus Building, Lower Level).

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 Office of Global Programs (<http://www.ogp.columbia.edu>), 606 Kent; 212-854-2559; [ogp@columbia.edu](mailto: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](mailto: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](mailto: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](mailto:preprofessional@columbia.edu).

## VOLUNTEER PROGRAM

Preprofessional Advising (<https://www.cc-seas.columbia.edu/preprofessional>) maintains an online listing of many different clinical and research volunteer programs across the city. Students may find placements in a variety of different settings including, but not limited to, emergency rooms; intensive care units; research laboratories; outpatient settings; and health clinics. Clinical exploration is viewed by many medical schools as a good test of students' professional motivation and students are strongly encouraged to investigate some of the options available for meeting this expectation before applying to medical school.

## 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
- PHYS UN1402	Thermodynamics
	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](mailto: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; taken a basic course in economics; achieved competence in a modern foreign language; and completed all Columbia College Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum>) requirements and 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 must 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 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 their advising 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>) 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](mailto: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; taken a basic course in economics; achieved competence in a modern foreign language; and completed all College Core Curriculum (<http://bulletin.columbia.edu/columbia-college/core-curriculum>) requirements and 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 must 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](mailto: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

The Bachelor of Arts degree is awarded with honors in three categories (*cum laude*, *magna cum laude*, and *summa cum laude*) to no more than 25% of the graduating class, with no more than 5% *summa cum laude*, and the total of *summa* and *magna cum laude* not exceeding 15%.

College honors is the highest academic recognition awarded by the College. The Committee on Honors, Awards, and Prizes reviews the academic records of the top 35% of the graduating class. Selection is based not on GPA alone, but on the breadth, depth, and rigor of academic program, high quality of academic achievement, departmental recommendations, and outstanding academic work beyond that which is required for the degree. Students may not apply for honors nor may they solicit faculty for recommendations.

There is no separate consideration of honors for October or February graduates. Each spring, the Committee on Honors, Awards, and Prizes considers the October and February graduates along with those who are degree candidates for May. The report of those graduating with honors is in the May Class Day program. The honor is noted on the diploma and transcript. October and February graduates may ask the Registrar to add an honors notation to an already issued diploma.

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.

**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.

#### **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.

**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.

#### **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.

### **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
- Harrassment
- 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 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. There are several ways to provide documentation. In all cases, documentation of immunity (Columbia University MMR form or comparable) must be completed and submitted to the Columbia Health Immunization Compliance Office (<http://health.columbia.edu/students/immunization-compliance-requirements/immunization-compliance-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* 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 must be faxed, mailed or delivered in person. The Immunization Compliance Office is unable to accept documentation via email for privacy and security reasons. The blood test and MMR immunizations can be obtained at Columbia Health (<http://health.columbia.edu>) 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](mailto: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 paying 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 not paying the 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](mailto: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.

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>.

## 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](http://registrar.columbia.edu/sites/default/files/content/degree-app-updated_nov-2015.pdf)) electronically and submit it to [diplomas@columbia.edu](mailto: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](mailto: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.

Note that this policy is meant to address any potential concerns about a faculty member's professional conduct 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.

Columbia College students with thoughts on ways to clarify or enhance these procedures should contact Columbia College Academic Affairs at [cc-academic@columbia.edu](mailto:cc-academic@columbia.edu).

## 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](mailto:OCR.NewYork@ed.gov)

646-428-3800

## 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 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](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](http://eoaa.columbia.edu/files/eoaa/content/student_policies_procedures_discrim_harass_final_april_2013.pdf)) and should be filed with the Dean of Students of the school in which the accused student is enrolled.

Complaints against employees and third parties affiliated with the University for discrimination and harassment are processed in accord with the Employment Policies and Procedures on Discrimination and Harassment. (<http://eoaa.columbia.edu/eoaa-policies-and-procedures>) The use of the term “discrimination and harassment” includes discrimination, discriminatory harassment, gender-based harassment, stalking, intimate partner violence, sexual harassment, and sexual assault.

Columbia University maintains policies regarding consensual romantic and sexual relationships between faculty and students, and staff and students.

The Faculty-Student Relationship Policy (<http://eoaa.columbia.edu/eoaa-policies-and-procedures/consensual-romantic-and-sexual-relationship>) states that no faculty member shall exercise academic or professional authority over any student with whom he or she has or previously has had a consensual romantic or sexual relationship. This policy covers all officers of instruction, research and the libraries, including student officers of instruction and research and teaching assistants.

The Staff-Student Relationship Policy (<http://eoaa.columbia.edu/eoaa-policies-and-procedures/consensual-romantic-and-sexual-relationship>) states that no staff member at Columbia should participate in the supervision, employment actions, evaluation, advising or mentoring of any Columbia University student with whom that staff member has or has had a consensual romantic or sexual relationship, except in unusual circumstances, where explicit advance authorization has been obtained.

For further information and assistance, contact:

#### **Office of Equal Opportunity and Affirmative Action**

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/sexual-violence-response](http://health.columbia.edu/sexual-violence-response)

212-854-HELP (4357)

#### **Medical Services (Confidential)**

[health.columbia.edu/emergency](http://health.columbia.edu/emergency)

212-854-7426

#### **Counseling and Psychological Services**

2920 Broadway

Lerner Hall, 8th Fl.

[health.columbia.edu/counseling-and-psychological-services](http://health.columbia.edu/counseling-and-psychological-services)

(<https://health.columbia.edu/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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# AFRICAN-AMERICAN STUDIES

**Institute for Research in African-American Studies:** 758 Schermerhorn Extension; 212-854-7080  
<http://iraas.columbia.edu/>

**Director of the Institute for Research in African-American Studies:** Prof. Farah J. Griffin; 758 Schermerhorn Extension; 212-854-7080; [fjg8@columbia.edu](mailto:fjg8@columbia.edu)

**Director of Undergraduate Studies:** Prof. Kevin Fellezs; 816A Dodge; 212-854-6689; [kf2362@columbia.edu](mailto:kf2362@columbia.edu)

**Assistant Director:** Shawn Mendoza; 758 Schermerhorn Extension; 212-854-8789; [sm322@columbia.edu](mailto:sm322@columbia.edu)

**Administrative Assistant:** Sharon Harris; 758 Schermerhorn Extension; 212-854-7080; [sh2004@columbia.edu](mailto:sh2004@columbia.edu)

The Institute for Research in African-American Studies was established at Columbia in 1993, expanding the University's commitment to this field of study. The African-American studies curriculum explores the historical, cultural, social, and intellectual contours of the development of people of African descent. The curriculum enables students to master the basic foundations of interdisciplinary knowledge in the humanities and social sciences in the black American, Caribbean, and sub-Saharan experience.

Courses examine the cultural character of the African diaspora; its social institutions and political movements; its diversity in thought, belief systems, and spiritual expressions; and the factors behind the continuing burden of racial inequality. During their junior and senior years of study, students focus their research within a specific discipline or regional study relevant to the African diaspora.

Students should consider a major in African-American studies if they are interested in careers where strong liberal arts preparation is needed, such as fields in the business, social service, or government sectors. Depending on one's area of focus within the major, the African-American studies program can also prepare individuals for career fields like journalism, politics, public relations, and other lines of work that involve investigative skills and working with diverse groups. A major in African-American studies can also train students in graduate research skills and methods, such as archival research, and is very useful for individuals who are considering an advanced graduate degree such as the Ph.D.

## DEPARTMENTAL HONORS

The requirements for departmental honors in African-American studies are as follows:

1. All requirements for major must be completed by graduation date;
2. Minimum 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 STUDIES THESIS

Although the senior thesis is a prerequisite for consideration for departmental honors, all African-American studies majors are strongly encouraged to consider undertaking thesis work even if they are ineligible or do not wish to be considered for departmental honors. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing, the result of which is a paper of 35-60 pages in length.

The senior thesis must be written under the supervision of at least one faculty member. Should the thesis writer elect to have more than one thesis adviser (either from the outset or added on during the early stages of research), these faculty in the aggregate comprise the Thesis Committee, of which one faculty member must be designated chair. In either case, it is incumbent upon the thesis writer to establish with the thesis chair and committee a reasonable schedule of deadlines for submission of outlines, chapters, bibliographies, drafts, etc.

In many cases, thesis writers may find that the most optimal way in which to complete a thesis is to formally enroll in an AFAS independent study course with their thesis adviser as the instructor. **All students interested in writing a thesis should notify the director of undergraduate studies and submit the name of the faculty adviser ideally by October 1, but certainly no later than the end of the fall semester.** In close consultation with the thesis adviser, students develop a viable topic, schedule of meetings, bibliography, and timeline for completion (including schedule of drafts and outlines).

## SENIOR FACULTY

Robert Gooding-Williams (Philosophy)  
 Steven Gregory (Anthropology)  
 Farah J. Griffin (English and Comparative Literature)  
 Samuel K. Roberts (History)  
 Josef Sorett (Religion)  
 Sudhir A. Venkatesh (Sociology)

## JUNIOR FACULTY

Kevin Fellezs (Music)  
 Frank Guridy (History)

## RESEARCH FELLOWS

Marcellus Blount (English and Comparative Literature)  
 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 Camp (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)  
 Gary Okiihiro (School of International and Public Affairs)  
 Robert O'Meally (English and Comparative Literature)  
 David Scott (Anthropology)  
 Susan Strum (Law School)

## MAJOR IN AFRICAN-AMERICAN STUDIES

Please note that as of December 2017 Major Requirements have changed. Please consult with the department if there are any questions. The major should be arranged in consultation with the director of undergraduate studies. Students interested in majoring should plan their course of study no later than the end of their sophomore year. A minimum of 27 points is required for the major as follows:

AFAS UN1001	Introduction to African-American Studies
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AFAS UN3936	Black Intellectuals Seminar
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A new course "Major Debates in African-American Studies" will replace this course in 2018-2019

One senior research seminar
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A minimum of four courses in the governed electives category, which provides an interdisciplinary background in the field of African-American studies. Such electives must be drawn from at least three different departments. Of these, one must be a literature course; one must be a history course; and one must focus primarily on cultures and societies located in Africa or within the African diaspora outside of the United States, such as the Caribbean or Latin America.

Five courses must be taken within a designated area of study, preferably within a distinct discipline (e.g., anthropology, English, sociology, political science, history). Students may also select their five courses within a distinct regional or geographical area within the African diaspora (e.g., sub-Saharan Africa). One of these five courses must be a seminar.

## CONCENTRATION IN AFRICAN-AMERICAN STUDIES

Please note that as of December 2017 Concentration Requirements have changed. Please consult with the department if there are any questions. A minimum of 19 points is required for the concentration. All students must take the introductory course, AFAS UN1001 Introduction to African-American Studies. Within the governed elective category, a minimum of 9 points must be taken. Of these, one course must be selected from the humanities; one course must be in the social sciences; and one must focus primarily on non-U.S. cultures and societies within the African diaspora and sub-Saharan Africa. Additionally, a minimum of 12 points must be acquired from courses within a designated area of study, such as a specific discipline or a regional area (e.g., Africa). One of the courses taken to fulfill either the governed electives category or the designated area of study category must be either AFAS UN3936 Black Intellectuals Seminar (This course will be replaced by "Major Debates in African-American Studies" in 2018-2019) or a research seminar.

### 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 2018: AFAS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1001	001/63368	M W 10:10am - 11:25am Ren Kraft Center	Kalia Brooks	4	102/123

#### 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).

#### Spring 2019: AFAS UN3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3030	001/78285	T 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kevin Holt	3	11/14

#### AFAS UN3930 Topics in the Black Experience. 4 points.

Please refer to Institute for Research in African American Studies for section course descriptions: <http://iraas.columbia.edu/>

#### Fall 2018: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	001/20696	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	17/14
AFAS 3930	002/17998	T 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Christine Pinnock	4	6/12
AFAS 3930	003/13022	T 10:00am - 11:50am 758 Ext Schermerhorn Hall	Anthony Johnson	4	6/12

#### Spring 2019: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AFAS 3930	001/13198	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	18/16
AFAS 3930	002/69265	W 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Zinga Fraser	4	12/14
AFAS 3930	003/10947	Th 10:10am - 12:00pm 758 Ext Schermerhorn Hall	Josef Sorett	4	10/14

#### 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 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 2019: AFAS UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3940	001/29576	F 2:10pm - 4:00pm	Josef Sorett	4	0/14

652 Schermerhorn  
Hall

**AFAS GU4031 Protest Music and Popular Culture. 3 points.**

Open to graduate students and limited advanced undergraduates. **Not offered during 2018-19 academic year.**

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 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 Institute for Research in African American Studies for section-by-section course descriptions.

**Fall 2018: AFAS GU4080**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	002/70856	W 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Obery Hendricks	4	10/12
AFAS 4080	003/63044	T 6:10pm - 8:00pm 758 Ext Schermerhorn Hall	Kevin Fellezs	4	9/12

**Spring 2019: AFAS GU4080**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/67846	W 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Farah Griffin	4	11/12
AFAS 4080	002/67550	Th 2:10pm - 4:00pm	Johanna Almiron	4	8/14

758 Ext  
Schermerhorn Hall

AFAS 4080 003/67046 M 12:10pm - 2:00pm Kalia Brooks 4 5/14

758 Ext  
Schermerhorn Hall

AFAS 4080 004/98600 T 12:10pm - 2:00pm Frank Guridy 4 12/14  
758 Ext  
Schermerhorn Hall

**AFAS GR6100 Interdisciplinary Approaches to African American Studies: The Pro-Seminar. 4 points.**

AFAM M.A. students' only required class.

This course introduces students to central questions and debates in the fields of African American Studies, and it explores the various interdisciplinary efforts to address them. The seminar is designed to provide an interdisciplinary foundation and familiarize students with a number of methodological approaches. Toward this end we will have a number of class visitors/guest lecturers drawn from members of IRAAS's Core and Affiliated Faculty.

**Fall 2018: AFAS GR6100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 6100	001/76979	Th 12:10pm - 2:00pm 758 Ext Schermerhorn Hall	Robert Gooding-Williams	4	6/12

## 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

#### **Economics**

ECON GU4438 Economics of Race in the U.S.

#### **English and Comparative Literature**

ENGL W3400 African-American Literature I

#### **English (Barnard)**

ENWS BC3144 Minority Women Writers in the United States

AFEN BC3148 Literature of the Great Migration: 1916-1970

ENGL BC3196 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

#### **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 W3245 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
<b>Religion (Barnard)</b>	
RELI UN3203	Religion in America II
RELI W4826	Religion, Race and Slavery
<b>Sociology</b>	
SOCI W2420	Race and Place in Urban America
SOCI W3277	Post-Racial America?
<b>Women's and Gender Studies</b>	
WMST GU4300	Queer Theory/ Visual Culture

# 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 2019: AMST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 1010	001/85941	M W 4:10pm - 5:25pm 413 Kent Hall	Maura Spiegel, Casey Blake	4	50/70

### 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

#### Spring 2019: AMST UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 1011	001/62699	W 6:10pm - 7:00pm 317 Hamilton Hall	Casey Blake	0	16/20
AMST 1011	002/27349	W 7:10pm - 8:00pm 317 Hamilton Hall	Casey Blake	0	6/20
AMST 1011	003/27551	Th 3:10pm - 4:00pm 319 Hamilton Hall	Casey Blake	0	1/20
AMST 1011	004/27700	F 10:10am - 11:00am 317 Hamilton Hall	Casey Blake	0	5/20
AMST 1011	005/27952	F 11:10am - 12:00pm 317 Hamilton Hall	Casey Blake	0	3/20

### 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 2018: AMST UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3920	001/64573		Casey Blake	1	4/10

#### AMST UN3930 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for the course descriptions for each section.

#### Fall 2018: AMST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/70115	T 4:10pm - 6:00pm 317 Hamilton Hall	Roosevelt Montas	4	13/18
AMST 3930	002/16629	Th 4:10pm - 6:00pm 607 Hamilton Hall	Robert Pollack, Craig Blinderman, Brigid Connelly	4	16/18
AMST 3930	003/70209	W 2:10pm - 4:00pm 317 Hamilton Hall	Caroline Miller	4	18/18
AMST 3930	004/13115	Th 4:10pm - 6:00pm 401 Hamilton Hall	Paul Grimstad	4	9/18
AMST 3930	004/13115	W 6:10pm - 8:00pm 317 Hamilton Hall	Paul Grimstad	4	9/18
AMST 3930	005/77521	M 6:10pm - 8:00pm 317 Hamilton Hall	Benjamin Rosenberg	4	16/18
AMST 3930	006/15904	W 4:10pm - 6:00pm 317 Hamilton Hall	Luke Mayville	4	15/18

#### AMST UN3931 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for section descriptions

#### Spring 2019: AMST UN3931

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	001/60559	T 10:10am - 12:00pm 317 Hamilton Hall	Randolph Jonakait	4	16/18
AMST 3931	002/26016	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	15/18
AMST 3931	003/73460	Th 2:10pm - 4:00pm 317 Hamilton Hall	Michael Hindus	4	15/18
AMST 3931	004/25565	Th 12:10pm - 2:00pm 317 Hamilton Hall	Tamara Mann Tweel	4	13/18
AMST 3931	005/26391	M 2:10pm - 4:00pm 317 Hamilton Hall	Andrew Delbanco, Roger Lehecka	4	15/20
AMST 3931	006/61006	M 10:10am - 12:00pm 317 Hamilton Hall	James Shapiro	4	13/15

AMST 3931	007/92748	T 12:10pm - 2:00pm 317 Hamilton Hall	Lynne Breslin	4	17/18
AMST 3931	008/83530	M 12:10pm - 2:00pm 317 Hamilton Hall	Jeremy Dauber	4	6/15
AMST 3931	009/26282	W 10:10am - 12:00pm 313 Pupin Laboratories	Roosevelt Montas	4	4/15

#### 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 2019: AMST UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3990	001/65527		Casey Blake	4	2/18

#### 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.

#### Fall 2018: AMST UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3997	001/27290		Casey Blake	1-4	1/8

#### 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*

# 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.
AHIS UN3248	Greek Art and Architecture
AHIS UN3250	Roman Art and Architecture
PHIL UN2101	The History of Philosophy I: Presocratics to Augustine
CLLT UN3132	Classical Myth

### 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.

RELI V3120 Introduction to the New Testament

RELI V3140 Early Christianity

#### **Women's and Gender Studies**

WMST GU4300 Queer Theory/ Visual Culture

## OF RELATED INTEREST

### **Art History and Archaeology**

AHIS UN3248 Greek Art and Architecture

### **Classics**

GREK UN1101 Elementary Greek I

LATN UN1101 Elementary Latin I

GREK UN1102 Elementary Greek II

LATN UN1102 Elementary Latin II

LATN V1120 Preparation for Intermediate Latin

GREK UN1121 Intensive Elementary Greek

LATN UN1121 Intensive Elementary Latin

GREK UN2101 Intermediate Greek I Attic Prose

LATN UN2101 Intermediate Latin I

LATN UN2102 Intermediate Latin II

CLLT UN3132 Classical Myth

CLCV GU4110 Gender and Sexuality In Ancient Greece

### **History**

HIST W4024 The Golden Age of Athens

### **Philosophy**

PHIL UN2101 The History of Philosophy I: Presocratics to Augustine

### **Religion**

# ANTHROPOLOGY

**Departmental Office:** 452 Schermerhorn; 212-854-4552  
<http://www.columbia.edu/cu/anthropology>

## Directors of Undergraduate Studies:

Professor Audra Simpson; 857 Schermerhorn Extension; 212-854-5901; [as3575@columbia.edu](mailto:as3575@columbia.edu); Office Hours: TBA

## Departmental Consultants:

*Archaeology:* Prof. Zoë Crossland, 965 Schermerhorn Extension; 212-854-7465; [zc2149@columbia.edu](mailto:zc2149@columbia.edu)

*Biological/Physical Anthropology:* Prof. Ralph Holloway, 856 Schermerhorn Extension; 212-854-4570; [rlh2@columbia.edu](mailto: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 Past, 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 2018 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 2018: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/14566	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Naor Ben-Yehoyada	3	58/73
ANTH 1002	002/01207	M W 11:40am - 12:55pm 504 Diana Center	Brian Larkin	3	61

#### Spring 2019: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/24622	T Th 11:40am - 12:55pm 207 Mathematics Building	Vanessa Agard-Jones	3	84/120

### 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 2018: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 1007 001/22359 M W 2:40pm - 3:55pm  
833 Seeley W. Mudd Building  
Camilla Strum 3 78/120

### 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 2018: ANTH UN2004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2004	001/64576	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	Marilyn Ivy	3	47/100

### 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 2018: ANTH UN2026**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2026	001/63942	T Th 6:10pm - 7:25pm 467 Ext Schermerhorn Hall	Maria Jose de Abreu	3	14/30

**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.

**Fall 2018: ANTH UN3151**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3151	001/14470	M W 10:10am - 11:25am 609 Hamilton Hall	Hannah Chazin	4	17/20

**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.

**Fall 2018: ANTH UN3465**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3465	001/65089	M W 11:40am - 12:55pm 313 Fayerweather	Lila Abu-Lughod	3	48/75

**ANTH UN3661 South Asia: Anthropological Approaches. 4 points.**

Not offered during 2018-19 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.

**Fall 2018: ANTH UN3661**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3661	001/01215	T 12:10pm - 2:00pm 318 Milbank Hall	Elizabeth Green	4	14/31

**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.

**Fall 2018: ANTH UN3821**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3821	001/74157	W 2:10pm - 4:00pm 467 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 2018: ANTH UN3823**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3823	001/23746	T 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Terence D'Altroy	4	12/15

**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.

#### Fall 2018: ANTH UN3828

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3828	001/08512	Th 4:10pm - 6:00pm 207 Milbank Hall	Nadia Abu El-Haj	4	34/35

#### 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.

#### Fall 2018: ANTH UN3829

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3829	001/01216	W 10:10am - 12:00pm 227 Milbank Hall	Lesley Sharp	4	6/15

#### 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 2018: ANTH UN3861

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3861	001/01217	W 10:10am - 12:00pm	Paige West	4	20/21

L1016 Milstein  
Center

#### 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 2018: ANTH BC3871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3871	001/07710	M 4:10pm - 6:00pm 501 Diana Center	Lesley Sharp, Nadia Abu El-Haj, J.C. Salyer	4	14

#### 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.

#### Fall 2018: ANTH UN3880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3880	001/16998	T 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	John Pemberton	4	7/25

#### 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.

**Fall 2018: ANTH UN3933**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3933	001/14692	M 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Brinkley Messick	4	32/40

**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

**Fall 2018: ANTH UN3949**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3949	001/17144	M 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Michael Taussig, Dakota Straub	4	15/35

**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 2018: ANTH UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3997	001/63006		Brian Boyd	2-6	0/10
ANTH 3997	002/66410		Myron Cohen	2-6	0/10
ANTH 3997	003/92101		Maria Jose de Abreu	2-6	0
ANTH 3997	004/24556		Zoe Crossland	2-6	2/10
ANTH 3997	005/64094		Terence D'Altroy	2-6	0/10
ANTH 3997	006/81782		Paige West	2-6	0/10
ANTH 3997	007/66412		Yasmin Cho	2-6	0/10
ANTH 3997	008/28553		Catherine Fennell	2-6	0/10
ANTH 3997	010/25793		Marilyn Ivy	2-6	1/10
ANTH 3997	014/17455		Ellen Marakowitz	2-6	0/10
ANTH 3997	015/26033		Naor Ben-Yehoyada	2-6	0/10
ANTH 3997	016/69791		Rosalind Morris	2-6	0/10
ANTH 3997	017/22211		John Pemberton	2-6	1/10
ANTH 3997	018/28577		Elizabeth Povinelli	2-6	0/10
ANTH 3997	019/13974		Nan Rothschild	2-6	0/10
ANTH 3997	021/60204		Partha Chatterjee	2-6	0/10
ANTH 3997	022/23495		Karen Seeley	2-6	0/10

ANTH 3997	023/27923	Audra Simpson	2-6	1/10
ANTH 3997	024/62682	Michael Taussig	2-6	0/10
ANTH 3997	026/21563	Lila Abu-Lughod	2-6	0/10
ANTH 3997	029/22643	Ralph Holloway	2-6	0/10
ANTH 3997	031/76244	Steven Gregory	2-6	0/10
ANTH 3997	032/14814	Brinkley Messick	2-6	0/10
ANTH 3997	033/29990	Mahmood Mamdani	2-6	0/10
ANTH 3997	034/27578	David Scott	2-6	0/10
ANTH 3997	035/04391	Nadia Abu El-Haj	2-6	1
ANTH 3997	036/61760	Claudio Lomnitz	2-6	0/10
ANTH 3997	044/21804	Yasmin Cho	2-6	0/10
ANTH 3997	045/76556	Adam Watson	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 2018: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/28491	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Audra Simpson	4	10/15

ANTH 3999	002/01541	M 2:10pm - 4:00pm 227 Milbank Hall	Nadia Abu El-Haj	4	0
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#### Spring 2019: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/26163	W 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Lila Abu-Lughod	4	8/10

## 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 2018: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1007	001/22359	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Camilla Strum	3	78/120

## PHYSICAL ANTHROPOLOGY

## SPRING 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 2018: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/14566	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Naor Ben-Yehoyada	3	58/73
ANTH 1002	002/01207	M W 11:40am - 12:55pm 504 Diana Center	Brian Larkin	3	61

#### Spring 2019: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/24622	T Th 11:40am - 12:55pm 207 Mathematics Building	Vanessa Agard-Jones	3	84/120

### 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 2019: ANTH UN1008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/20503	M W 11:40am - 12:55pm	Terence D'Altroy	3	98/120

833 Seeley W. Mudd  
Building

**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.

**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 2019: ANTH UN2005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2005	001/70041	T Th 4:10pm - 5:25pm 833 Seeley W. Mudd Building	Maria Jose de Abreu	3	38/120

**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 2019: ANTH UN2028**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/88949	T Th 10:10am - 11:25am 6ab Kraft Center	Hannah Chazin	4	20/90

**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.

**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.

**Spring 2019: ANTH UN3602**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3602	001/18147	W 2:10pm - 4:00pm 401 Hamilton Hall	Peter Lagerqvist	4	19/20



**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 2019: ANTH UN3728**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3728	001/23458	T 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Vanessa Agard-Jones	4	17/20

**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.

**Spring 2019: ANTH UN3888**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3888	001/20236	W 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Marilyn Ivy	4	11/20

**ANTH UN3912 Ethnographic China. 4 points.**

Contemporary China through the writings of anthropologists who have done fieldwork there during the past decade.

**Spring 2019: ANTH UN3912**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 3912	001/72714	W 2:10pm - 4:00pm 951 Ext Schermerhorn Hall	Myron Cohen	4	7/20
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**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.

**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.

**Spring 2019: ANTH UN3947**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3947	001/17279	T 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	John Pemberton	4	21/23

**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.

**Spring 2019: ANTH UN3966**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3966	001/15240	T 10:10am - 12:00pm 951 Ext Schermerhorn Hall	Karen Seeley	4	13/20



**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 2019: ANTH UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3998	001/72826		Brian Boyd	2-6	2/10
ANTH 3998	002/23435		Myron Cohen	2-6	0/10
ANTH 3998	003/17107		Paige West	2-6	3/10
ANTH 3998	004/29352		Zoe Crossland	2-6	1/10
ANTH 3998	005/13011		Terence D'Altroy	2-6	1/10
ANTH 3998	006/74533		Maria Jose de Abreu	2-6	0/10
ANTH 3998	007/16124		Severin Fowles	2-6	0/10
ANTH 3998	008/19415		Catherine Fennell	2-6	0/10
ANTH 3998	009/62048		Nadia Abu El-Haj	2-6	0/10
ANTH 3998	010/64785		Elizabeth Green	2-6	0/10
ANTH 3998	011/14691		Yasmin Cho	2-6	0/10
ANTH 3998	012/70336		Naor Ben-Yehoyada	2-6	0/10
ANTH 3998	014/19357		Ellen Marakowitz	2-6	0/10
ANTH 3998	015/77545		David Harvey	2-6	0/10
ANTH 3998	016/29336		Rosalind Morris	2-6	0/10
ANTH 3998	017/16018		John Pemberton	2-6	1/10
ANTH 3998	018/18148		Elizabeth Povinelli	2-6	0/10
ANTH 3998	021/25750		Partha Chatterjee	2-6	0/10
ANTH 3998	022/17172		Karen Seeley	2-6	0/10
ANTH 3998	024/66515		Michael Taussig	2-6	0/10
ANTH 3998	026/75127		Lila Abu-Lughod	2-6	2/10
ANTH 3998	029/66312		Ralph Holloway	2-6	0/10
ANTH 3998	030/75240		Lesley Sharp	2-6	0/10
ANTH 3998	031/73109		Steven Gregory	2-6	0/10
ANTH 3998	032/28978		Brinkley Messick	2-6	1/10
ANTH 3998	033/21635		Mahmood Mamdani	2-6	0/10
ANTH 3998	034/15969		David Scott	2-6	0/10
ANTH 3998	036/27193		Claudio Lomnitz	2-6	0/10

ANTH 3998	039/73380	Brian Larkin	2-6	0/10
ANTH 3998	041/24198	Hannah Chazin	2-6	0/10
ANTH 3998	042/22341	Marilyn Ivy	2-6	0/10
ANTH 3998	044/60903	Vanessa Agard-Jones	2-6	0/10
ANTH 3998	045/19140	Nan Rothschild	2-6	0/10
ANTH 3998	046/70941	Paige West	2-6	1/10
ANTH 3998	052/65298	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 2018: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/28491	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Audra Simpson	4	10/15
ANTH 3999	002/01541	M 2:10pm - 4:00pm 227 Milbank Hall	Nadia Abu El-Haj	4	0

#### Spring 2019: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/26163	W 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Lila Abu-Lughod	4	8/10

#### 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.

#### Spring 2019: ANTH GU4345

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4345	001/70810	Th 2:10pm - 4:00pm 951 Ext Schermerhorn Hall	Brian Boyd	3	11/20

#### 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.

#### Spring 2019: ANTH GU4481

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4481	001/75030	W 12:10pm - 4:00pm 954 Ext Schermerhorn Hall	Zoe Crossland	4	15/15

#### 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-19<sup>th</sup> 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 2019: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/18596	W 2:10pm - 4:00pm 337 Seeley W. Mudd Building	Nadia Abu El-Haj	4	25/30

## 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 2019: ANTH UN1008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/20503	M W 11:40am - 12:55pm 833 Seeley W. Mudd Building	Terence D'Altroy	3	98/120

#### 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 2019: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/88949	T Th 10:10am - 11:25am 6ab Kraft Center	Hannah Chazin	4	20/90

#### 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.

#### Spring 2019: ANTH GU4345

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 4345	001/70810	Th 2:10pm - 4:00pm 951 Ext Schermerhorn Hall	Brian Boyd	3	11/20
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#### 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.

#### Spring 2019: ANTH GU4481

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4481	001/75030	W 12:10pm - 4:00pm 954 Ext Schermerhorn Hall	Zoe Crossland	4	15/15

## 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 2019: ANTH GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4148	001/21810	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.

#### Spring 2019: ANTH GU4002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 001/17344 Th 4:10pm - 6:00pm Ralph 3 10/12  
 4002 951 Ext Holloway  
 Schermerhorn Hall

## 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
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CSER UN3924	Latin American and Latina/o Social Movements
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CSER UN3990	Senior Project Seminar
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### **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](mailto: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 Mierop

## 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
EESC UN3010	Field Geology

**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
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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 2018: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/03852	F 1:10pm - 4:25pm 501 Diana Center	Ralph Ghoche	3	18/20

### 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 2018: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/04122	M W 1:10pm - 3:00pm 116a Lewisohn Hall	Richard Rouhe	3	14/16
ARCH 1020	002/01287	T Th 10:10am - 12:00pm 116a Lewisohn Hall	Virginia Black	3	8/16

### 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.

#### Fall 2018: ARCH UN2505

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2505	001/07009	T Th 1:10pm - 2:25pm 203 Diana Center	Anooradha Siddiqi	3	25

#### 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.

#### Fall 2018: ARCH UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3101	001/05766	M W 9:00am - 11:50am 404 Diana Center	Severino Alfonso	4	8/16
ARCH 3101	002/01037	M W 10:00am - 12:50pm Room TBA	Madeline Schwartzman	4	9/16

#### 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. Attendance is mandatory at the first class meeting in order to form class registration lists.

#### Fall 2018: ARCH UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ARCH 3103	001/05053	T Th 9:00am - 11:50am 404 Diana Center	Ana Penalba	4	12/16
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#### ARCH UN3201 Architectural Design, I. 4.5 points.

Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor. Introduction to architectural design taught in a studio environment, through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. Portfolio of design work from Architectural Representation: Abstraction and Perception will be reviewed the first week of classes.

#### Fall 2018: ARCH UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3201	001/08540	M W 9:00am - 11:50am 116b Lewisohn Hall	Karen Fairbanks, Joeb Moore, Miku Dixit	4.5	22/40

#### ARCH UN3202 Architectural Design, II. 4.5 points.

Prerequisites: ARCH V3201. Open to architecture majors or with permission of instructor.

Studio workshop continuation of *ARCH V3201*. Emphasis on the manipulation of an architectural vocabulary in relationship to increasingly complex conceptual, social, and theoretical issues. Field trips, lectures, and discussions are organized in relation to studio exercises.

#### 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 2018: ARCH UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3211	001/07045	M W 9:00am - 11:50am 404 Diana Center	Ignacio Gonzalez Galan	5	10/11

#### 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.

### **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 2018: ARCH UN3312**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/03927	M W 2:10pm - 4:00pm 501 Diana Center	Ignacio Gonzalez Galan	3	14/16
ARCH 3312	002/07800	M W 4:10pm - 6:00pm 406 Barnard Hall	Irina Verona	3	8/16

### **ARCH UN3901 Senior Seminar. 4 points.**

Readings, individual class presentations, and written reports.

#### **Fall 2018: ARCH UN3901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/09761	T 10:10am - 12:00pm 502 Diana Center	Anooradha Siddiqi	4	11/16

### **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 2018: ARCH UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3997	002/05147		Karen Fairbanks	2-4	0/10
ARCH 3997	003/06391		Ignacio Gonzalez Galan	2-4	0/10
ARCH 3997	004/03994		Ralph Ghoche	2-4	0/10

# 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](mailto:bgb1@columbia.edu)

**Director of Art Humanities:** Prof. Noam Elcott, 907 Schermerhorn; 212-854-7968; [nme2106@columbia.edu](mailto:nme2106@columbia.edu)

**Coordinator for Undergraduate Programs:** Emily Benjamin, 826 Schermerhorn; 212-854-4505; [eb3061@columbia.edu](mailto: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 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 departmental 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](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](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](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  
Vidya Dehejia  
David Freedberg  
Robert E. Harrist, Jr.  
Anne Higonnet (Barnard)  
Holger Klein  
Rosalind Krauss  
Branden Joseph  
Matthew McKelway  
Stephen Murray  
Jonathan Reynolds (Barnard)  
Simon Schama  
Avinoam Shalem  
Zoë Strother

## ASSOCIATE PROFESSORS

Francesco de Angelis  
Noam M. Elcott  
Elizabeth Hutchinson (Barnard)  
Kellie Jones  
Ioannis Mylonopoulos

## ASSISTANT PROFESSORS

Diane Bodart  
Zeynep Celik  
Meredith Gamer  
Eleonora Pistis  
Michael Waters

## ADJUNCT FACULTY

Dawn Delbanco  
Rosalyn Deutsche (Barnard)  
John Rajchman  
Stefaan Van Liefferinge

## LECTURERS

Talia Andrei  
Frederique Baumgartner  
Marta Becherini  
Colby Chamberlain

Miriam Chusid  
 Huffa Frobes-Cross  
 Alessandra Di Croce  
 Daniel Greenberg  
 Yoko Hara  
 Alexandra Helprin  
 Page Knox  
 Janet Kraynak  
 Sandrine Larrive-Bass  
 Martina Mims  
 Irina Oryshkevich  
 Olivia Powell  
 Maria Gonzalez Pendas  
 Elizabeth Perkins  
 Michael Sanchez  
 Rachel Silveri  
 Susan Sivard  
 Caroline Wamsler

## ON LEAVE

Profs. Joseph, McKelway, Waters (2018-2019)  
 Prof. Delbanco (Fall 2018)  
 Profs. Crary, Dehejia, Harrist, Reynolds, Shalem (Spring 2019)

## 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.

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## 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:

Seven courses in art history, including four in architectural history. Courses must cover four of five general areas, as described for the major:

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.

#### Spring 2019: AHIS UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 1007	001/75510	M W 4:10pm - 5:25pm 612 Schermerhorn Hall	Eleonora Pistis	4	56/67

### AHIS UN2108 Greek Art and Architecture. 3 points.

Introduction to the art and architecture of the Greek world during the archaic, classical, and Hellenistic periods (11th - 1st centuries B.C.E.).

#### Fall 2018: AHIS UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2108	001/62589	M W 10:10am - 11:25am 612 Schermerhorn Hall	Ioannis Mylonopoulos	3	48/67

### AHIS UN2109 Roman Art and Architecture. 3 points.

The architecture, sculpture, and painting of ancient Rome from the 2nd century B.C. to the end of the Empire in the West.

#### Spring 2019: AHIS UN2109

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2109	001/18284	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Francesco de Angelis	3	48/67

### AHIS UN2305 Renaissance Imperial Spain. 4 points.

Prerequisites: Required discussion section AHIS UN2306

The course will survey Renaissance art in Hapsburg Spain, considered in the wide geographical context of the extended and dispersed dominions of the different crowns of the Spanish monarchy, which connected the Iberian Peninsula with Italy, Flanders and the New World. It will concern visual art in its various media, mainly painting, sculpture and architecture,

but also tapestries, prints, armor, goldsmithery and ephemeral decoration, among others. Works of the main artists of the period will be introduced and analyzed, giving attention to the historical and cultural context of their production and reception. The course will particularly focus on the movement of artists, works and models within the Spanish Hapsburg territories, in order to understand to what extent visual arts contributed to shaping the political identity of this culturally composite empire.

#### Spring 2019: AHIS UN2305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2305	001/92194	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Diane Bodart	4	15/67

#### AHIS UN2400 Nineteenth-Century Art. 4 points.

The course examines selected topics in the history of European painting from the 1780s to 1900. It will explore a range of aesthetic, cultural and social issues through the work of major figures from David, Goya, and Turner to Manet, Seurat and Cezanne. This is a no laptop, no e-device course.

#### Fall 2018: AHIS UN2400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2400	001/25518	M W 4:10pm - 5:25pm 612 Schermerhorn Hall	Jonathan Crary	4	57/60

#### AHIS UN2405 Twentieth-Century Art. 3 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 2019: AHIS UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2405	001/00349	T Th 4:10pm - 5:25pm 501 Schermerhorn Hall	Alexander Alberro	3	156/200

#### AHIS UN2420 Art in Britain: Holbein to Shonibare. 3 points. Not offered during 2018-19 academic year.

This course will examine the history of art in Britain from the early sixteenth century to present. Students will be introduced to major artists, works, and media, as well as to key themes in the art historical scholarship. Topics will include: portraiture, politics,

and power; landscape and national identity; print culture, graphic satire, and caricature; the relationship between image and text; and the visual culture of slavery, trade, and empire.

#### Fall 2018: AHIS UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2420	001/16347	T Th 4:10pm - 5:25pm 807 Schermerhorn Hall	Meredith Gamer	3	25/50

#### AHIS UN2500 The Arts of Africa. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to the arts of Africa, including masquerading, figural sculpture, reliquaries, power objects, textiles, painting, photography, and architecture. The course will establish a historical framework for study, but will also address how various African societies have responded to the process of modernity.

#### Spring 2019: AHIS UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2500	001/10976	M W 4:10pm - 5:25pm 832 Schermerhorn Hall	Zoe Strother	3	28/33

#### AHIS UN2602 The Arts of Japan. 3 points.

Introduction to the painting, sculpture, and architecture of Japan from the Neolithic period through the present. Discussion focuses on key monuments within their historical and cultural contexts.

#### Fall 2018: AHIS UN2602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2602	001/86496	T Th 10:10am - 11:25am 807 Schermerhorn Hall	Miriam Chusid	3	15/30

#### Spring 2019: AHIS UN2602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2602	001/70967	T Th 10:10am - 11:25am 807 Schermerhorn Hall	Miriam Chusid	3	30/35

#### 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 2018: AHUM UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2604	002/78460	M W 11:40am - 12:55pm	Ja Lee	3	19/22

AHUM 2604	003/16498	930 Schermerhorn Hall T Th 4:10pm - 5:25pm 930 Schermerhorn Hall	Daria Melnikova	3	17/22
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**Spring 2019: AHUM UN2604**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2604	002/20940	M W 2:40pm - 3:55pm 807 Schermerhorn Hall	Ja Lee	3	24/22
AHUM 2604	003/14449	T Th 2:40pm - 3:55pm 807 Schermerhorn Hall	Daria Melnikova	3	23/22

**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 2019: AHIS UN2612**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2612	001/63046	T Th 1:10pm - 2:25pm 807 Schermerhorn Hall	Alfreda Murck	3	39/55

**AHIS UN2702 Pre-Columbian Art and Architecture. 3 points.**

The Western Hemisphere was a setting for outstanding accomplishments in the visual arts for millennia before Europeans set foot in the so-called “New World.” This course explores the early indigenous artistic traditions of what is now Latin America, from early monuments of the formative periods (e.g., Olmec and Chavín), through acclaimed eras of aesthetic and technological achievement (e.g., Maya and Moche), to the later Inca and Aztec imperial periods. Our subject will encompass diverse genre including painting and sculpture, textiles and metalwork, architecture and performance. Attention will focus on the two cultural areas that traditionally have received the most attention from researchers: Mesoamerica (including what is today Mexico, Guatemala, Belize, El Salvador, and Honduras) and the Central Andes (including Ecuador, Peru, and Bolivia). We will also critically consider the drawing of those boundaries—both spatial and temporal—that have defined “Pre-Columbian” art history to date. More than a survey of periods, styles, and monuments,

we will critically assess the varieties of evidence—archaeological, epigraphic, historical, ethnographic, and scientific—available for interpretations of ancient Latin American art and culture.

**Spring 2019: AHIS UN2702**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2702	001/25513	M W 1:10pm - 2:25pm 612 Schermerhorn Hall	Lisa Trever	3	57/67

**AHUM UN2802 Arts of Islam: Realignment of Empire and State (ca. 1000-1400). 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This introductory survey course, open to both undergraduates and graduates, examines a broad spectrum of artistic and architectural developments across the Islamic World (Spain, North Africa, Middle East and Central Asia) encompassing crucial political and territorial shifts that occurred in the late medieval period. Looking inward and outward, these shifts not only created new realities of empire and state, but also realigned engagements between a variety of Muslim societies with both European, African and Asian steppe cultures, leading to new forms that articulate shifts in religious, political, intellectual and social practices. Through examining a series of test cases in within a mainly chronological narrative, the course will cultivate clear visual analysis within particular cultural and material contexts. It will also develop experience with reading a variety of secondary and primary source materials in translation. *This course is the second part of the series "Arts of Islam" and can be taken separately for credit.*

**Fall 2018: AHUM UN2802**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2802	001/82496	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Avinoam Shalem	4	47/66

**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 2018: AHUM UN2901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/81529	T Th 2:40pm - 3:55pm 612 Schermerhorn Hall	Vidya Dehejia	4	67/67

**Spring 2019: AHUM UN2901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AHUM 002/14582 T Th 11:40am - Tara 4 21/22  
2901 12:55pm Kuruvilla  
832 Schermerhorn  
Hall

## 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 UN3101 The Public Monument in the Ancient Near East. 4 points.

This seminar will focus on the invention of the public monument as a commemorative genre, and the related concepts of time, memory and history in the ancient Near East and Egypt. Public monuments will be studied in conjunction with readings from ancient texts (in translation), as well as historical criticism, archaeological and art historical theories.

#### Spring 2019: AHIS UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3101	001/18950	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Zainab Bahrani	4	10/15

### AHIS UN3103 Roman Villas: The Art and Architecture of an Ancient Lifestyle. 4 points.

Not offered during 2018-19 academic year.

The villa—the countryside residence that Roman aristocrats used both for running landed estates and as a leisure retreat from city life—is one of the most characteristic features of the ancient classical world. From the late Republic on, it was the locus where a new and distinctive lifestyle was developed. It thus became a critical node for the establishment and definition of central values and notions of Roman culture, such as work and leisure, culture and nature, city and countryside, “Roman-ness” and Greekness. The architectural features of villas as well as their painted and sculptural decoration played a key role in this context. Far from being mere backdrops, they decisively contributed to the constitution and shaping of these life ideals. The seminar is designed to introduce students to the main aspects of the architecture and imagery of Roman villas by focusing on well known examples from the Vesuvian area. Issues that will be discussed include: How should we describe and present an ancient villa? How did the Romans do it, and to what extent can we rely on ancient texts to visualize villas? What is the relationship between architecture and social practices, and how can we use archaeological remains to reconstruct these practices? What does the layout and location of villas tell us about Roman attitudes toward nature? What methods have modern scholars developed to interpret the figural decoration of villas? Are they sufficient for a thorough understanding of how images affected the experience

of inhabitants and visitors of villas, or can we go beyond current approaches?

#### Fall 2018: AHIS UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3103	001/23324	T 6:10pm - 8:00pm 930 Schermerhorn Hall	Francesco de Angelis	4	9/12

### AHIS UN3313 Women Painters in Europe, 1500-1750. 4 points.

Not offered during 2018-19 academic year.

Histories of European Renaissance and Baroque art once narrated a story involving almost only male actors: it was men who made the period's paintings and sculptures, men who purchased them, and men who left their views on art for posterity. That characterization of the field is no longer quite so true, and one of the most significant changes in the field is that female painters now feature in every survey of the period. The aim of this course is to look comparatively at the painterly works produced by women across the early modern period and at the way those pictures have been treated in the scholarly literature from the last several decades.

#### Fall 2018: AHIS UN3313

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3313	001/19255	W 2:10pm - 4:00pm 934 Schermerhorn Hall	Michael Cole	4	8/10

### AHIS UN3319 The Architect's Library-Laboratory. 4 points.

This seminar challenges the interpretation of architect's libraries as static repositories of information, and it shows how they were in fact sorts of laboratories, in which architects experimented in both the creation of knowledge and the production of designs.

#### Spring 2019: AHIS UN3319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3319	001/83198	Th 12:10pm - 2:00pm 934 Schermerhorn Hall	Eleonora Pistis	4	6/12

### AHIS UN3413 Nineteenth-Century Criticism. 4 points.

Prerequisites: junior or senior standing, and the instructor's permission.

Selected readings in 19th-century philosophy, literature, and art criticism, with emphasis on problems of modernity and aesthetic experience. Texts include work by Diderot, Kant, Coleridge, Hegel, Emerson, Flaubert, Ruskin, Baudelaire, and Nietzsche.

#### Spring 2019: AHIS UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3413	001/25030	T 10:10am - 12:00pm 930 Schermerhorn Hall	Jonathan Cray	4	11/12



**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

**Fall 2018: AHIS UN3444**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3444	001/90942	T 10:10am - 12:00pm 934 Schermerhorn Hall	Jonathan Crary	4	13/15

**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.

**Spring 2019: AHIS UN3501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3501	001/16745	T 2:10pm - 4:00pm 806 Schermerhorn Hall	Zoe Strother	4	9/15

**AHIS UN3608 Contemporary Japanese Art. 4 points.**

This seminar examines the development of Japanese art from the early twentieth century to the present. Rather than a traditional survey, this course thematically explores some of the major theoretical, political, and historical developments found in a broad range of visual cultural practices. As we engage with artworks produced in a wide range of media—painting, performance, film, cultural products, and fashion—we will also investigate how contemporary art deliberately engages with Japan's past and envisions its future. Themes to be considered include representations of gender and the environment, political dissent, Japan's relationship with the West, technology, cuteness, the art of disaster, and fantasy. We will also think about the place of Japanese art in a global context, as well as the changing understanding of "art" and its place in society.

**Fall 2018: AHIS UN3608**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AHIS 3608	001/86946	T 2:10pm - 4:00pm 806 Schermerhorn Hall	Miriam Chusid	4	11/12
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**AHIS UN3610 Visualizing Japanese Buddhism. 4 points.**

It has long been recognized that Buddhism is a religion whose tenets are constantly being absorbed, reinterpreted, and disseminated through images. While artworks exist as compliments to doctrinal thought, they are also integral components to ritual and belief, and can even underpin and inspire new forms of religious thought. This course provides a multi-disciplinary approach to the study of Buddhist art in Japan. Each week, we will focus on one group of related images, studying and analyzing their basic design or composition and material. Then, we will think about their original use, how they served specific ritual functions, or how they promoted certain Buddhist teachings. Themes to be considered include the development of Japanese Buddhist art in relation to the broader East Asian context and to indigenous Japanese religions (Shinto), the role of art and architecture in promulgating larger belief systems, women as Buddhist practitioners and as commissioners of religious art projects, and the deification of historical figures. By the end of this course, students will acquire an understanding of the multiple ways people in the Japanese archipelago interpreted Buddhist art over time, and will learn to evaluate and analyze religious artworks within specific ideological frameworks.

**AHIS UN3708 Beyond El Dorado: Materials, Values, and Aesthetics in Pre-Columbian Art History. 4 points.**

In this seminar, we will investigate ancient and indigenous art, materials, and aesthetics from areas of what is today Latin America. Taking advantage of New York's unrivaled museum collections, we will research Pre-Columbian gold and silver work, as well as equally precious stone, shell, textile, and feather works created by artists of ancient Mexico, Central America, and Andean South America. We will also study latter-day histories of collecting, reception, display, appropriation, and activism that shape contemporary understandings of Pre-Columbian art.

**Fall 2018: AHIS UN3708**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3708	001/19701	M 12:10pm - 2:00pm 806 Schermerhorn Hall	Lisa Trever	4	7/12

**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 2018: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/71229	W 10:10am - 12:00pm 806 Schermerhorn Hall	Zoe Strother	4	10/15

#### Spring 2019: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/60049	Th 10:10am - 12:00pm 930 Schermerhorn Hall	Meredith Gamer	4	15/15

#### 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.

#### Spring 2019: AHIS UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3007	001/60481	W 10:10am - 12:00pm 934 Schermerhorn Hall	Zeynep Celik	4	10/12

## SENIOR THESIS

*The year-long Senior Thesis program is open to majors in the Department of Art History and Archaeology. For more information, please visit the Senior Thesis information page (<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 2018: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/23208	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Barry Bergdoll	3	8/10

#### Spring 2019: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/70888	T 4:10pm - 6:00pm 930 Schermerhorn Hall	Barry Bergdoll	3	8/10

## 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 GU4011 Art and Archaeology of Mesopotamia. 3 points. Not offered during 2018-19 academic year.

This course surveys the art and architecture of Mesopotamia from the rise of the first cities, the invention of writing, and the development of monumental art and architecture in the fourth millennium BC through the Parthian- Roman era (3rd century AD). Within this historical framework the lectures will focus on the revolutionary ancient developments in art and architecture, including the origins of narrative representation, the first emergence of historical public monuments, and sacred architecture. We will also study some ancient texts on the making and uses of images and monuments, including rituals of animating statues, building rituals, treatment of images in wars, and visual performativity. At the same time, small scale and personal arts will be considered in the context of private ownership and the practices of daily life.

#### Fall 2018: AHIS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4011	001/70506	T Th 4:10pm - 5:25pm 612 Schermerhorn Hall	Zainab Bahrani	3	37/60

#### AHIS GU4021 Medieval Art I: From Late Antiquity to the End of Byzantium. 4 points.

Not offered during 2018-19 academic year.

A survey of Early Christian and Byzantine art from its origins in the eastern provinces of the Late Roman Empire through the Ottoman Conquest of Constantinople in 1453. The course is first segment of a two-part survey of medieval monuments offered by the Department of Art History and Archaeology.

#### Fall 2018: AHIS GU4021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4021	001/13006	M W 1:10pm - 2:25pm 612 Schermerhorn Hall	Holger Klein	4	22/50

#### AHIS GU4045 Collecting. 4 points.

Collecting is among the most universal of human social phenomena. The course begins by studying the universality of collecting, exploring its range and hierarchies. Following a study of social, psychological, and anthropological theories of collecting, the course traces the history of collecting at its highest levels, from Renaissance princely collections to modern public art museums. The course is mostly about European and American collecting, but includes discussion of how art from all over the world has been

collected. Special attention will be paid to preserved collections and art about collecting.

#### Spring 2019: AHIS GU4045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4045	001/21646	M W 10:10am - 11:25am 612 Schermerhorn Hall	Anne Higonnet	4	64/75

## 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 GU4531 Tintoretto – 500 Years. 4 points.

Acclaimed in his time as one of the most promising painters of his generation, but also criticized for the haste of his working method and his eccentricity, Jacopo Tintoretto is among the most complex and intriguing figures of Italian sixteenth century painting. The seminar will reconsider the singularity of Tintoretto's processes of creation in the light of his productive workshop organization and practice, according a special attention to the role of his son Domenico and his daughter Marietta.

#### Fall 2018: AHIS GU4531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4531	001/17546	Th 10:10am - 12:00pm 930 Schermerhorn Hall	Diane Bodart	4	10/15

#### AHIS GU4646 Foucault and the Arts. 4 points.

Michel Foucault was a great historian and critic who helped change the ways research and criticism are done today – a new 'archivist'. At the same time, he was a philosopher. His research and criticism formed part of an attempt to work out a new picture of what it is to think, and think critically, in relation to Knowledge, Power, and Processes of Subjectivization. What was this picture of thought? How did the arts, in particular the visual arts, figure in it? How might they in turn give a new image of Foucault's kind of critical thinking for us today? In this course, we explore these questions, in the company of Deleuze, Agamben, Rancière and others thinkers and in relation to questions of media, document and archive in the current 'regime of information'. The Seminar is open to students in all disciplines concerned with these issues.

#### Fall 2018: AHIS GU4646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AHIS 4646	001/93496	Th 4:10pm - 6:00pm 934 Schermerhorn Hall	John Allan Rajchman	4	14/20
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#### AHIS GU4747 Architecture and Empire in the Nineteenth Century. 4 points.

This course revisits some of the key moments in the European architecture of the nineteenth century with the goal of understanding the relationship between these developments and a global modernity shaped by old and new empires. In doing so, it assumes a particular methodological stance. Rather than attempting to be geographically comprehensive, it focusses on the interdependencies between Europe and its colonies; instead of being strictly chronological, it is arranged around a constellation of themes that are explored through a handful of projects and texts. Reading of primary texts is a crucial part of the course. Students will have the opportunity to hone their critical skills by reading, writing, and conducting research toward a final paper.

#### Fall 2018: AHIS GU4747

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4747	001/19261	Th 10:10am - 12:00pm 934 Schermerhorn Hall	Zeynep Celik	4	18/20

# 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)

## SENIOR LECTURER

Caleb Scharf

## ON LEAVE

Profs. Bryan, Kipping, Ostriker, Schiminovich, van Gorkom (*Fall 2018*)

Profs. Johnston, Putman, Ness (*Spring 2019*)

## 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  
- 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**

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 2018

**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 2018: ASTR UN1403**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/15146	M W 2:40pm - 3:55pm 602 Hamilton Hall	James Applegate	3	70/86

**Spring 2019: ASTR UN1403**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/73547	T Th 10:10am - 11:25am 517 Hamilton Hall	David Helfand	3	62/86

**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 2018: ASTR UN1404**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/27029	T Th 10:10am - 11:25am 602 Hamilton Hall	Mary Putman	3	59/75

**Spring 2019: ASTR UN1404**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/21934	T Th 8:40am - 9:55am 963 Ext Schermerhorn Hall	Lorenzo Sironi	3	35/40

**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.

**Fall 2018: ASTR UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/60045	Th 2:40pm - 3:55pm 310 Fayerweather	Joseph Patterson, David Schiminovich	3	58/90
ASTR 1610	001/60045	T 2:40pm - 3:55pm 329 Pupin Laboratories	Joseph Patterson, David Schiminovich	3	58/90

**Spring 2019: ASTR UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/11019	T Th 2:40pm - 3:55pm	Joseph Patterson	3	72/86

329 Pupin  
Laboratories**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 2018: ASTR BC1753**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/03007	T Th 2:40pm - 3:55pm 202 Altschul Hall	Noe Kains	3	69/150

**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.

**Fall 2018: ASTR UN1836**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/72957	M W 1:10pm - 2:25pm 413 Kent Hall	Marcel Agueros	3	46/60

**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 2018: ASTR UN1903**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/05225	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	11/13
ASTR 1903	002/09217	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Adam Wheeler	1	6/13
ASTR 1903	003/01577	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	11/13



**Spring 2019: ASTR UN1903**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09238	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	10/14

**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 2018: ASTR UN1904**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/08991	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	7/13

**Spring 2019: ASTR UN1904**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/06986	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	14/14
ASTR 1904	002/07691	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	8/14
ASTR 1904	003/05781	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Matthew Abruzzo	1	9/14

**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 2018: ASTR UN2001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/18153	M W 10:10am - 11:25am 304 Hamilton Hall	Frederik Paerels	3	25/30

**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 2018: ASTR UN2900**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/76433	F 10:10am - 12:00pm	Caleb Scharf	1	43/56

214 Pupin  
Laboratories

**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.

**Fall 2018: ASTR UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3101	001/19438	T Th 1:10pm - 2:25pm 1332 Pupin Laboratories	Melissa Ness	3	7/20

**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.

**Fall 2018: ASTR UN3105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3105	001/27495	T Th 2:40pm - 3:55pm 607 Hamilton Hall	Caleb Scharf	3	18/25

**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 2018: ASTR UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 3996 001/15931 Jules 1 2/10  
Halpern

### 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 2018: ASTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/15272		Frederik Paerels	3	6/10

### ASTR GU4242 Order of Magnitude Astrophysics. 3 points.

Prerequisites: one year of calculus-based general physics. No previous astronomy background required., Estimation is an essential skill for astronomy and life in general. This course will introduce to order of magnitude calculations, the practice of solving problems approximately, within a factor of 10. The course will cover examples from planets, stars, compact objects, galaxies and cosmology.

#### Fall 2018: ASTR GU4242

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4242	001/83529	T Th 2:40pm - 3:55pm 1332 Pupin Laboratories	Lorenzo Sironi	3	4/20

### 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.

#### Fall 2018: ASTR GR6003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6003	001/86646	T Th 8:40am - 9:55am 1332 Pupin Laboratories	Kathryn Johnston	3	10/15

### ASTR GR6005 PHYSICAL COSMOLOGY. 3 points.

#### Fall 2018: ASTR GR6005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6005	001/64516	M W 2:40pm - 3:55pm 1332 Pupin Laboratories	Zoltan Haiman	3	6/20

### ASTR GR9003 Graduate Research Seminar I. 3 points.

#### Fall 2018: ASTR GR9003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9003	001/27471		Jules Halpern	3	11/12

## SPRING 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 2018: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/15146	M W 2:40pm - 3:55pm 602 Hamilton Hall	James Applegate	3	70/86

#### Spring 2019: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/73547	T Th 10:10am - 11:25am 517 Hamilton Hall	David Helfand	3	62/86

### 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 2018: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/27029	T Th 10:10am - 11:25am 602 Hamilton Hall	Mary Putman	3	59/75

#### Spring 2019: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/21934	T Th 8:40am - 9:55am	Lorenzo Sironi	3	35/40

963 Ext  
Schermerhorn Hall

### 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.

#### Spring 2019: ASTR UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1453	001/29559	M W 2:40pm - 3:55pm 516 Hamilton Hall	David Kipping	3	45/50

### 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.

#### Fall 2018: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/60045	Th 2:40pm - 3:55pm 310 Fayerweather	Joseph Patterson, David Schiminovich	3	58/90
ASTR 1610	001/60045	T 2:40pm - 3:55pm 329 Pupin Laboratories	Joseph Patterson, David Schiminovich	3	58/90

#### Spring 2019: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/11019	T Th 2:40pm - 3:55pm 329 Pupin Laboratories	Joseph Patterson	3	72/86

### 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 2019: ASTR BC1754

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1754	001/05649	T Th 11:40am - 12:55pm 202 Altschul Hall	Frederik Paerels	3	94/120

### 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 2018: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/05225	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	11/13
ASTR 1903	002/09217	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Adam Wheeler	1	6/13
ASTR 1903	003/01577	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	11/13

#### Spring 2019: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09238	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	10/14

### 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 2018: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/08991	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	7/13

#### Spring 2019: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/06986	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	14/14

ASTR 1904 002/07691	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	8/14
ASTR 1904 003/05781	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Matthew Abruzzo	1	9/14

**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 2019: ASTR UN2002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2002	001/77422	M W 8:40am - 9:55am 707 Hamilton Hall	Jules Halpern	3	13/25

**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.

**Spring 2019: ASTR UN3102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3102	001/12567	T Th 1:10pm - 2:25pm 1332 Pupin Laboratories	James Applegate	3	6/20

**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

**Spring 2019: ASTR UN3103**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 3103 001/69228	T Th 10:10am - 11:25am 1332 Pupin Laboratories	Jacqueline van Gorkom	3	11/20
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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 and at Harriman Observatory. The radio-astronomy portion consists mostly of computer labs. In research projects, students also work on the analysis of data obtained at National Observatories.

**Spring 2019: ASTR UN3646**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/22651	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3	24/25

**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 2019: ASTR UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/16098		Marcel Aguiros	3	5/10

**ASTR GR6004 Stellar Structure and Evolution. 3 points.**

Topics include the physics of stellar structure, stellar atmospheres, radiation transport, nucleosynthesis, stellar evolution, star formation, pulsation, interacting binary stars, white dwarfs, and neutron stars.

**Spring 2019: ASTR GR6004**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6004	001/65387	M W 10:10am - 11:25am 1332 Pupin Laboratories	Greg Bryan	3	12/15



**ASTR GR9002 Graduate Seminar. 3 points.**

Spring 2019: ASTR GR9002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9002	001/72650	M W 1:10pm - 2:25pm 1332 Pupin Laboratories	Zoltan Haiman	3	9/25

**ASTR GR9004 Graduate Research Seminar II. 3 points.**

Spring 2019: ASTR GR9004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9004	001/76521		Jeremiah Ostriker	3	11/10

**ALL COURSES (INCLUDING THOSE NOT OFFERED IN ACADEMIC YEAR 2018-2019)****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.

Summer 2019: ASTR S1403D

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/77329	T Th 1:00pm - 4:10pm Room TBA	James Applegate	3	11/18

**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 2018: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/15146	M W 2:40pm - 3:55pm 602 Hamilton Hall	James Applegate	3	70/86

Spring 2019: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/73547	T Th 10:10am - 11:25am 517 Hamilton Hall	David Helfand	3	62/86

**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 2018: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/27029	T Th 10:10am - 11:25am 602 Hamilton Hall	Mary Putman	3	59/75

Spring 2019: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/21934	T Th 8:40am - 9:55am 963 Ext Schermerhorn Hall	Lorenzo Sironi	3	35/40

**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.

Spring 2019: ASTR UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 1453 001/29559 M W 2:40pm - David 3 45/50  
3:55pm Kipping  
516 Hamilton Hall

### **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 evolved, and what can they tell us about the formation and evolution of the Universe itself. You cannot enroll in ASTR UN1420 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

### **ASTR UN1610 Theories of the Universe: From Babylon to the Big Bang. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Milestones in the science of cosmology over the past 6000 years. Skylore and observation in ancient cultures. The twin revolutions of the Greeks: Pythagoras and Ptolemy; and Aristotle, Aquinas, and the Great Chain of Being. The "scientific revolution": the impersonal and deterministic world-order of Newton, Laplace, and Kelvin. The erosion of that world-order by mathematics and experiment in the 20th century (relativity, quantum physics, dark matter, and the expanding universe). Today's searches for a new grand order in the Universe, which can cope - or maybe not - with these blows to yesterday's comfortable wisdom.

#### **Fall 2018: ASTR UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/60045	Th 2:40pm - 3:55pm 310 Fayerweather	Joseph Patterson, David Schiminovich	3	58/90
ASTR 1610	001/60045	T 2:40pm - 3:55pm 329 Pupin Laboratories	Joseph Patterson, David Schiminovich	3	58/90

#### **Spring 2019: ASTR UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/11019	T Th 2:40pm - 3:55pm 329 Pupin Laboratories	Joseph Patterson	3	72/86

### **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 2018: ASTR BC1753**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/03007	T Th 2:40pm - 3:55pm 202 Altschul Hall	Noe Kains	3	69/150

### **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 2019: ASTR BC1754**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1754	001/05649	T Th 11:40am - 12:55pm 202 Altschul Hall	Frederik Paerels	3	94/120

### **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.

#### **Fall 2018: ASTR UN1836**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/72957	M W 1:10pm - 2:25pm 413 Kent Hall	Marcel Agueros	3	46/60

### **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 2018: ASTR UN1903**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/05225	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	11/13
ASTR 1903	002/09217	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Adam Wheeler	1	6/13

ASTR 1903	003/01577	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	11/13
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**Spring 2019: ASTR UN1903**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/09238	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	10/14

**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 2018: ASTR UN1904**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/08991	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, Aaron Tran	1	7/13

**Spring 2019: ASTR UN1904**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/06986	M 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Aliya-Nur Babul	1	14/14
ASTR 1904	002/07691	T 6:00pm - 9:00pm 1402 Pupin Laboratories	Laura Kay, Tomer Yavetz	1	8/14
ASTR 1904	003/05781	W 6:00pm - 9:00pm 1332 Pupin Laboratories	Laura Kay, Matthew Abruzzo	1	9/14

**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 2018: ASTR UN2001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/18153	M W 10:10am - 11:25am 304 Hamilton Hall	Frederik Paerels	3	25/30

**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 2019: ASTR UN2002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2002	001/77422	M W 8:40am - 9:55am 707 Hamilton Hall	Jules Halpern	3	13/25

**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 2018: ASTR UN2900**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/76433	F 10:10am - 12:00pm 214 Pupin Laboratories	Caleb Scharf	1	43/56

**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.

**Fall 2018: ASTR UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3101	001/19438	T Th 1:10pm - 2:25pm 1332 Pupin Laboratories	Melissa Ness	3	7/20

**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.

**Spring 2019: ASTR UN3102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3102	001/12567	T Th 1:10pm - 2:25pm	James Applegate	3	6/20

1332 Pupin  
Laboratories

### **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

**Spring 2019: ASTR UN3103**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3103	001/69228	T Th 10:10am - 11:25am 1332 Pupin Laboratories	Jacqueline van Gorkom	3	11/20

### **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.

**Fall 2018: ASTR UN3105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3105	001/27495	T Th 2:40pm - 3:55pm 607 Hamilton Hall	Caleb Scharf	3	18/25

### **ASTR UN3106 The Science of Space Exploration. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one semester course in introductory astronomy or astrophysics (e.g., ASTR UN1403, ASTR UN1404, ASTR UN1420, ASTR UN1836, ASTR UN2001, ASTR UN2002, ASTR BC1753, ASTR BC1754). Ability in mathematics up to and including calculus is strongly urged.

How and why do humans explore space? Why does it require such extraordinary effort? What have we found by exploring our Solar System? We investigate the physics and biological basis of space exploration, and the technologies and science issues that determine what we can accomplish. What has been accomplished in the past, what is being explored now, and what can we expect in the future? How do space scientists explore the Solar System

and answer science questions in practice? What do we know about solar systems beyond our own?

### **ASTR UN3273 High Energy Astrophysics. 3 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 UN3601 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 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.

### **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 and at Harriman Observatory. The radio-astronomy portion consists mostly of computer labs. In research projects, students also work on the analysis of data obtained at National Observatories.

**Spring 2019: ASTR UN3646**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/22651	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3	24/25

**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 UN3986 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.

**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 2018: ASTR UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/15931		Jules Halpern	1	2/10

**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 2018: ASTR UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/15272		Frederik Paerels	3	6/10

**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 2019: ASTR UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/16098		Marcel Agueros	3	5/10

**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.

**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.

**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.

**Fall 2018: ASTR GR6003**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6003	001/86646	T Th 8:40am - 9:55am 1332 Pupin Laboratories	Kathryn Johnston	3	10/15

## OF RELATED INTEREST

**Physics and Astronomy (Barnard)**

ASTR BC1753	Life in the Universe
ASTR BC1754	Stars, Galaxies, and Cosmology
<b>Physics</b>	
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>

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;

jj160@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>

*Additional course information:* <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>.

## 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. Heicklen. 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>.

A-E: Professor Carl Hart, 401D Schermerhorn Hall;  
212-854-5313; [chair@psych.columbia.edu](mailto:chair@psych.columbia.edu)

F-Q: Professor Caroline Marvin, 355B Schermerhorn Ext;  
212-854-3608; [cbm2118@columbia.edu](mailto:cbm2118@columbia.edu)

R-Z: Professor Don Hood, 415 Schermerhorn; 212-854-4587;  
[dch3@columbia.edu](mailto: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 Heicklen then matches selected students to appropriate labs. The deadline for SURF applications is at the beginning of the spring semester.

SURF students must submit a report on their work at the end of the summer session and participate in the following year's annual Undergraduate Research Symposium. Although it does not carry any academic credit, SURF can be used toward the lab requirement for majors and toward graduation with honors. For detailed information on all summer research programs and how to apply, please visit the SURF website (<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

J. Chloë Bulinski  
Harmen Bussemaker  
Martin Chalfie  
Lawrence A. Chasin  
Julio M. Fernandez  
Stuart Firestein  
Joachim Frank  
Tulle Hazelrigg  
John Hunt  
Daniel Kalderon

Darcy B. Kelley  
James L. Manley  
Ann McDermott (Chemistry)  
Robert E. Pollack  
Carol L. Prives  
Ron Prywes  
Molly Przeworski  
Michael P. Sheetz  
Brent Stockwell  
Liang Tong  
Alexander A. Tzagoloff  
Jian Yang  
Rafael Yuste

## ASSOCIATE PROFESSORS

Songtao Jia  
Ozgur Sahin  
Guy Sella

## ASSISTANT PROFESSORS

Lars Dietrich  
Raju Tomer

## LECTURERS

Claire Elise Hazen  
Alice Heicklen  
Mary Ann Price  
Lili Yamasaki

## ADJUNCT FACULTY

Ava Brent-Jamali  
Lewis Brown  
Nataliya Galifianakis  
Jay Hammel  
Danny Nam Ho  
John Loike  
Deborah B. Mowshowitz  
Solomon Mowshowitz  
Vincent R. Racaniello

## 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](mailto:mes2314@columbia.edu).

## Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on your transcript for any course – including the first – to be counted toward the major 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 EEEB 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 EEEB 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)
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CHEM UN1507	Intensive General Chemistry Laboratory
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CHEM UN2444 - CHEM UN2443	Organic Chemistry II (Lecture) and Organic Chemistry I (Lecture)
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CHEM UN2495 - CHEM UN2496	Organic Chem. Laboratory I and Organic Chem. Laboratory II
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### Option 3:

For students who qualify for first year organic chemistry

CHEM UN1507	Intensive General Chemistry Laboratory
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CHEM UN2045 - CHEM UN2046	Intensive Organic Chemistry I (Lecture) and Intensive Organic Chemistry II (Lecture)
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CHEM UN2495 - CHEM UN2496 or CHEM UN2545	Organic Chem. Laboratory I and Organic Chem. Laboratory II Intensive Organic Chemistry Laboratory
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## 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>.

## MAJOR IN BIOCHEMISTRY

The required basic courses for the biochemistry major are chemistry through organic, including laboratory, and one year each of physical chemistry, physics, calculus, biology, and biochemistry/molecular biology.

The required additional courses are three lecture courses chosen from mathematics, chemistry, and biology, and two upper-level laboratory courses.

For more details, see the *Chemistry* section in this Bulletin. For additional information visit the Department of Biological Sciences



website: <http://biology.columbia.edu/pages/biochemistry-major-requirements>.

## MAJOR IN BIOPHYSICS

The requirements for the biophysics major are as follows:

One year of introductory biology:

BIOL UN2005 - 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

One course in biochemistry or molecular biology:

BIOC UN3501	Biochemistry: Structure and Metabolism
or BIOC UN3512	Molecular Biology
or BIOC UN3300	Biochemistry

Select one of the following options:

Option 1 - Genetics:

BIOL UN3031	Genetics
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Option 2 - Neurobiology:

BIOL UN3004	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

Chemistry through organic including labs; see biology major for options

Select one additional course at the 3000- or 4000-level in either physics or biology.

For more details, see the *Physics* section in this Bulletin or visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biophysics-major-requirements>.

## MAJOR IN NEUROSCIENCE AND BEHAVIOR

In addition to one year of 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>.

### BIOLOGY COURSES

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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One year of Neurobiology

BIOL UN3004 - BIOL UN3005	Neurobiology I: Cellular and Molecular Neurobiology and Neurobiology II: Development & Systems
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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	PSYC UN2460	Drugs and Behavior
BIOL GU4300	Drugs and Disease	PSYC W2480	The Developing Brain
BIOL GU4510	Genomics of Gene Regulation	PSYC UN2620	Abnormal Behavior
BIOL GU4560	Evolution in the age of genomics	or PSYC S2620Q	Abnormal Behavior
BIOL GU4035	Seminar in Epigenetics	One advanced psychology seminar from a list approved by the Psychology Department adviser to the program	
BIOL GU4070	The Biology and Physics of Single Molecules	PSYC W3225	The Wandering Mind: Psychological Approaches to Distraction
BIOL GU4075	Biology at Physical Extremes	PSYC W3250	Seminar in Space Perception (Seminar)
BIOL GU4080	The Ancient and Modern RNA Worlds	or PSYC G4230	Sensation and Perception (Seminar)
BIOL GU4260	Proteomics Laboratory	PSYC W3255	Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)
BIOL GU4290	Biological Microscopy	or PSYC G4255	Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar)
BIOL GU4305	Seminar in Biotechnology	PSYC W3265	Auditory Perception (Seminar)
PSYCHOLOGY COURSES		PSYC UN3270	Computational Approaches to Human Vision (Seminar)
PSYC UN1001	The Science of Psychology	PSYC W3280	Seminar In Infant Development
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 S3280D	Seminar in Infant Development
or PSYC UN2450	Behavioral Neuroscience	PSYC S3285D	The Psychology of Disaster Preparedness
One lab or statistics course from the following:		PSYC UN3290	Self: A Cognitive Exploration (Seminar)
PSYC S2210Q	Cognition: Basic Processes <sup>STAT</sup> UN1001 does not count towards the Neuroscience & Behavior Major.	PSYC G4220	Cognition and Psychopathology (Seminar)
or PSYC UN1420	Experimental Psychology: Human Behavior	PSYC GU4222	The Cognitive Neuroscience of Aging (Seminar)
or PSYC UN1450	Experimental Psychology: Social Cognition and Emotion	PSYC GU4223	Memory and Executive Function Thru the Lifespan
or PSYC UN1490	Experimental Psychology: Cognition and Decision Making	PSYC GU4225	Consciousness and Attention (Seminar)
or PSYC UN1610	Introductory Statistics for Behavioral Scientists	PSYC GU4229	Attention and Perception
or PSYC UN1660	Advanced Statistical Inference	PSYC G4230	Sensation and Perception (Seminar)
or STAT UN1101	Introduction to Statistics	PSYC GU4232	Production and Perception of Language
or STAT UN1201	Calculus-Based Introduction to Statistics	PSYC GU4235	Special Topics in Vision (Seminar)
One additional 2000 or 3000 level psychology course from a list approved by the Psychology Departmental adviser to the program.		PSYC GU4239	Cognitive neuroscience of narrative and film
PSYC S2215D	Cognition and the Brain	PSYC GU4250	Evolution of Intelligence, Cognition, and Language (Seminar)
or PSYC S2215D	Cognition and the Brain	PSYC GU4270	Cognitive Processes (Seminar)
PSYC UN2220	Cognition: Memory and Stress	PSYC G4272	Advanced Seminar in Language Development
PSYC W2225	Attention and Perception	PSYC G4275	Contemporary Topics in Language and Communication (Seminar)
PSYC W2230	Perception and Sensory Processes	PSYC GU4280	Core Knowledge (Seminar)
PSYC UN2235	Thinking and Decision Making	PSYC G4285	Multidisciplinary Approaches to Human Decision Making (Seminar)
or PSYC S2235Q	Thinking and Decision Making	PSYC GU4287	Decision Architecture
PSYC UN2250	Evolution of Cognition	PSYC S3410Q	Seminar in Emotion
PSYC UN2280	Introduction to Developmental Psychology	PSYC S3425D	Animals in Our Own Backyard: The Science of Observing Behavior
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 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 EEBB UN2001	Environmental Biology I: Elements to Organisms
BIOL UN2006	Introductory Biology II: Cell Biology, Development & Physiology
Select at least one of the following core courses:	
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

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>.

## 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 2018

BIOL UN1908	First-Year Seminar in Modern Biology
BIOL UN2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
BIOL UN2401	Contemporary Biology I: Biochemistry, Genetics & Molecular Biology
BIOL UN2501	Contemporary Biology Laboratory
BIOL UN3004	Neurobiology I: Cellular and Molecular Neurobiology
BIOL UN3006	Physiology
BIOL UN3022	Developmental Biology
BIOL UN3034	Biotechnology
BIOL UN3073	Cellular and Molecular Immunology
BIOC UN3300	Biochemistry
BIOL UN3404	Seminar on the Global Threat of Antimicrobial Resistance
BIOL UN3500	Independent Biological Research
BIOC UN3501	Biochemistry: Structure and Metabolism
BIOL UN3700	Independent Clinical Research
BIOL GU4001	Advanced Genetic Analysis
BIOL GU4034	Biotechnology
BIOT GU4160	Biotechnology Law
BIOT GU4180	Entrepreneurship in Biotechnology
BIOT GU4200	Biopharmaceutical Development & Regulation
BIOL GU4260	Proteomics Laboratory
BIOL GU4300	Drugs and Disease
BIOC GU4323	Biophysical Chemistry I

## SPRING 2019

BIOL UN1130	Genes and Development
BIOL UN2006	Introductory Biology II: Cell Biology, Development & Physiology
BIOL UN2402	Contemporary Biology II: Cell Biology, Development & Physiology
BIOL UN2501	Contemporary Biology Laboratory
BIOL UN3005	Neurobiology II: Development & Systems
BIOL UN3025	Neurogenetics
BIOL UN3031	Genetics
BIOL UN3040	Lab in Molecular Biology
BIOL UN3058	Project Laboratory in Microbiology
BIOL UN3193	Stem Cell Biology and Applications
BIOC UN3300	Biochemistry
BIOL UN3310	Virology
BIOL UN3500	Independent Biological Research
BIOC UN3512	Molecular Biology

BIOL UN3700	Independent Clinical Research
BIOL UN3995	Topics in Biology
BIOL GU4028	Computer models in Biology
BIOL GU4031	Genetics
BIOL GU4080	The Ancient and Modern RNA Worlds
BIOT GU4161	Ethics in Biopharmaceutical Patent and Regulatory Law
BIOT GU4201	Seminar in Biotechnology Development and Regulation
BIOL GU4290	Biological Microscopy
BIOL GU4305	Seminar in Biotechnology
BIOC GU4324	Biophysical Chemistry II
BIOL GU4570	(Readings in Human Genetics)

## 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 2019: BIOC UN3300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/61285	T 7:10pm - 9:30pm 310 Fayerweather	Danny Ho	3	45/60

### **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>

#### **Spring 2019: BIOC UN3512**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3512	001/14095	M W 2:40pm - 3:55pm 329 Pupin Laboratories	James Manley, Songtao Jia	3	32/80

### **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 2019: BIOC GU4512**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4512	001/65609	M W 2:40pm - 3:55pm 329 Pupin Laboratories	James Manley, Songtao Jia	3	1/20

**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 2019: BIOL UN1130**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1130	001/19286	T Th 2:40pm - 3:55pm 602 Northwest Corner	Tulle Hazelrigg	3	22/25

**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>

**Fall 2018: BIOL UN1908**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1908	001/60899	W 2:40pm - 3:40pm 601 Fairchild Life Sciences Bldg	Alice Heicklen	1	37/60

**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>. 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 2018: BIOL UN2005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2005	001/12581	T Th 10:10am - 11:25am 417 International Affairs Bldg	Lawrence Chasin, Deborah Mowshowitz, Marko Jovanovic	4	183/400
BIOL 2005	002/28143	T Th 4:10pm - 5:25pm 301 Pupin Laboratories	Lawrence Chasin, Deborah Mowshowitz, Marko Jovanovic	4	84/200

**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.

#### Spring 2019: BIOL UN2006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2006	001/23386	T Th 10:10am - 11:25am 417 International Affairs Bldg	Deborah Mowshowitz, Mary Ann Price	4	166/398
BIOL 2006	002/25325	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Deborah Mowshowitz, Mary Ann Price	4	63/398

#### 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 2019: BIOL UN2016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2016	001/10632	M 6:10pm - 8:00pm 224 Pupin Laboratories	Deborah Mowshowitz, Mary Ann Price	0	23/24
BIOL 2016	002/13903	M 6:10pm - 8:00pm 325 Pupin Laboratories	Deborah Mowshowitz, Mary Ann Price	0	16/24
BIOL 2016	003/60596	T 12:10pm - 2:00pm 318 Hamilton Hall	Deborah Mowshowitz, Mary Ann Price	0	24/24
BIOL 2016	004/76412	T 12:10pm - 2:00pm 337 Seeley W. Mudd Building	Deborah Mowshowitz, Mary Ann Price	0	16/24
BIOL 2016	005/26559	T 6:10pm - 8:00pm 302 Hamilton Hall	Deborah Mowshowitz, Mary Ann Price	0	20/24
BIOL 2016	006/11298	W 12:10pm - 2:00pm 707 Hamilton Hall	Deborah Mowshowitz, Mary Ann Price	0	23/24
BIOL 2016	007/75929	W 12:10pm - 2:00pm 224 Pupin Laboratories	Deborah Mowshowitz, Mary Ann Price	0	19/24
BIOL 2016	008/20827	W 2:10pm - 4:00pm 558 Ext Schermerhorn Hall	Deborah Mowshowitz,	0	25/24

			Mary Ann Price		
BIOL 2016	009/21050	W 4:10pm - 6:00pm 511 Hamilton Hall	Deborah Mowshowitz, Mary Ann Price	0	24/24
BIOL 2016	010/23733	W 4:10pm - 6:00pm 501b International Affairs Bldg	Deborah Mowshowitz, Mary Ann Price	0	8/24
BIOL 2016	011/10318	W 8:10pm - 10:00pm 103 Knox Hall	Deborah Mowshowitz, Mary Ann Price	0	12/24
BIOL 2016	012/22550	Th 12:10pm - 2:00pm 1102 International Affairs Bldg	Deborah Mowshowitz, Mary Ann Price	0	17/24

#### 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>. 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 2018: BIOL UN2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2401	001/12967	T Th 4:10pm - 5:25pm 301 Pupin Laboratories	Lawrence Chasin, Deborah Mowshowitz, Marko Jovanovic	3	97/220

#### 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 2019: BIOL UN2402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2402	001/23747	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Deborah Mowshowitz, Mary Ann Price	3	93/339

#### 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 2018: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/75105	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	26/28
BIOL 2501	002/67326	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	11/28
BIOL 2501	003/12368	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	23/28
BIOL 2501	004/64704	Th 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	27/28
BIOL 2501	005/16908	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	22/28
BIOL 2501	006/65556	W 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	25/28

#### Spring 2019: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/19487	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	16/28
BIOL 2501	002/21474	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	28/28
BIOL 2501	003/28819	W 1:10pm - 5:00pm	Claire Hazen	3	16/28

		922 Schermerhorn Hall			
BIOL 2501	004/61142	Th 6:40pm - 10:30pm 922 Schermerhorn Hall	Claire Hazen	3	21/28
BIOL 2501	005/68187	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	23/28

#### 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 2018: BIOL UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3004	001/25144	T Th 4:10pm - 5:25pm 207 Mathematics Building	Stuart Firestein	4	88/125

**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 2019: BIOL UN3005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3005	001/67599	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Rafael Yuste	4	76/86

**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 2018: BIOL UN3006**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3006	001/24747	T Th 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Mary Ann Price	3	50/72

**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 2018: BIOL UN3022**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3022	001/23048	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	3	53/60

**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 2019: BIOL UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3025	001/16090	T Th 8:40am - 9:55am 303 Hamilton Hall	Oliver Hobert	3	24/40

#### 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 2019: BIOL UN3031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3031	001/70776	T Th 10:10am - 11:25am 602 Hamilton Hall	Iva Greenwald, Michelle Attner	3	57/75

#### 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>

#### Fall 2018: BIOL UN3034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3034	001/25946	M W 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Lawrence Chasin, Daniel Kalderon	3	3/20

#### 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 2019: BIOL UN3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3040	001/65260	W 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Alice Hecklen	3	9/12
BIOL 3040	001/65260	M 2:40pm - 3:55pm 1000 Fairchild Life Sciences Bldg	Alice Hecklen	3	9/12

#### 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>

**BIOL UN3050 Project Laboratory In Protein Biochemistry. 5 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: one year of biology (UN2005- UN2006) plus one upper-level course recommended. Enrollment is not restricted as long as total is no more than 14. Seniors will be given preference in the unlikely event that restriction is necessary. Students with specific questions should e-mail the instructor (jfh21@columbia.edu).

This course provides an intensive introduction to professional biomedical laboratory research. Students conduct a portion of an ongoing biochemical research project and write-up their results in a format suitable for publication in a peer-reviewed scientific research journal. Techniques in molecular biology and protein biochemistry are used to address a problem in mechanistic biochemistry or molecular pharmacology. Students are exposed to the full spectrum of techniques used in contemporary protein biochemistry, including molecular sequence analysis of genomic databases, molecular cloning and manipulation of recombinant DNA, protein expression in *E. coli*, protein purification, and biophysical characterization (typically including crystallization for x-ray structure determination). The course emphasizes the use of critical thinking skills in scientific research while giving students the opportunity to apply the basic knowledge learned in a wide variety of biology and chemistry lecture courses to a real research project. Examples of past projects can be found on the course website: <https://www1.columbia.edu/sec/cu/biology/courses/w3050/class/index.html> (cunix account required to login).

**BIOL UN3052 Project 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.

**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>

**Spring 2019: BIOL UN3058**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3058	001/71977	T Th 1:10pm - 5:00pm 601c Fairchild Life Sciences Bldg	Lars Dietrich	5	16/14

**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 2018: BIOL UN3073**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3073	001/68579	M W 11:40am - 12:55pm 702 Hamilton Hall	Solomon Mowshowitz	3	42/80

**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>

#### Spring 2019: BIOL UN3193

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3193	001/10231	T Th 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Daniel Kalderon	3	5/25

#### BIOL UN3208 Introduction to Evolutionary Biology. 3 points.

Prerequisites: recommended preparation: an introductory course in college biology.

Introduction to principles of general evolutionary theory, both nomological and historical; causes and processes of evolution; phylogenetic evolution; species concept and speciation; adaptation and macroevolution; concepts of phylogeny and classification.

#### BIOL 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.

#### Spring 2019: BIOL UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3310	001/65088	M W 4:10pm - 5:25pm 301 Pupin Laboratories	Vincent Racaniello	3	91/100

#### 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 2018: BIOL UN3404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOL 3404	001/12897	M 12:10pm - 2:00pm 607 Hamilton Hall	Franklin Lowy	3	18/20
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#### 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>. 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 2018: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/24975		Ron Prywes	2	57/100

#### Spring 2019: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/16684		Ron Prywes	2	57/100

#### 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.

#### Fall 2018: BIOL UN3700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOL 3700 001/23040

Deborah 2-4 3/100  
Mowshowitz,  
Ellie  
Siddens**Spring 2019: BIOL UN3700**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3700	001/28782			2-4	4

**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>

**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 2019: BIOL UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	001/16777	T 1:10pm - 2:25pm 516 Hamilton Hall	John Loike	1	49/54

**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 2018: BIOL GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4001	001/14149	M 1:10pm - 4:00pm 1000 Fairchild Life Sciences Bldg	Martin Chalfie	3	23/30

#### 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 2018: BIOL GU4004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4004	001/29950	T Th 4:10pm - 5:25pm 207 Mathematics Building	Stuart Firestein	4	17/20

#### 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 2018: BIOL GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4022	001/13830	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Heicklen	3	3/10

#### BIOL GU4028 Computer models in Biology. 0 points.

Prerequisites: Calculus, Cell Biology (or a strong intro class), PChem desirable but not required, or the instructor's permission. Some computer programming desirable, but is neither required nor essential.

This course is intended to introduce students in the biological and physical sciences to techniques in computer programming and the modeling of biological systems. We will meet for 3 hours once a week. The first hour and a half of each class will be devoted to discussing the fundamentals of a biological system of interest. In the second half of the class, we will introduce a modeling approach to the problem, and divide into groups to begin writing a computer program to analyze the biological system discussed in the first half of the lecture. The first part of the course (weeks 1-6) will cover the basics of programming in Igor (Wavemetrics). We will then move on to basic statistical methods in Igor, including curve fitting and bootstrapping. Students will be asked to complete programming homework assignments designed to develop their skills early on. The second part of the course (weeks 6-12) will present the class with problems in the scientific literature and the algorithms used to solve them. Examples of problems that we will discuss in class include solving the equations for the action potential, modeling diffusion and chemical reactions. This course will be of interest to advanced undergraduates that aim to pursue careers in medicine and basic science research. This course will also be of interest to graduate students desiring an introduction to computer programming and modeling in biological research.

#### Spring 2019: BIOL GU4028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4028	001/13737	W 4:10pm - 6:00pm 809 Northwest Corner	Julio Fernandez	0	10/15

#### 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>

#### Spring 2019: BIOL GU4031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4031	001/70871	T Th 10:10am - 11:25am 602 Hamilton Hall	Iva Greenwald, Michelle Attner	3	3/15

#### 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 2018: BIOL GU4034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4034	001/68530	M W 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Lawrence Chasin, Daniel Kalderon	3	36/65

#### 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 GU4065 Molecular Biology of Disease. 3 points.

Enrollment limited to 30. **Not offered during 2018-19 academic year.**

Prerequisites: open to advanced undergraduates with the instructor's permission. Completion of a 3000-level course in at least one of the following, with completion of two or more preferred: genetics, biochemistry, cell biology. Molecular and cellular basis of infectious diseases and inherited propensities. Mechanisms of disease examined in discussions based on current research papers. Lectures, discussions, and student presentations. Essay required in lieu of final examination.

#### BIOL GU4070 The Biology and Physics of Single Molecules. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

**Not offered during 2018-19 academic year.**

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 GU4073 Cellular and Molecular Immunology. 3 points.

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as C2005 and C2006), or the instructor's permission.

This course will cover the basic concepts underlying the mechanisms of innate and adaptive immunity, as well as key experimental methods currently used in the field. To keep it real, the course will include clinical correlates in such areas as infectious diseases, autoimmune diseases, cancer, and transplantation. Taking this course won't turn you into an immunologist, but it may make you want to become one, as was the case for several students last year. After taking the course, you should be able to read the literature intelligently in this rapidly advancing field.

#### Fall 2018: BIOL GU4073

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4073	001/60275	M W 11:40am - 12:55pm 702 Hamilton Hall	Solomon Mowshowitz	3	8/10



**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.

**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.

**Spring 2019: BIOL GU4080**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4080	001/75427	W 6:10pm - 8:00pm 800 Fairchild Life Sciences Bldg	Laura Landweber	3	11/18

**BIOL GU4082 Theoretical Foundations and Applications of Biophysical Methods. 4 points.**

Prerequisites: at least one year of coursework in single-variable calculus and not being freaked-out by multivariable calculus. Physics coursework through a calculus-based treatment of classical mechanics and electromagnetism. One year of general chemistry (either AP Chemistry or a college course). One year of college coursework in molecular/cellular biology and biochemistry equivalent to Biology C2005-2006 at Columbia. Rigorous introduction to the theory underlying biophysical methods, which are illustrated by practical applications to biomedical research. Emphasizes the approach used by physical chemists to understand and analyze the behavior of molecules, while also preparing students to apply these methods in their own research. Course modules cover: (i) statistical analysis of data; (ii) solution thermodynamics; (iii) hydrodynamic methods; (iv) light-scattering methods; and (v) spectroscopic methods,

especially fluorescence. Recitations focus on curve-fitting analyses of experimental data.

**BIOL 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, and Matrix-Assisted Laser Desorption and Ionization (MALDI-TOF) mass spectrometry. Database searching and interpretation for identification of proteins will be intensively studied, and practiced supported by background tutorials and exercises covering other techniques used in proteomics. Open to students in M.A. in Biotechnology Program (points can be counted against laboratory requirement for that program), Ph.D. and advanced undergraduate students with background in genetics or molecular biology. Students should be comfortable with basic biotechnology laboratory techniques as well as being interested in doing computational work in a Windows environment.

**Fall 2018: BIOL GU4260**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4260	001/66113	F 12:30pm - 3:30pm 900 Fairchild Life Sciences Bldg	Lewis Brown	3	8/9

**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 2019: BIOL GU4290**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4290	001/76526	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Raju Tomer	3	19/35

**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 2018: BIOL GU4300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4300	001/77388	M W 2:40pm - 3:55pm 633 Seeley W. Mudd Building	Lili Yamasaki	3	55/70

**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 2019: BIOL GU4305**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4305	001/60319	W 2:10pm - 4:00pm 601 Fairchild Life Sciences Bldg	Lili Yamasaki	3	34/40

**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 2019: BIOL GU4310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4310	001/73905	M W 4:10pm - 5:25pm 301 Pupin Laboratories	Vincent Racaniello	3	19/20

**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>

**Spring 2019: BIOL GU4500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4500	001/70113		Lili Yamasaki	2-6	1/30

**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>

**Spring 2019: BIOL GU4501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4501	001/76604		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 2018: BIOL GU4600**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4600	001/80941	T 4:10pm - 6:00pm 700 Fairchild Life Sciences Bldg	Ron Prywes	3	20/40

**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>

**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 2018: BIOT GU4160**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4160	001/75519	W 6:10pm - 8:00pm 304 Hamilton Hall	Alan Morrison	3	28/40

**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.

**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/>

**Fall 2018: BIOT GU4180**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4180	001/21641	F 9:00am - 11:00am 702 Hamilton Hall	David Sable	3	38/60

**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 2018: BIOT GU4200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4200	001/66757	Th 4:10pm - 6:00pm 517 Hamilton Hall	Ron Guido	3	80/80

**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 2019: BIOT GU4201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4201	001/63361	Th 4:10pm - 6:00pm 702 Hamilton Hall	Ron Guido	3	99/90

**OF RELATED INTEREST****Biomedical Engineering**

BMEN E4150	The cell as a machine
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**Chemistry**

BIOC UN3501	Biochemistry: Structure and Metabolism
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BIOC UN3512	Molecular Biology
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**Ecology, Evolution, and Environmental Biology**

EEEB UN2001	Environmental Biology I: Elements to Organisms
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EEEB GU4321	Human Nature: DNA, Race & Identity
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**History and Philosophy of Science**

HPSC W3201	Philosophy and History of Evolutionary Biology
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**Physics**

PHYS W4075	Biology at Physical Extremes
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**Psychology**

PSYC UN1010	Mind, Brain and Behavior
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## BUSINESS

**Program Manager:** Cara Mandarino, 104 Uris; 212-854-0140; MendelsonCenter@gsb.columbia.edu

<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
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### Psychology/Sociology Prerequisite

Select one of the following:

PSYC UN1001	The Science of Psychology
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	The Social World

## Application Components

- Application form
- Current class schedule, including a brief description of how all concentration requirements will be completed
- Official transcript
- 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:

- Guaranteed enrollment in popular undergraduate business courses (must reserve in advance through program manager);
- 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

Tomomichi Amano (<https://www8.gsb.columbia.edu/cbs-directory/detail/ta2508>)

Ming Deng (<https://www8.gsb.columbia.edu/cbs-directory/detail/md2012>)

Bennett Chiles (<https://www8.gsb.columbia.edu/cbs-directory/detail/md2012>)

Amol Sarva (<https://www8.gsb.columbia.edu/cbs-directory/detail/as311>)

Kairong Xiao (<https://www8.gsb.columbia.edu/cbs-directory/detail/kx2139>)

## AFFILIATED FACULTY

Andrew Hertzberg (<http://www0.gsb.columbia.edu/faculty/ahertzberg>)

Roger Mesznik

Ernesto Reuben (<http://www8.gsb.columbia.edu/cbs-directory/detail/er2520>)

Aaron Wallen (<http://www4.gsb.columbia.edu/cbs-directory/detail/5845593/Aaron+Wallen>)

Keith Wilcox (<http://www4.gsb.columbia.edu/cbs-directory/detail/7520565/Keith%20Wilcox>)

Emily Breza (<http://www0.gsb.columbia.edu/faculty/ebreza>)

Stephan Meier (<http://www8.gsb.columbia.edu/cbs-directory/detail/sm3087>)

Ran Kivetz (<http://www4.gsb.columbia.edu/cbs-directory/detail/494949/Kivetz>)

Bruce Kogut (<http://www8.gsb.columbia.edu/cbs-directory/detail/bk2263>)

## GUIDELINES FOR ALL BUSINESS MANAGEMENT SPECIAL CONCENTRATORS

The business management special concentration is not a stand-alone concentration: it is intended to complement the disciplinary specialization and methodological training inherent in a major. In addition to the special concentration requirements, students must complete a major or a full concentration.

Students who matriculated at Columbia in Fall 2012 and beyond must earn a minimum GPA of 3.0 in prerequisite, core, and elective courses. Students who matriculated before Fall 2012 must either adhere to the above requirement or previous requirement

of B+ or better in at least two of the prerequisites and a minimum GPA of 3.0 in core and elective classes.

Students who do not meet course prerequisites or who do not receive a passing grade do not receive credit for that course towards the special concentration. All courses must be taken for a letter grade. Only prerequisites may be double counted for other majors or concentrations. The core classes **cannot** be double counted. Electives may be double counted if a student's major allows double counting.

For information about this special concentration, including the application process, visit <http://www8.gsb.columbia.edu/mendelson>.

## SPECIAL CONCENTRATION IN BUSINESS MANAGEMENT

Please read *Guidelines for all Business Management Special Concentrators* above.

The requirements for the special concentration in business management are as follows:

### Prerequisites

Select one of the following Statistics courses:

STAT UN1001	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 2018: BUSI UN3013**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/68443	T Th 4:10pm - 5:25pm 303 Uris Hall	Mingcherng Deng	3	64/65

#### **Spring 2019: BUSI UN3013**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/28248	M W 4:10pm - 5:25pm 301 Uris Hall	Terrance Gabriel, Urooj Khan	3	71/66

### **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 2018: BUSI UN3021**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/16697	T 10:45am - 1:45pm 301 Uris Hall	Ran Kivetz, Ruoqu Meng, Chung Hang Ho	3	61/72

#### **Spring 2019: BUSI UN3021**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/19264	Th 2:40pm - 5:30pm Room TBA	Ran Kivetz, Ruoqu Meng, Chung Hang Ho	3	54/60

### **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 2019: BUSI UN3701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3701	001/82029	M W 11:40am - 12:55pm 301 Uris Hall	Bradford Cowgill	3	71/75

### **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 2018: BUSI UN3702**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3702	001/67796	F 9:00am - 12:00pm Room TBA	Damon Phillips, Cara Mandarino, Fabrizio Dell'Acqua, Natalia Dorogi, Betsy Morgan	3	60/60

**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 2018: BUSI UN3703**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3703	001/28346	W 9:00am - 12:00pm 229 Thompson Hall (Tc)	Rachel McDonald	3	65/64

**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.

**Spring 2019: BUSI UN3704**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3704	001/99782	F 9:00am - 12:00pm 516 Hamilton Hall	Amol Sarva, Hari Patel, Jake Sindelar	3	40/50

**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>.

**Fall 2018: ECON GU4280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/16490	M W 4:10pm - 5:25pm 702 Hamilton Hall	Ethan Namvar	3	61/80
ECON 4280	002/74740	T Th 4:10pm - 5:25pm 313 Fayerweather	Tri Vi Dang	3	80/78

**Spring 2019: ECON GU4280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/63915	T Th 1:10pm - 2:25pm 702 Hamilton Hall	Yiming Ma	3	73/80
ECON 4280	002/68408	T Th 4:10pm - 5:25pm 633 Seeley W. Mudd Building	Tri Vi Dang	3	70/70

# 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](mailto:kep12@columbia.edu)  
 ([kep12@chem.columbia.edu](mailto:kep12@chem.columbia.edu))

**Program Manager for Undergraduate Studies:** Dr.  
 Vesna Gasperov, 211A Havemeyer; 212-854-2017;  
[vg2231@columbia.edu](mailto:vg2231@columbia.edu)

## Biochemistry Advisers:

*Biology:* Prof. Brent Stockwell, 1208 Northwest Corner Building;  
 212-854-2919; [stockwell@biology.columbia.edu](mailto: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
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Advanced courses (4000-level or higher)

**PROFESSORS**

Bruce J. Berne  
 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**

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)

**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 - PHYS UN2802	Accelerated Physics I and Accelerated Physics II
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For chemistry majors, the following laboratory courses are recommended NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS 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

## 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 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
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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:**

EAAE E4001	Industrial ecology of earth resources
EAAE E4003	Introduction to 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 2018

### 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 2018: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/73664	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	4	255/246
CHEM 1403	002/22718	T Th 10:10am - 11:25am 309 Havemeyer Hall	Xavier Roy	4	175/190
CHEM 1403	003/11831	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	115/190
CHEM 1403	004/66510	M W 6:10pm - 7:25pm 833 Seeley W. Mudd Building	Robert Beer	4	114/132

#### Spring 2019: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/17727	M W 6:10pm - 7:25pm 501 Northwest Corner	Ruben Savizky	4	85/132

### 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 2018: CHEM UN1500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11665	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	12/46
CHEM 1500	002/64344	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46
CHEM 1500	003/72054	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	32/46
CHEM 1500	004/29053	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	13/46

**Spring 2019: CHEM UN1500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/10089	M 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	23/24
CHEM 1500	002/14452	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	48/46
CHEM 1500	003/12270	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	40/46
CHEM 1500	004/14723	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	50/46
CHEM 1500	005/66711	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	006/63849	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	45/46
CHEM 1500	007/70519	F 8:40am - 12:25pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	37/46
CHEM 1500	008/62112	F 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24

**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 2018: CHEM UN1507**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/63706	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	9/18
CHEM 1507	002/29478	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	8/18

**Spring 2019: CHEM UN1507**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/23170	M 1:00pm - 6:00pm 302a Havemeyer Hall	Luis Avila	3	19/18
CHEM 1507	002/18262	F 1:00pm - 6:00pm 302a Havemeyer Hall	Luis Avila	3	17/18

**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 2018: CHEM UN1604**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1604	001/70614	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Ann McDermott, Ruben Gonzalez	4	79/120

**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 2018: CHEM UN2045**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2045	001/62661	T Th 11:40am - 12:55pm 320 Havemeyer Hall	James Leighton	4	24/60

**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 2018: CHEM UN2443**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2443	001/21402	T Th 2:40pm - 3:55pm 309 Havemeyer Hall	Luis Campos	4	157/190
CHEM 2443	002/11678	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Karen Phillips	4	60/190
CHEM 2443	003/19730	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	4	134/132

**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 2018: CHEM UN2493**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2493	001/69344	M 1:10pm - 5:00pm 202 Havemeyer Hall	Talha Siddiqui	0	22/24
CHEM 2493	002/24603	T 1:10pm - 5:00pm 202 Havemeyer Hall	Talha Siddiqui	0	20/24
CHEM 2493	003/14776	T 6:10pm - 10:00pm 202 Havemeyer Hall	Talha Siddiqui	0	33/34
CHEM 2493	004/67717	W 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	29/34
CHEM 2493	005/67565	Th 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	17/34
CHEM 2493	006/19916	F 1:10pm - 5:00pm 202 Havemeyer Hall	Anna Ghurbanyan	0	31/34
CHEM 2493	007/77224	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0	22/24
CHEM 2493	008/15164	T 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0	22/24
CHEM 2493	009/25488	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	0	33/34
CHEM 2493	010/24501	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	32/34
CHEM 2493	011/21370	Th 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	21/34
CHEM 2493	012/18206	F 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0	31/34

**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 2018: CHEM UN2545**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2545	001/70208	M 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	8/10



CHEM 002/18420 T 1:00pm - 6:00pm Fay Ng 3 6/10  
2545 202b Havemeyer Hall

### 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 2018: CHEM UN3079

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3079	001/12810	M W 11:40am - 12:55pm 603 Schermerhorn Hall	Laura Kaufman	4	21/60

### 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 2018: CHEM UN3085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3085	001/28434	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 2018: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/28682		Vesna Gasperov	4	5/25

#### Spring 2019: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/20843		Vesna Gasperov	4	7/25
CHEM 3098	002/89888		Vesna Gasperov	4	1

### 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 2019: BIOC UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/61285	T 7:10pm - 9:30pm 310 Fayerweather	Danny Ho	3	45/60

### 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 2018: CHEM UN3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3920	001/11588	F 2:10pm - 4:00pm 711 Havemeyer Hall	Karen Phillips	2	8/40

**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 2018: CHEM GU4071**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4071	001/12999	M W 8:40am - 9:55am 320 Havemeyer Hall	Jack Norton	4.5	10/42

**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 2018: CHEM GU4147**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4147	001/13761	T Th 10:10am - 11:25am 320 Havemeyer Hall	Tomislav Rovis	4.5	12/42

**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).

**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 or approximation, angular Momentum and electronic spin, and an introduction to atomic and molecular structure.

**Fall 2018: CHEM GU4221**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4221	001/71301	M W 11:40am - 12:55pm 320 Havemeyer Hall	Richard Friesner	4.5	5/42

**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 2018: CHEM GU4230**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4230	001/20542	M W 1:10pm - 2:25pm 320 Havemeyer Hall	Bruce Berne, Angelo Cacciuto	4.5	12/42

**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.

**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 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 2018: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/73664	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	4	255/246
CHEM 1403	002/22718	T Th 10:10am - 11:25am 309 Havemeyer Hall	Xavier Roy	4	175/190
CHEM 1403	003/11831	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	4	115/190
CHEM 1403	004/66510	M W 6:10pm - 7:25pm 833 Seeley W. Mudd Building	Robert Beer	4	114/132

#### Spring 2019: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/17727	M W 6:10pm - 7:25pm 501 Northwest Corner	Ruben Savizky	4	85/132

### 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 2019: CHEM UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1404	001/27301	M W 8:40am - 9:55am 309 Havemeyer Hall	Angelo Cacciuto	4	118/190
CHEM 1404	002/18381	T Th 11:40am - 12:55pm 309 Havemeyer Hall	Wei Min	4	100/190
CHEM 1404	003/71090	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Robert Beer	4	149/160

### 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 2018: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11665	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	12/46
CHEM 1500	002/64344	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46
CHEM 1500	003/72054	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny,	3	32/46

CHEM 1500	004/29053	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen Joseph Ulichny, Sarah Hansen	3	13/46
<b>Spring 2019: CHEM UN1500</b>					
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
CHEM 1500	001/10089	M 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	23/24
CHEM 1500	002/14452	T 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	48/46
CHEM 1500	003/12270	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	40/46
CHEM 1500	004/14723	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	50/46
CHEM 1500	005/66711	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	29/46
CHEM 1500	006/63849	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	45/46
CHEM 1500	007/70519	F 8:40am - 12:25pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	37/46
CHEM 1500	008/62112	F 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24

### **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 2018: CHEM UN1507**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/63706	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	9/18
CHEM 1507	002/29478	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	8/18

### **Spring 2019: CHEM UN1507**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/23170	M 1:00pm - 6:00pm 302a Havemeyer Hall	Luis Avila	3	19/18
CHEM 1507	002/18262	F 1:00pm - 6:00pm 302a Havemeyer Hall	Luis Avila	3	17/18

### **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 2019: CHEM UN2046**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2046	001/68225	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Colin Nuckolls	4	21/60

### **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 2019: CHEM UN2408**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2408	001/74644	F 12:00pm - 12:50pm 209 Havemeyer Hall	Vesna Gasperov	1	24/80

### **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 2019: CHEM UN2444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2444	001/70517	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Karen Phillips	4	108/180
CHEM 2444	002/11664	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	4	208/198

#### 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.

#### 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 2019: CHEM UN3080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3080	001/69683	M W 11:40am - 12:55pm 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 2019: CHEM UN3086

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3086	001/72232	T 12:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4	10/15

#### 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 2018: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/28682		Vesna Gasperov	4	5/25

#### Spring 2019: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/20843		Vesna Gasperov	4	7/25
CHEM 3098	002/89888		Vesna Gasperov	4	1

#### 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>

#### Spring 2019: BIOC UN3512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3512	001/14095	M W 2:40pm - 3:55pm 329 Pupin Laboratories	James Manley, Songtao Jia	3	32/80

#### 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 2019: CHEM UN3546

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3546	001/74557	M 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	5/10
CHEM 3546	002/62165	T 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3	5/10

#### 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 2019: CHEM GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4145	001/12831	F 11:00am - 11:50am 320 Havemeyer Hall	John Decatur	1	7/42

#### 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.

## COURSES OFFERED IN ALTERNATE YEARS

*Please contact the Undergraduate Program Manager, Vesna Gasperov (vg2231@columbia.edu), for further information.*

#### 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.

#### 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 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 GR6111 Applications of NMR Spectroscopy to Inorganic Chemistry. 2.5 points.**

The use of multinuclear NMR spectroscopy in the determination of the structures of inorganic molecules and the use of dynamic NMR spectroscopy (variable temperature NMR and magnetization transfer techniques) to provide information concerned with reaction mechanisms.

**CHEM 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.

**Spring 2019: CHEM GR6168**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 6168	001/19053	T Th 11:40am - 12:55pm 320 Havemeyer Hall	Luis Campos	2.5	8/42

**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 GR8104 Structure Determination in Inorganic Chemistry. 2.5 points.**

**Not offered during 2018-19 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 GR8106 Kinetics. 2.5 points.**

**Not offered during 2018-19 academic year.**

Kinetics and mechanisms of inorganic reactions.

**Spring 2019: CHEM GR8106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 8106	001/63490	M W 10:10am - 11:25am Room TBA	Jack Norton	2.5	6/42

**CHEM GR8111 Applications of NMR Spectroscopy to Inorganic Chemistry. 2.5 points.**

The use of multinuclear NMR spectroscopy in the determination of the structures of inorganic molecules and the use of dynamic NMR spectroscopy (variable temperature NMR and magnetization transfer techniques) to provide information concerned with reaction mechanisms.

**CHEM GR8120 Polymers in Nanotechnology. 2.5 points.**

Polymeric materials have long been ubiquitous items and played important roles in revolutionizing the way we live. Due to the advent of modern polymerization fabrication strategies, polymers are rapidly gaining interest for the development of next generation devices and medical treatment. This course will focus on the chemistry polymers and their use as nanostructured materials created by self-assembly and top-down fabrication techniques. Specifically, the class will be divided into two sections describing the uses of organic nanostructures on a) surfaces and b) as particles. Patterned surfaces will be described in terms of photo-, imprint-, and block copolymer lithography. The preparation of nanoparticles through polymer synthesis, dendrimers, and mechanical manipulation will be the second part.

**CHEM GR8223 Quantum Chemistry, III. 2.5 points.**  
**Not offered during 2018-19 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.

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# CLASSICS

**Departmental Office:** 617 Hamilton; 212-854-3902;  
classics@columbia.edu  
<http://www.columbia.edu/cu/classics/>

**Director of Undergraduate Studies (Classics):** Prof. Katharina Volk; 212-854-5683; kv2018@columbia.edu

**Director of Undergraduate Studies (Modern Greek Studies):**  
Prof. Nikolas Kakkoufa; 212-854-3902; nk2776@columbia.edu

**Director of Academic Administration and Finance:** Juliana Driever; 212-854-2726; jd2185@columbia.edu

When one visits Rome or Athens, they also visit the many layers of physical, historical, and cultural development that have contributed to the complex evolution of those cities. When one tours the Roman Forum or the Greek Parthenon, they set foot on monuments whose physical impressiveness symbolizes political strength and historical importance; in a very physical way they experience the past. When one studies Latin and Greek language and culture, they embark on a tour of an alternative kind, making their way through texts and other cultural forms—such as paintings, sculptures, and philosophical ideas—that bring them directly into contact with the Greco-Roman past. Literature, philosophy, history, art and architecture, linguistics, papyrology, religion: all (and more) are branches of investigation to which the modern student of classics/classical studies has access through the surviving literary and material evidence.

But when one studies in the original language Virgil's *Aeneid*, say, or Plato's philosophical writings, they find that ancient Greek or Latin literature deals with issues and ideas that are, for us, of central contemporary importance: e.g., How can I be happy? What is the best political constitution for our (or any) state? What responsibilities do I have to the society in which I live? What national significance is served or owed by literature?

The study of Greek and Latin language and culture concentrates in one main area (ancient Greece and Rome) and on many of the questions that are of direct pertinence to the ways in which modern lives are shaped and lived; at the same time, Greco-Roman literature and philosophy, so fundamental to the later development of the Western tradition, boast works of great intrinsic worth and interest. While all Columbia students get an introduction to classical texts in *Literature Humanities* and *Contemporary Civilization*, classics/classical studies provides a more advanced study of ancient cultural issues and habits of mind already sampled in the Core.

Study abroad in Greece or Italy offers a variety of educational experiences that are continuous with those of the major, enriching both linguistic expertise and cultural awareness. Students in classics have the opportunity to take part in archaeological digs abroad and, on occasion, to assist faculty in research projects that

require, for example, bibliographical collection or the checking of research data.

Many majors pursue graduate study in classics and classical studies. Upon earning their graduate degrees, they often embark on teaching careers in universities, colleges, and high schools. Many graduating majors also enter a number of other professional fields, among them law, banking, accountancy, publishing, and museum-work. Employers tend to find that students in classics are articulate on paper, as well as orally; are organized of mind; and have good skills in general reasoning, an ability developed by the study of Greek and Latin language. In effect, the study of classics opens up a wide array of options, both in education and in the wider world.

The program of the department aims for a comprehensive understanding of classical literature and culture, and the mastery of Greek and Latin on which such understanding depends. Careful study of the language occupies the largest part of the first-year courses and is not omitted in the more advanced courses. Although literature becomes the chief subject only in the advanced courses, important authors like Homer, Plato, and Virgil are studied as literary texts already in the intermediate courses. A wide variety of courses are offered in translation.

Through a joint program with Barnard, the department offers a broad range of subjects. The department annually offers four advanced courses in each language (at the 3000- or 4000- level), the content of which changes each year in order to provide a curricular range and to balance authors and genres over a two-year period.

Opportunities for individual projects of reading and research are available. Students are also permitted to take graduate courses if they are sufficiently prepared. Additionally, they can supplement their studies within the department through work in other departments, such as art history and archaeology, history, philosophy, and the other departments of languages and literature.

It is not necessary to have previously studied either language in order to major in it. A student starting Greek or Latin at Columbia can meet all the requirements of a major within an ordinary undergraduate program.

## IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

Students beginning the study of Greek or Latin at Columbia must take four terms of either of the following two-year sequences:

### Greek

GREK UN1101	Elementary Greek I
- GREK UN1102	and Elementary Greek II
GREK UN2101	Intermediate Greek I Attic Prose
- GREK UN2102	and Intermediate Greek II: Homer

### Latin

LATN UN1101	Elementary Latin I
- LATN UN1102	and Elementary Latin II

LATN UN2101 Intermediate Latin I  
- LATN UN2102 and Intermediate Latin II

With the permission of the director of undergraduate studies, GREK UN2102 Intermediate Greek II: Homer may be taken before GREK UN2101 Intermediate Greek 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 as of July 1, 2018)  
Kristina Milnor (Barnard)  
Seth R. Schwartz  
Deborah T. Steiner  
Karen Van Dyck  
Katharina Volk  
Gareth D. Williams  
Nancy Worman (Barnard)  
James E. G. Zetzel

## ASSOCIATE PROFESSORS

Marcus Folch  
Joseph Howley  
Elizabeth Irwin  
Ellen Morris (Barnard)

## SENIOR LECTURER

Elizabeth Scharffenberger

## LECTURERS

Dimitrios Antoniou  
Caitlin Gillespie  
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.

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## 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.

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## MAJOR IN ANCIENT STUDIES

Students interested in a major in ancient studies should see the *Ancient Studies* section in this Bulletin.

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## 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).

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## 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 2018: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/12527	T Th F 10:10am - 11:25am 609 Hamilton Hall	Erin Petrella	4	10/18
LATN 1101	002/64989	M W 4:10pm - 6:00pm 616 Hamilton Hall	Mary-Evelyn Farrior	4	13/18
LATN 1101	003/29846	M W F 8:40am - 9:55am 616 Hamilton Hall	Deborah Sokolowski	4	6/18

#### Spring 2019: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/71434	T Th 4:10pm - 6:00pm 616 Hamilton Hall	Catherine Lambert	4	8/18

### 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 2018: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/29720	M W 4:10pm - 6:00pm 609 Hamilton Hall	Charles Pletcher	4	8/18

#### Spring 2019: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/12188	T Th F 10:10am - 11:25am 609 Hamilton Hall	Erin Petrella	4	11/18
LATN 1102	002/25670	M W 4:10pm - 6:00pm 609 Hamilton Hall	Darcy Krasne	4	12/18
LATN 1102	003/69642	M W F 8:40am - 9:55am 609 Hamilton Hall	Lien Van Geel	4	6/18

### 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 2018: LATN UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/68892	T Th 6:10pm - 8:00pm 609 Hamilton Hall	Nicholas Rynearson	4	15/18

### 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 2018: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/17071	M W F 10:10am - 11:25am 613 Hamilton Hall	Elizabeth Heintges	4	11/18
LATN 2101	002/60101	M W 6:10pm - 8:00pm 609 Hamilton Hall	Lien Van Geel	4	8/18

#### Spring 2019: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/60360	M W F 10:10am - 11:25am 616 Hamilton Hall	Isaia Crosson	4	6/18
LATN 2101	002/61038	T Th F 8:40am - 9:55am 616 Hamilton Hall	Charles Pletcher	4	9/18

### 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 2018: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	003/70350	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Jesse James	4	10/18

#### Spring 2019: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	001/71677	T Th F 11:40am - 12:55pm 609 Hamilton Hall	Carmela Franklin	4	17/18
LATN 2102	002/60582	M W 6:10pm - 8:00pm 609 Hamilton Hall	Tal Ish Shalom	4	9/18

### 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 2018: LATN UN3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3012	001/26450	M W 4:10pm - 5:25pm 303 Hamilton Hall	Darcy Krasne	3	19/30

### 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*).

#### Fall 2018: LATN UN3033

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3033	001/20548	T Th 2:40pm - 3:55pm 613 Hamilton Hall	Carmela Franklin	3	12/20

#### 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 2018: LATN UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3309	001/66388	M W 10:10am - 11:25am 503 Hamilton Hall	Gareth Williams	3	6/30

#### 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 2019: LATN UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3310	001/12615	M W 11:40am - 12:55pm 507 Hamilton Hall	Joseph Howley	3	15/25

#### 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 2018: LATN UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3980	001/24491	M W 11:40am - 12:55pm 613 Hamilton Hall	Darcy Krasne	3	0/15

#### 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 2018: LATN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3996	001/26221	F 2:10pm - 4:00pm 401 Hamilton Hall	John Ma	3	13/20

#### 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 2018: LATN UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	001/70221		Carmela Franklin	3	0/5
LATN 3997	002/62157		Kathy Eden	3	0/5

LATN 3997 003/71402	Katharina Volk	3	1/5
LATN 3997 004/73319	Gareth Williams	3	0/5
LATN 3997 005/11246	Joseph Howley	3	0/5
LATN 3997 011/01887	Kristina Milnor	3	0

**Spring 2019: LATN UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997 001/62634			Kathy Eden	3	0/5
LATN 3997 002/20936			Carmela Franklin	3	0/5
LATN 3997 003/63777			Gareth Williams	3	0/5
LATN 3997 004/27845			Katharina Volk	3	0/5
LATN 3997 005/14337			Joseph Howley	3	0/5
LATN 3997 006/72068			Darcy Krasne	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 2018: LATN UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998 001/21194			Kathy Eden	3	0/5
LATN 3998 002/21731			Katharina Volk	3	0/5
LATN 3998 003/26573			Carmela Franklin	3	0/5
LATN 3998 004/15099			Gareth Williams	3	1/5
LATN 3998 005/66425			Joseph Howley	3	0/5
LATN 3998 006/04109			Kristina Milnor	3	0

**Spring 2019: LATN UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998 001/16613			Kathy Eden	3	0/5
LATN 3998 002/68511			Carmela Franklin	3	0/5
LATN 3998 003/75527			Gareth Williams	3	1/5
LATN 3998 004/70931			Katharina Volk	3	1/5
LATN 3998 005/10111			Joseph Howley	3	0/5
LATN 3998 006/11077			Darcy Krasne	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.

**Fall 2018: LATN GU4010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4010 001/63866		M W 1:10pm - 2:25pm 315 Hamilton Hall	Katharina Volk	3	13/20

**Spring 2019: LATN GU4010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4010 001/22963		M W 2:40pm - 3:55pm 522c Kent Hall	Gareth Williams	3	17/20

**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 2018: LATN GU4105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4105 001/17552		M W 4:10pm - 6:00pm 401 Hamilton Hall	Gareth Williams	4	16/20

**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 2019: LATN GU4106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4106 001/60212		M W 4:10pm - 6:00pm 607 Hamilton Hall	Katharina Volk	4	9/20

**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 2018: LATN GR5139**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 5139 001/03682		T Th 10:10am - 11:25am 618 Hamilton Hall	Kristina Milnor	4	13

**LATN GU4152 Medieval Latin Literature. 3 points.**

Prerequisites: the instructor's permission.

This course covers various topics in Medieval Latin Literature.

**Spring 2019: LATN GU4152**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4152 001/72316		T Th 2:40pm - 3:55pm 618 Hamilton Hall	Carmela Franklin	3	9/20

## 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 2018: GREK UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1101	001/66179	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Caitlin Morgan	4	7/18

### 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.

#### Fall 2018: GREK UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1102	001/22336	T Th F 1:10pm - 2:25pm 408 Hamilton Hall	Paraskevi Martzavou	4	2/18

#### Spring 2019: GREK UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1102	001/13573	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Caitlin Morgan	4	6/18

### 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 2018: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/29804	M W F 1:10pm - 2:25pm 613 Hamilton Hall	Catherine Lambert	4	5/18

#### Spring 2019: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/73002	T Th F 1:10pm - 2:25pm 315 Hamilton Hall	Jesse James	4	3/18

### GREK UN2101 Intermediate Greek I Attic Prose. 4 points.

Prerequisites: *GREK UN1101- GREK UN1102* or the equivalent. Selections from Attic prose.

#### Fall 2018: GREK UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 2101	001/66900	T Th F 10:10am - 11:25am 616 Hamilton Hall	Maria Dimitropoulos	4	4/18

### 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.

#### Fall 2018: GREK UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 2102	001/71994	F 11:40am - 12:55pm 618 Hamilton Hall	Darcy Krasne	4	7/18
GREK 2102	001/71994	M W 2:40pm - 3:55pm 618 Hamilton Hall	Darcy Krasne	4	7/18

### 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 2018: GREK UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3309	001/11628	T Th 11:40am - 12:55pm 618 Hamilton Hall	Deborah Steiner	3	9/30

### 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 2019: GREK UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3310	001/69407	M W 1:10pm - 2:25pm 424 Kent Hall	Darcy Krasne	3	10/25

### 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 2018: GREK UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3980	001/68491	M W 11:40am - 12:55pm 613 Hamilton Hall	Darcy Krasne	3	7/15

### 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 2018: GREK UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3996	001/27843	F 2:10pm - 4:00pm 309 Hamilton Hall	John Ma	3	6/20

#### 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 2018: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/12679		Seth Schwartz	3	0/5
GREK 3997	002/65452		Deborah Steiner	3	1/5
GREK 3997	003/25763		Elizabeth Irwin	3	0/5
GREK 3997	004/76539		Paraskevi Martzavou	3	0/5
GREK 3997	005/70912		John Ma	3	0/5
GREK 3997	006/04456		Helene Foley	3	0
GREK 3997	007/04700		Nancy Worman	3	0
GREK 3997	008/07842		Ellen Morris	3	0

#### Spring 2019: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/26187		Marcus Folch	3	1/5
GREK 3997	002/27148		Paraskevi Martzavou	3	2/5
GREK 3997	003/72683		Elizabeth Scharffenberger	3	0/5
GREK 3997	004/14189		John Ma	3	1/5
GREK 3997	005/61762		Seth Schwartz	3	1/5
GREK 3997	006/24251		Darcy Krasne	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 2018: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/70633		Seth Schwartz	3	0/5
GREK 3998	002/77113		Paraskevi Martzavou	3	0/5

GREK 3998	003/74466		Deborah Steiner	3	1/5
GREK 3998	005/68845		John Ma	3	0/5
GREK 3998	006/01118		Helene Foley	3	0
GREK 3998	007/05966		Nancy Worman	3	0
GREK 3998	008/01683		Ellen Morris	3	0

#### Spring 2019: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/71168		Marcus Folch	3	1/5
GREK 3998	002/61465		Paraskevi Martzavou	3	0/5
GREK 3998	003/15937		Elizabeth Scharffenberger	3	0/5
GREK 3998	004/61988		Seth Schwartz	3	0/5
GREK 3998	005/63145		John Ma	3	1/5
GREK 3998	006/27328		Darcy Krasne	3	0/5
GREK 3998	007/77286		Stathis Gourgouris	3	0/5

#### 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.

#### 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.

#### Spring 2019: GREK GU4030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4030	001/97897	T 8:10am - 10:00am 405 Fayerweather	Seth Schwartz	3	1/25

#### 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 2018: GREK GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4105	001/68026	T Th 2:10pm - 4:00pm 618 Hamilton Hall	Deborah Steiner	4	14/15

#### 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 2019: GREK GU4106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4106	001/76014	T Th 2:10pm - 4:10pm 609 Hamilton Hall	Marcus Folch	4	8/20

## 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 UN3535 Identity and Society in Ancient Egypt. 3 points.**

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

**Fall 2018: CLCV UN3535**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3535	001/01230	T Th 11:40am - 12:55pm 307 Milbank Hall	Ellen Morris	3	21/25

### **CLCV UN3111 Plato and Confucius: Comparative Ancient Philosophies. 3 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: completion of first semester of CC recommended. Although separated by a distance of nearly 5,000 miles, Classical Greece and China witnessed the near-simultaneous emergence of complex, centralized city-states, intensive agricultural cultivation, urbanization, the growth of imperial administrations, and scientific and technological revolutions. Each also witnessed the emergence of competing schools of philosophy. This course surveys principal works of Classical Greek and Chinese philosophy (where possible in their totality). Our goals are both contextualist and comparativist. Alternating between philosophical traditions, we shall read, discuss, and analyze several works of ancient Greek philosophy and Classical Chinese philosophy within their unique historical contexts and in comparison to one another.

**Spring 2019: CLCV UN3111**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3111	001/75915	T 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Marcus Folch	3	23/25

### **CLCV GU4110 Gender and Sexuality In Ancient Greece. 3 points.**

Prerequisites: sophomore standing or the instructor's permission.

Examination of the ways in which gender and sexuality are constructed in ancient Greek society and represented in literature and art, with attention to scientific theory, ritual practice, and philosophical speculation. Topics include conceptions of the body, erotic and homoerotic literature and practice, legal constraints, pornography, rape, and prostitution.

### **CLCV 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.

## CLASSICAL LITERATURE

### **CLLT UN3125 Book Histories and the Classics. 3 points.**

Prerequisites: HUMA CC1001 or HUMA GS1001 COCI 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.

#### Fall 2018: CLLT UN3128

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 3128	001/67346	T Th 1:10pm - 2:25pm 613 Hamilton Hall	Isaia Crosson	3	4/18

#### 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 2018: CLLT UN3132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 3132	001/06333	M W 10:10am - 11:25am LI103 Diana Center	Helene Foley	3	56/70

#### 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.

#### Spring 2019: CLLT GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 4300	001/29140	T Th 8:40am - 9:55am 516 Hamilton Hall	Elizabeth Scharffenberger	3	17/30

## 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 "parea" 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 2018: GRKM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1101	001/21200	M W 4:10pm - 6:00pm 618 Hamilton Hall	Nikolas Kakkoufa	4	11/18

#### GRKM UN1102 Elementary Modern Greek. 4 points.

Prerequisites: GRKM UN1101 or the equivalent.

Continuation of *GRKM UN1101*. Introduction to modern Greek language and culture. Emphasis on speaking, writing, basic grammar, syntax, and cross-cultural analysis.

#### Spring 2019: GRKM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1102	001/72864	M W 4:10pm - 6:00pm 616 Hamilton Hall	Nikolas Kakkoufa	4	11/18

#### 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 2018: GRKM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2101	001/23868	M W 6:10pm - 8:00pm 618 Hamilton Hall	Nikolas Kakkoufa	4	7/18

#### 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 2019: GRKM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2102	001/64066	M W 12:10pm - 2:00pm 609 Hamilton Hall	Nikolas Kakkoufa	4	7/18

#### 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.**  
**Not offered during 2018-19 academic year.**

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 2018: GRKM UN3003**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3003	001/24780	M W 1:10pm - 2:25pm 406 Hamilton Hall	Nikolas Kakkoufa	3	0/10

**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 2018: GRKM UN3935**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3935	001/13435	W 2:10pm - 4:00pm 602 Northwest Corner	Dimitrios Antoniou	3	24/25

**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.

**Fall 2018: GRKM UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3996	001/91896		Dimitrios Antoniou	1	2/15

**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.

**Spring 2019: GRKM UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	002/13299		Nikolas Kakkoufa	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 2018: GRKM UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/63844		Karen Van Dyck	1-4	0/8

**Spring 2019: GRKM UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/64200		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.

#### Fall 2018: GRKM GU4135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4135	001/65707	T 2:10pm - 4:00pm 201a Philosophy Hall	Dimitrios Antoniou	3-4	7/20

#### 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 2018: GRKM GU4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4460	001/93048		Nikolas Kakkoufa	3	1/5

#### 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.

#### Spring 2019: CLGM UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3005	001/70094	T 2:10pm - 4:00pm 4c Kraft Center	Dimitrios Antoniou	3	9/15

#### 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 2019: CLGM UN3110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3110	001/72234	W 2:10pm - 4:00pm 304 Hamilton Hall	Dimitrios Antoniou	3	17/25

#### 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.



**Spring 2019: CLGM GU4150**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
CLGM 4150	001/13773	T 2:10pm - 4:00pm 317 Hamilton Hall	Nikolas Kakkoufa	4	3/20

**CROSS-LISTED COURSES**

HSCL UN3000      The Persian Empire

# 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 2018: CNNS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CNNS 3900	001/68752		Emlyn Hughes	1	0
CNNS 3900	002/75998		Ivana Hughes	1	2
CNNS 3900	003/78456		Monica Rouco Molina	1	3

#### Spring 2019: CNNS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CNNS 3900	003/28147		Emlyn Hughes	1	1
CNNS 3900	004/67996		Ivana Hughes	1	2

### 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 2018: INSM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3920	001/25720	W 2:10pm - 4:00pm 212d Lewisohn Hall	Rachel Chung, Gareth Williams	4	12/22

### 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 2019: INSM UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/82246	W 2:10pm - 4:00pm HI-1 Heyman Center For Humanities	Douglas Chalmers, Rachel Chung	4	14/21

### 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 2018-19 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.

**Spring 2019: FSEB UN1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FSEB 1020	001/24444	T Th 1:10pm - 2:25pm 703 Hamilton Hall	Sharon Akabas, Ruben Igal	3	31/36

**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.

**Fall 2018: FSPH UN1100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FSPH 1100	001/68447	M W 1:10pm - 2:25pm 327 Seeley W. Mudd Building	Anne Paxton	3	40/42

**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 2018: CGTH UN3401**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CGTH 3401	001/77716	W 10:10am - 12:00pm 511 Hamilton 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 21<sup>st</sup> century.

**Spring 2019: CGTH UN3402**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CGTH 3402	001/70102	W 12:10pm - 2:00pm 201a Philosophy Hall	Laura Neitzel	4	28/28

## PROFESSIONAL SCHOOL OFFERINGS

**JOUR W3100 Journalism and Public Life. 3 points.**

An introduction to the conventions, traditions, values, assumptions, and arguments that have shaped the institution of journalism and its central role in public life. Through close readings/viewings of current and classic works of journalism as well as secondary sources, we explore some of the Big Questions: What is journalism for? What is its role in public life, and how has that changed over time? Is objectivity dead—or should it be? How have new technologies affected our expectations? Is sensationalism bad for you? What is the future of journalism? The focus is on the American experience from the colonial era to the present day, though we will also draw comparisons with international developments.

**Fall 2018: JOUR W3100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JOUR 3100	001/77299	T Th 1:10pm - 2:25pm 415 Schapiro Cepser	Andie Tucher, Michael Schudson	3	9/40

**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 2019: PUBH UN3100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3100	001/70221	T Th 4:10pm - 5:25pm 501 Northwest Corner	Helen de Pinho, Rachel Moresky	3	81/100

**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?

**Fall 2018: PUBH UN3200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3200	001/62696	T Th 6:10pm - 7:25pm 313 Fayerweather	Dana March	3	56/80

**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 2019: PUBH GU4100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 4100	001/13021	T Th 4:10pm - 5:25pm 312 Mathematics Building	Dana March, Linda Fried	3	51/100

# COMPARATIVE LITERATURE AND SOCIETY

**Program Office:** B-101 Heyman Center, East Campus;  
212-854-4541; [icls@columbia.edu](mailto:icls@columbia.edu)  
<http://icls.columbia.edu>

**Director:** Prof. Lydia Liu, 407 Kent Hall; 212-854-5631;  
[ll2410@columbia.edu](mailto:ll2410@columbia.edu) (ON LEAVE 2018-2019)

**ACTING DIRECTOR 2018-19 (Associate Director):**  
Associate Prof. Anupama Rao, Barnard Hall 2nd Floor, Lefrak  
226; 212-854-8547; [arao@barnard.edu](mailto:arao@barnard.edu)

**Director of Undergraduate Studies:** Assistant Prof. of Medicine  
Rishi Goyal; B106 Heyman Center, East Campus; 212-854-4541;  
[rkg6@cumc.columbia.edu](mailto:rkg6@cumc.columbia.edu) (Spring 2019); Prof. Jesús R. Velasco,  
301 Casa Hispánica, 212-854-5322; (Fall 2019)

**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](mailto:rkg6@cumc.columbia.edu)

**Assistant Director:** Sarah Monks, B-102 Heyman Center, East  
Campus; 212-854-8850; [sm3373@columbia.edu](mailto: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/](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/departmental-  
honors/](http://icls.columbia.edu/programs/departmental-honors/).

## EXECUTIVE COMMITTEE OF ICLS

Bruno Bosteels (Latin American and Iberian Cultures)  
 Jean Louise Cohen (Political Science)  
 Souleymane Bachir Diagne (French and Romance Philology)  
 Mamadou Diouf (Middle Eastern, South Asian, and African Studies)  
 Madeleine Dobie (French and Romance Philology)  
 Brent Hayes Edwards (English and Comparative Literature, Jazz)  
 Stathis Gourgouris (Classics, English and Comparative Literature)  
 Rishi Kumar Goyal (Emergency Medicine)  
 Gil Hochberg (Middle Eastern, South Asian, and African Studies and IRWGS)  
 Bernard Harcourt (Columbia Law School)  
 Lydia H. Liu (East Asian Languages and Cultures)  
 Anupama P Rao (History, Barnard)  
 Jesus R. Velasco (Latin American and Iberian Cultures)  
 Alessandra Russo (Latin American and Iberian Cultures)  
 Felicity Scott (Graduate School of Architecture and Public Planning)  
 Oliver Simons (Germanic Languages)  
 Gayatri Chakravorty Spivak (University Professor of the Humanities)  
 Dennis Tenen (English and Comparative Literature)  
 Nadia Urbinati (Political Science)

## 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. 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** 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
  - **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)
  - **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 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 2019 COURSES

### CPLS UN3333 East/West Frametale Narratives. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A study of frame tale collections from India, Persia, the Middle East, and Western Europe from the 5<sup>th</sup> century C.E. through the 17<sup>th</sup> century. We will trace the development of short story/novella from their oral traditions and written reworkings, studying such texts as *1001 Nights*, *Kalila wa-Dimnah*, *Scholar's Guide*, and the works of Boccaccio, Marguerite de Navarre, Cervantes, and María de Zayas. This is a Global Core course. Application Instructions: E-mail Professor Patricia E. Grieve (peg1@columbia.edu) no later than November 17, with the subject heading "Application: E/W Frametale Narratives." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Applicants will be notified of decisions within a week.

#### Spring 2019: CPLS UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3333	001/68646	W 10:10am - 12:00pm 201 Casa Hispanica	Patricia Grieve	4	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 2019: CPLS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3900	001/63626	T 12:10pm - 2:00pm 311 Fayerweather	Stathis Gourgouris	3	31/36

### 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.

#### Fall 2018: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/13533		Jesus Rodriguez-Velasco	3	1/5

#### Spring 2019: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/14400		Rishi Goyal	3	14/20

### CPLS UN3997 Independent Study-Undergrad. 1-3 points.

Independent Study (set up for MLS service learning)

#### Fall 2018: CPLS UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3997	001/18570		Madeleine Dobie	1-3	1/10

### 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 2019: CLPS GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4201	001/26118	M 2:10pm - 4:00pm 201 80 Claremont	Karen Seeley	4	4/16

### 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 2019: CPLS GU4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4320	001/14837	W 10:10am - 12:00pm 707 Hamilton Hall	Samuel Roberts	4	7/20

#### CLPS GU4520 Thinking Mothers – Philosophical, Psychoanalytic, and Literary Speculations. 4 points.

Is it reassuring that no philosophical treatise 'On the Mother' seems to have been written in the history of occidental thought? Should we be relieved that nothing this violently direct, obscene, on the mother, seems to have been produced? Or should we rather be disturbed that 'thinking mothers' has not been a declared task for the mostly male-bonding and father-bound trans-generational band called 'thinkers'? Would thinking, as philosophical thinking which in one of its traditional senses calls for thinking the *essence* of 'a thing', not require to think motherhood, maternity, or the Mother as the essence of mothers? Would thinking mothers in their supposed essence as giving birth, bringing to life, as a singular (mother) in relation to a singular (progeny), kill the mothers, each and every single one, by thinking that essence which they all would be supposed to share? Does the mother not allow us to think? Is thinking matricidal? Does the essence of mothers lie in not thinking the essence of mothers? Are mothers and thinkers engaged in a struggle for life and death, like two rivaling twins outside of themselves in a womb we have to invent in order to imagine it? Where can we find room to speculate a little differently facing the mirror of thinking mothers? Do we have to resort to psychoanalysis and literature in order to un-think these questions?

#### Spring 2019: CLPS GU4520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4520	001/27846	Th 4:10pm - 6:00pm 401 Hamilton Hall	Marcus Coelen	4	4/20

#### CLEN GU4550 Narrative and Human Rights. 3 points.

(Lecture). We can't talk about human rights without talking about the forms in which we talk about human rights. This course will study the convergences of the thematics, philosophies, politics, practices, and formal properties of literature and human rights. In particular, it will examine how literary questions of narrative shape (and are shaped by) human rights concerns; how do the *forms* of stories enable and respond to forms of thought, forms of commitment, forms of being, forms of justice, and forms of violation? How does narrative help us to imagine an international order based on human dignity, rights, and equality? We will read classic literary texts and contemporary writing (both literary and non-literary) and view a number of films and other multimedia projects to think about the relationships between story forms and human rights problematics and practices. Likely literary authors: Roberto Bolaño, Miguel de Cervantes, Assia Djebar, Ariel Dorfman, Slavenka Drakulic, Nuruddin Farah, Janette Turner

Hospital, Franz Kafka, Sahar Kalifeh, Sindiwe Magona, Maniza Naqvi, Michael Ondaatje, Alicia Partnoy, Ousmane Sembène, Mark Twain . . . We will also read theoretical and historical pieces by authors such as Agamben, An-Na'im, Appiah, Arendt, Balibar, Bloch, Chakrabarty, Derrida, Douzinas, Habermas, Harlow, Ignatieff, Laclau and Mouffe, Levinas, Lyotard, Marx, Mutua, Nussbaum, Rorty, Said, Scarry, Soyinka, Spivak, Williams.

## FALL 2018 COURSES

#### SPAN UN3363 Medieval Spanish Literature Outside the Box. 3 points.

Not offered during 2018-19 academic year.

In this course, we will enjoy reading and discussing some canonical literary texts from the Iberian Peninsula (sometimes known as Spain and Portugal). We will discuss the following themes, among others: 1. multilingualism and tongue trading 2. differences of faith or religion 3. problems regarding coexistence, tolerance, and convivencia 4. race 5. gender 6. frontiers 7. transactions across borders 8. forms of exclusion and strategies of inclusion 9. why would Medieval Iberian literatures matter to us, 21st-century citizens?

We will base most of our work on the close reading of our primary sources, which we will complement with secondary sources. We will hold five research workshops on: 1. Al-Andalus 2. Aljamiado literature (we will even learn the Arabic script) 3. Visual arts and literature 4. Music and poetry 5. Women writers in the Middle Ages, inside and outside the Iberian Peninsula During these workshops we will have an opportunity to delve further into these themes, while we explore and come up with new research projects and ideas. In addition to these workshops, students will be required to blog about their research throughout the course. We will explore blogging techniques so that our posts are, at the same time, enjoyable and intellectually productive.

#### Fall 2018: SPAN UN3363

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3363	001/93747	M W 11:40am - 12:55pm 201 Casa Hispanica	Jesus Rodriguez-Velasco	3	9/15

#### 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 2019: CPLS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CPLS 3900 001/63626 T 12:10pm - 2:00pm Stathis 3 31/36  
Gourgouris  
311 Fayerweather

**CPLS UN3915 Reading the Multilingual City: New York, Urban Landscapes & Urban Multilingualism. 4 points.**

This course seeks to bring the city and multilingualism into conversation in order to throw light on the cultural history of New York as a multilingual city in which multiple cultures and languages co-exist, interact and lay claim to an ever-changing urban landscape. Focusing on the history and present state of various languages in the New York landscape, the course will explore urban multilingualism through a variety of critical, theoretical, and cultural lenses that will expand our understanding of the relationship between the spatial organization of a city and its linguistic profile.

**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 2018: CPLS UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3991	001/66505	T 2:10pm - 4:00pm 507 Philosophy Hall	Rishi Goyal	3	23/20

**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.

Fall 2018: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/13533		Jesus Rodriguez-Velasco	3	1/5

Spring 2019: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/14400		Rishi Goyal	3	14/20

**CPLS UN3997 Independent Study-Undergrad. 1-3 points.**  
Independent Study (set up for MLS service learning)

Fall 2018: CPLS UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3997	001/18570		Madeleine Dobie	1-3	1/10

**CLIA GU4022 Diasporas in Italian and Transnational History. 3 points.**

Some years ago the word Diaspora referred to Jews and was spelled with a capital D. Today, almost every ethnic group, country, or separatist movement has its diaspora. Usually, these diasporas are presented as pieces of national life scattered here and there, in places far away from the national core. In this seminar, however, we will treat diasporas not as an emblem of national unity but as an expression of diversity, of a multiplicity of loyalties and belongings. By combining history, literature, film, and cultural studies, and by approaching the topic through the lens of transnationalism, we will study topics such as Mobility and Nationalism, Diasporas in Intellectual History, The Mediterranean in Motion, Italian Migration, Mobile Italy and its Colonies, Displacements in the Eastern Mediterranean, Lost Cosmopolitanisms in the Middle East, Emigration from Eastern Europe, and Mediterranean Refugees and Memory. The aim is to turn our gaze away from the territorially defined countries, towards a view of the world in which countries are ship-like territories.

Fall 2018: CLIA GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLIA 4022	001/66896	T 6:10pm - 8:00pm 407 Hamilton Hall	Konstantia Zanou	3	9/12

**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 21<sup>st</sup> century?

Fall 2018: CPLS GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4145	001/75506	T 2:10pm - 4:00pm B100 Heyman Center For Humanities	Diane Rubenstein	4	6/20

**CLPS GU4223 Sexual Science? Writing and the Epistemological Question of Psychoanalysis. 4 points.**

Mallarmé saw writing as a “mad game” [*ce jeu insensé d’écrire*]. Following Blanchot following Mallarmé, Foucault equaled literature’s writing again with “madness [*folie*]” and then both with the enigmatic thought of an “absence of work [*absence d’œuvre*].”

By bringing together close readings and references to clinical experience, this course hopes to show that *writing* lies at the heart of psychoanalysis. We will also ask what share of the “mad game” is written into this heart, and how it is linked to the epistemological adventure of psychoanalysis. Is it a science that doesn’t work but still keeps writing?

In Freud we will trace a poetics that secretly informs the careful *constructions* of his concepts and theoretical compositions. With Schreber we will analyze a drive to find a *formula* for the mad experience, a drive that does not only inform his own *Memoirs of my Nervous Illness* but whose transference can be read in founding texts of psychoanalytic writing on psychosis. In Lacan we will comment on his intention to force a *reduction* of psychoanalytic discourse to such an extent that it may yield the letters of a “writing of the real.”

By elaborating these three moments of writing – (poetic) *construction*, (mad) *formalization*, (literal) *reduction* – we will ask what they have to do with the “sexual” – the word, the concept, the thing, and its metonymies (transference, libido, drive, affect, Eros) – with the “sexual”, this other “heart” of psychoanalysis. How does it pulse beat in the psychoanalytic epistemology?

**Fall 2018: CLPS GU4223**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4223	001/62196	Th 4:10pm - 6:00pm 501b International Affairs Bldg	Marcus Coelen	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 2018: CLPS GU4251**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4251	001/93629	T 10:10am - 12:00pm 205 Union Theological Seminary	Karen Seeley	3	3/15

**CPLS GU4320 Marginalization in Medicine: A Practical Understanding of the Social Implications of Race. 4 points.**

There is a significant correlation between race and health in the United States. People of color and those from underserved populations have higher mortality rates and a greater burden of chronic disease than their white counterparts. Differences in health outcomes have been attributed to biological factors as race has been naturalized. In this class we will explore the history of the idea of “race” in the context of changing biomedical knowledge formations. We will then focus on the impact that social determinants like poverty, structural violence, racism and geography have on health. Ultimately, this course will address the social implications of race on health both within the classroom and beyond. In addition to the seminar, there will also be a significant service component. Students will be expected to volunteer at a community organization for a minimum of 3 hours a week. This volunteer work will open an avenue for students to go beyond the walls of their classrooms while learning from and positively impacting their community.

**Spring 2019: CPLS GU4320**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4320	001/14837	W 10:10am - 12:00pm 707 Hamilton Hall	Samuel Roberts	4	7/20

**CPLS GU4400 PSYCHOANALYSIS & RELIGION. 4 points. Not offered during 2018-19 academic year.**

Please contact the Institute for Comparative Literature and Society for information.

**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 2019: CLPS GU4201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4201	001/26118	M 2:10pm - 4:00pm 201 80 Claremont	Karen Seeley	4	4/16

**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 2018: GERM GU4670**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4670	001/21701	W 2:10pm - 4:00pm 717 Hamilton Hall	Oliver Simons	3	44/60

**CLEN GU4910 Metaphor and Media. 3 points.**

This course offers a survey of major works on metaphor, beginning with Aristotle and ending with contemporary cognitive and media theory. Appropriate for both undergraduate and graduate students, our sessions will involve weekly discussion and an occasional "lab" component, in which we will test our theoretical intuitions against case studies of literary metaphor and metaphor in the fields of law, medicine, philosophy, and design.

I am particularly interested in ways metaphors "break" or "die," whether from disuse, overuse, or misapplication. In their classical sense, metaphors work by ferrying meaning across from one domain to another. For example, by calling a rooster "the trumpet of the morn," Shakespeare means to suggest a structural similarity between horn instruments and birds. Note that this similarity cannot pertain to the objects in their totality. The analogy applies to the call of the bird only or perhaps to the resemblance between a beak and the flute of a trumpet. The metaphor would fail yet again if there were no perceivable analogies between birds and trumpets. Similarly, computer users who empty their virtual "trash bins," are promised the erasure of underlying data. The course will conclude by examining the metaphors implicit such media transformations.

**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.

**Spring 2019: CLGM GU4150**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 4150	001/13773	T 2:10pm - 4:00pm 317 Hamilton Hall	Nikolas Kakkoufa	4	3/20

**CLGR GU4345 Goethe and the Sciences. 3 points.**

Goethe's writings in the natural sciences are amazingly extensive. This course will discuss his most important scientific writings within their epistemological context. Each Goethe text will be analyzed in relation to scientific discourses of his time.

This course is also conceived as a more general introduction to theoretical perspectives on the intersections of literature and science. In our close readings we will examine how scientific concepts and ideals such as exactitude, objectivity, or the experiment play comparable roles in Goethe's literary poetics. Instead of seeing literature and the sciences as delimited disciplines, we will instead scrutinize their a priori assumptions: the poeticization of knowledge, and literature as a form of knowing. In addition, we will study several theoretical texts and discourses as a potential toolbox for interdisciplinary inquiries in the humanities. This course thus also serves as a general introduction to some of the most influential theoretical reflections on literature and science.

**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.

**CSER GU4482 Indigenous People's Rights: From Local Identities to the Global Indigenous Movement. 4 points.**

Indigenous Peoples, numbering more than 370 million in some 90 countries and about 5000 groups and representing a great part of the world's human diversity and cultural heritage, continue to raise major controversies and to face threats to their physical and cultural existence. The main task of this course is to explore the complex historic circumstances and political actions that gave rise to the international Indigenous movement through the human rights agenda and thus also produced a global Indigenous identity on all continents, two intertwined and deeply significant phenomena over the past fifty years. We will analyze the achievements, challenges and potential of the dynamic interface between the Indigenous Peoples' movement—one of the strongest social movements of our times—and the international community, especially the United Nations system. Centered on the themes laid out in the United Nations Declaration on the Rights of Indigenous Peoples (2007), the course will examine how Indigenous Peoples have been contesting and reshaping norms, institutions and global debates in the past 50 years, re-shaping and gradually decolonizing international institutions and how they have contributed to some of the most important contemporary debates, including human rights, development, law, and specifically the concepts of self-determination, governance, group rights, inter-culturality and pluriculturality, gender, land, territories and natural resources, cultural rights, intellectual property, health, education, the environment and climate justice. The syllabus will draw on a variety of academic literature, case studies and documentation of Indigenous organizations, the UN and other intergovernmental organizations as well as States from different parts of the world. Students will also have the opportunity to meet with Indigenous leaders and representatives of international organizations and States and will be encouraged to attend the United Nations Permanent Forum on Indigenous Issues. Select short films will be shown and discussed in class.

**Spring 2019: CSER GU4482**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4482	001/13380	M W 4:10pm - 5:25pm 420 Pupin Laboratories	Elsa Stamatopoulou	4	9/35

**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 2019: FILM UN2310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2310	001/20600	Th 10:00am - 1:45pm 511 Dodge Building	Nico Baumbach	3	32/60

**MDES GU4237 Arabs, Jews, and Arab Jews: Identity, Politics, Writing. 4 points.**

In modern times, the names and figures “Arab” and “Jew” have had a history of resemblance (19<sup>th</sup> century philologists and biblical scholars have often related to both “Semites” and discussed them interchangeably), followed by a history of setting the two figures apart in radical opposition. This split solidified in 1948, when Israel was established as a Jewish state on the ruins of Palestine, with close to 800,000 Palestinian refugees exiled from their homes. Within this context “Jew” and “Arab” became radically opposed political and cultural figures. While this remains the case for several decades within Israel, resulting in an active suppression of “Mizrahi” (Jews from the Levant and the Maghreb) culture, memory, and affiliations, the past two decades have been characterized by a boom in the production of Mizrahi art, music, and literature as well as a great development of a political and epistemological position that refuses to set “Jew” and “Arab” apart.

In this course we will engage a broad theoretical spectrum of texts dealing with questions of memory, representation, hegemonic (state) power and the ability of counter-hegemonic cultural forces to de-colonialize structures of power. We will accompany these general theoretical readings with historical, political and literary texts by and about “Arabs,” and “Jews” that is by and about the relationship between these two figures, which in many cases, as we shall see, is not really two figures, but one. Finally we will explore the cultural and political meaning behind these literary productions and other projects. Are they mainly about the reconstructing the past? Reviving otherwise lost memories? Or should they be read as futuristic texts, invested in recovering the past bonds between “Jew” and “Arab” (often within the self) for the sake of creating an alternative future?

**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
<b>East Asian Languages and Cultures</b>	
<b>English and Comparative Literature</b>	
<b>English (Barnard)</b>	
<b>Germanic Languages</b>	
<b>History (Barnard)</b>	
HIST BC3830	Bombay/Mumbai and Its Urban Imaginaries
<b>Italian</b>	
<b>Middle Eastern, South Asian, and African Studies</b>	
CLME GU4227	The Islamic Context of the Arabian Nights since the Establishment of Baghdad
CLME GU4228	The Arab Street: Politics and Poetics of Transformation
<b>Religion</b>	
<b>Slavic Languages</b>	
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	Comparative European Novel
CLME GU4031	Cinema and Society In Asia and Africa
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
CLRS GU4036	Nabokov and Global Culture
CLRS UN3304	
CLRS UN3307	(Russian) Literary Playgrounds: Adventures in Textual Paichnidology
CLRS UN3309	Fact and Fiction: The Document in Russian and American Literature
CLSL GU4003	Central European Drama in the Twentieth Century
CLSS GU4028	In the Shadow of Empires: Literature of the South Slavs From Realism to Today

# 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](mailto: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 Salleb-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)
<b>First Year</b>	
COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science

<b>Sophomore Year</b>	
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

<b>Junior and Senior Year</b>	
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:

<b>First Year</b>	
COMS W1004	Introduction to Computer Science and Programming in Java
<b>Sophomore Year</b>	
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
<b>Junior and Senior Year</b>	
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.

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**MAJOR IN COMPUTER SCIENCE—MATHEMATICS**

For a description of the joint major in computer science—mathematics, see the *Mathematics* section in this bulletin.

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**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
or COMS W1002 Computing in Context	
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
STAT GU4001	Introduction to Probability and Statistics

Following are some suggested programs of instruction:

## Information Science and Contemporary Society

Students may focus on how humans use technology and how technology has changed society.

The requirements include:

COMS W4111	Introduction to Databases
COMS W4170	User Interface Design
COMS W4701	Artificial Intelligence
COMS W3410	Computers and Society
SOCI UN3010	Methods for Social Research
SOCI UN3960	Law, Science, and Society

## Information Science and the Economy

Students may focus on understanding information modeling together with existing and emerging needs in economics and finance as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	Introduction to Databases
COMS W4701	Artificial Intelligence
COMS W4771	Machine Learning
ECON UN3412	Introduction To Econometrics
ECON UN3025	Financial Economics
ECON UN3265	The Economics of Money and Banking

## Information Science and Health Sciences

Students may focus on understanding information modeling together with existing and emerging needs in health sciences, as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	Introduction to Databases
COMS W4170	User Interface Design
COMS W4701	Artificial Intelligence
BINF G4001	Introduction To Computer Applications In Health Care and Biomedicine
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

### 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
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COMS W3136	Data Structures with C/C++
COMS W3137	Honors Data Structures and Algorithms
Two required courses:	
COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
CSOR W4231	Analysis of Algorithms I
<b>Electives (15 points)</b>	
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.

**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 2018: COMS W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1002	001/75147	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Adam Cannon	4	217/300

**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 2018: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/69061	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Adam Cannon	3	299/400

#### Spring 2019: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/12775	M W 5:40pm - 6:55pm 417 International Affairs Bldg	Paul Blaer	3	329/398

### 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 2018: COMS W1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1007	001/72894	T Th 1:10pm - 2:25pm 1127 Seeley W. Mudd Building	John Kender	3	37/80

### 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 2018: COMS W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/63910	F 11:30am - 6:30pm 405a International Affairs Bldg	Adam Cannon	1	17/50

#### Spring 2019: COMS W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/67698	F 11:30am - 6:30pm 467 Ext Schermerhorn Hall	Daniel Bauer	1	18/30

### 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.

#### Spring 2019: COMS W3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3101	001/11695	Th 6:10pm - 8:00pm 424 Pupin Laboratories	Dimitri Kopaliani	1	17/30
COMS 3101	002/91697	W 2:10pm - 4:00pm 603 Hamilton Hall	Lawrence Stead	1	39/50
COMS 3101	003/98647	Th 6:10pm - 8:00pm 750 Schapiro Cepser	Ramana Isukapalli	1	50/50

### 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 2018: COMS W3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3102	006/98347		Paul Blaer	1-2	15/80

#### Spring 2019: COMS W3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3102	001/61283	F 2:10pm - 4:00pm 302 Fayerweather	Gary Zamchick	1-2	11/30
COMS 3102	003/76598		Paul Blaer	1-2	3/100

### 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 2018: COMS W3134**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/65977	M W 5:40pm - 6:55pm 301 Pupin Laboratories	Paul Blaer	3	163/200
COMS 3134	002/22761	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Paul Blaer	3	172/200

**Spring 2019: COMS W3134**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/25926	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Paul Blaer	3	282/319

**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 2018: COMS W3136**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/20752	T Th 5:40pm - 6:55pm 329 Pupin Laboratories	Timothy Paine	4	35/120

**Spring 2019: COMS W3136**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/10226	T Th 5:40pm - 6:55pm 517 Hamilton Hall	Timothy Paine	4	30/86

**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 2019: COMS W3137**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3137	001/67099	T Th 2:40pm - 3:55pm 309 Havemeyer Hall	Daniel Bauer	4	29/60

**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 2018: COMS W3157**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/61746	T Th 11:40am - 12:55pm 301 Pupin Laboratories	Jae Lee	4	136/225
COMS 3157	002/24043	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Jae Lee	4	137/225

**Spring 2019: COMS W3157**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/20809	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Jae Lee	4	273/320

**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 2018: COMS W3203**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/26075	T Th 10:10am - 11:25am 501 Northwest Corner	Ansaf Salleb-Aouissi	3	144/150
COMS 3203	002/67730	T Th 11:40am - 12:55pm 501 Northwest Corner	Ansaf Salleb-Aouissi	3	146/150

**Spring 2019: COMS W3203**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/70527	T Th 11:40am - 12:55pm 301 Pupin Laboratories	Ansaf Salleb-Aouissi	3	144/152
COMS 3203	002/23307	T Th 4:10pm - 5:25pm	Tony Dear	3	102/152



207 Mathematics  
Building

### **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 2018: COMS W3261**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/25322	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Xi Chen	3	105/125
COMS 3261	002/13926	M W 4:10pm - 5:25pm 207 Mathematics Building	Xi Chen	3	89/135

#### **Spring 2019: COMS W3261**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/26536	M W 5:40pm - 6:55pm 451 Computer Science Bldg	Allison Bishop	3	106/110
COMS 3261	002/64141	M W 7:10pm - 8:25pm 451 Computer Science Bldg	Allison Bishop	3	104/110

### **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.

### **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.

#### **Spring 2019: COMS W3902**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3902	070/23499		Tony Dear	1-6	0

### **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 2018: COMS W4111**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/67658	F 10:10am - 12:40pm 207 Mathematics Building	Donald Ferguson	3	136/152
COMS 4111	002/70289	T Th 4:10pm - 5:25pm	Eugene Wu	3	107/150

		501 Northwest Corner			
COMS 4111	003/13771	M 4:10pm - 6:40pm 750 Schapiro Cepser	Alexandros Biliris	3	75/80
COMS 4111	H01/77149		Donald Ferguson	3	49/50
COMS 4111	V01/61248	F 10:10am - 12:40pm Room TBA	Donald Ferguson	3	8
<b>Spring 2019: COMS W4111</b>					
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
COMS 4111	001/25888	F 10:10am - 12:40pm 451 Computer Science Bldg	Alexandros Biliris	3	60/78
COMS 4111	002/10585	F 1:10pm - 3:40pm 451 Computer Science Bldg	Alexandros Biliris	3	68/78
COMS 4111	003/18648	Th 7:00pm - 9:30pm 451 Computer Science Bldg	Donald Ferguson	3	109/110
COMS 4111	004/75528	T Th 8:40am - 9:55am 209 Havemeyer Hall	Eugene Wu	3	73/100
COMS 4111	H03/68500		Donald Ferguson	3	119/150
COMS 4111	V03/67591	Th 7:00pm - 9:30pm 451 Computer Science Bldg	Donald Ferguson	3	17/80

**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 2018: COMS W4113**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4113	001/73236	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Roxana Geambasu	3	97/110

**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 2018: COMS W4115**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/65542	M W 4:10pm - 5:25pm 451 Computer Science Bldg	Stephen Edwards	3	88/115
COMS 4115	002/61281	M W 1:10pm - 2:25pm 703 Hamilton Hall	Baishakhi Ray	3	8/54
COMS 4115	H01/86033		Stephen Edwards	3	1/50
COMS 4115	V01/64104	M W 4:10pm - 5:25pm 451 Computer Science Bldg	Stephen Edwards	3	4

**Spring 2019: COMS W4115**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/67421	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Ronghui Gu	3	79/116
COMS 4115	V01/15339	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Ronghui Gu	3	8

**COMS W4117 Compilers and Interpreters. 3 points.**

Lect: 3. Not offered during 2018-19 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 2018: COMS W4118**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/64429	T Th 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Jason Nieh	3	53/110
COMS 4118	V01/15472	T Th 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Jason Nieh	3	6

**Spring 2019: COMS W4118**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/62983	T Th 11:40am - 12:55pm 517 Hamilton Hall	Jae Lee	3	87/86

**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.

**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.

**Fall 2018: COMS W4156**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4156	001/65235	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Gail Kaiser	3	113/120
COMS 4156	V01/28458	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Gail Kaiser	3	4/80

**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 2019: COMS W4160**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4160	001/23283	F 10:10am - 12:40pm 1127 Seeley W. Mudd Building	Changxi Zheng	3	53/54
COMS 4160	V01/89880	F 10:10am - 12:40pm 1127 Seeley W. Mudd Building	Changxi Zheng	3	2
COMS 4160	V01/89880	T 11:40am - 12:55pm Room TBA	Changxi Zheng	3	2

**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).

**Fall 2018: COMS W4167**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4167	001/97499	T 4:10pm - 6:00pm 524 Seeley W. Mudd Building	Eitan Grinspun	3	51/67
COMS 4167	V01/82299	F 4:10pm - 6:00pm 545 Seeley W. Mudd Building	Eitan Grinspun	3	3

**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 2018: COMS W4170**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/70777	T Th 1:10pm - 2:25pm 413 Kent Hall	Steven Feiner	3	61/65

**Spring 2019: COMS W4170**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/14347	M W 4:10pm - 5:25pm 451 Computer Science Bldg	Lydia Chilton	3	107/100

**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 2019: COMS W4172**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4172	001/63759	T Th 1:10pm - 2:25pm 627 Seeley W. Mudd Building	Steven Feiner	3	43/50
COMS 4172	501/61847		Steven Feiner	3	1/50

**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 2018-19 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 2018: COMS W4181**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4181	001/15941	M W 2:40pm - 3:55pm 403 International Affairs Bldg	Suman Jana	3	53/70

**COMS W4182 Security II. 3 points.****Not offered during 2018-19 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 2019: COMS W4182**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4182	001/26546	F 10:10am - 12:40pm 545 Seeley W. Mudd Building	Debra Cook	3	8/35
COMS 4182	V01/75287	F 10:10am - 12:40pm	Debra Cook	3	3/70



545 Seeley W. Mudd  
Building

### COMS W4186 Malware Analysis and Reverse Engineering. 3 points.

Not offered during 2018-19 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 2018: COMS W4186

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4186	001/78146	Th 4:10pm - 6:40pm 963 Ext Schermerhorn Hall	Michael Sikorski	3	18/30

### 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.

#### Fall 2018: COMS W4187

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4187	001/12634	F 10:10am - 12:40pm 1127 Seeley W. Mudd Building	Debra Cook	3	3/70
COMS 4187	V01/75420	F 10:10am - 12:40pm 1127 Seeley W. Mudd Building	Debra Cook	3	4

### 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 2018-19 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 2018: COMS W4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4236	001/75500	M W 10:10am - 11:25am 310 Fayerweather	Omri Weinstein	3	32/50
COMS 4236	D01/77851		Xi Chen	3	3

### 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.

#### Fall 2018: COMS W4252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4252	001/12932	T Th 8:40am - 9:55am 451 Computer Science Bldg	Rocco Servedio	3	78/100
COMS 4252	V01/62888	T Th 8:40am - 9:55am	Rocco Servedio	3	12

1127 Seeley W.  
Mudd Building

### **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 2018: COMS W4261**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4261	001/74212	M W 7:10pm - 8:25pm 451 Computer Science Bldg	Allison Bishop	3	67/100

### **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 2018-19 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.

#### **Spring 2019: COMS W4419**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4419	001/61647	F 1:10pm - 3:40pm 1127 Seeley W. Mudd Building	Henning Schulzrinne	3	56/85
COMS 4419	V01/23034	F 1:10pm - 3:40pm 1127 Seeley W. Mudd Building	Henning Schulzrinne	3	4/120

### **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 2018: COMS W4444**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4444	001/75472	M W 1:10pm - 2:25pm 644 Seeley W. Mudd Building	Kenneth Ross	3	24/30

### **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 2018: COMS W4460**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4460	001/26969	F 10:10am - 12:40pm 608 Schermerhorn Hall	William Reinisch	3	13/32

### **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 2018: COMS W4701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/14175	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Tony Dear	3	186/189
COMS 4701	002/22497	T Th 5:40pm - 6:55pm 614 Schermerhorn Hall	Tony Dear	3	115/123
COMS 4701	D01/14256		Ansaf Salleb-Aouissi	3	7

#### **Spring 2019: COMS W4701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/16179	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Ansaf Salleb-Aouissi	3	129/120
COMS 4701	H01/81282		Ansaf Salleb-Aouissi	3	50/50
COMS 4701	V01/14123	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Ansaf Salleb-Aouissi	3	14

### **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 2018: COMS W4705**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/88965	T Th 5:40pm - 6:55pm 451 Computer Science Bldg	Daniel Bauer	3	104/110
COMS 4705	002/61066	M W 5:40pm - 6:55pm Room TBA	Michael Collins	3	75/78
COMS 4705	V02/10636	M W 5:40pm - 6:55pm Room TBA	Michael Collins	3	6

#### **Spring 2019: COMS W4705**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/64824	M W 4:10pm - 5:25pm 1024 Seeley W. Mudd Building	Michael Collins	3	143/150
COMS 4705	002/10527	F 4:10pm - 6:40pm 451 Computer Science Bldg	Yassine Benajiba	3	104/110
COMS 4705	V01/74071	M W 4:10pm - 5:25pm 1024 Seeley W. Mudd Building	Michael Collins	3	15

### **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 2018-19 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 2018: COMS W4731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4731	001/23317	M W 2:40pm - 3:55pm 451 Computer Science Bldg	Carl Vondrick	3	99/110

#### COMS W4733 Computational Aspects of Robotics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136) 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 2018: COMS W4733

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4733	001/73495	T Th 11:40am - 12:55pm 413 Kent Hall	Peter Allen	3	65/75

#### Spring 2019: COMS W4733

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4733	001/74025	M W 4:10pm - 5:25pm 633 Seeley W. Mudd Building	Tony Dear	3	76/75
COMS 4733	V01/89857	M W 4:10pm - 5:25pm 633 Seeley W. Mudd Building	Tony Dear	3	4

#### 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.

#### 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 2018: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/67443	M W 2:40pm - 3:55pm 301 Pupin Laboratories	Nakul Verma	3	138/155
COMS 4771	002/13758	M W 10:10am - 11:25am 451 Computer Science Bldg	Daniel Hsu	3	51/110

#### Spring 2019: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/19903	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Nakul Verma	3	118/110
COMS 4771	002/23303	M W 2:40pm - 3:55pm 451 Computer Science Bldg	Nakul Verma	3	116/110
COMS 4771	H01/79700		Nakul Verma	3	17/50
COMS 4771	V01/29514	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Nakul Verma	3	13

#### COMS W4772 Advanced Machine Learning. 3 points.

Lect: 3.

Prerequisites: (COMS W4771) or instructor's permission; knowledge of linear algebra & introductory probability or statistics is required.



An exploration of advanced machine learning tools for perception and behavior learning. How can machines perceive, learn from, and classify human activity computationally? Topics include appearance-based models, principal and independent components analysis, dimensionality reduction, kernel methods, manifold learning, latent models, regression, classification, Bayesian methods, maximum entropy methods, real-time tracking, extended Kalman filters, time series prediction, hidden Markov models, factorial HMMS, input-output HMMs, Markov random fields, variational methods, dynamic Bayesian networks, and Gaussian/Dirichlet processes. Links to cognitive science.

### **COMS 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 2018: COMS W4995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/74412	M W 7:10pm - 8:25pm 1127 Seeley W. Mudd Building	Iddo Drori	3	71/80

COMS 4995	002/19892	M W 1:10pm - 2:25pm 209 Havemeyer Hall	Nakul Verma	3	45/80
COMS 4995	004/99698	T 6:10pm - 8:00pm 415 Schapiro Cepser	Agnes Chang	3	34/40
COMS 4995	005/77534	Th 7:00pm - 9:30pm 633 Seeley W. Mudd Building	Adam Kelleher	3	24/75
COMS 4995	006/17999	F 10:10am - 12:40pm 833 Seeley W. Mudd Building	Joshua Gordon	3	117/125
COMS 4995	007/79036	M 7:00pm - 9:30pm 301 Pupin Laboratories	Bryan Gibson	3	100/125
COMS 4995	008/88784	Th 7:00pm - 9:30pm 222 Pupin Laboratories	Amir Baradaran	3	16/25
COMS 4995	V01/70584	M W 7:10pm - 8:25pm 1127 Seeley W. Mudd Building	Iddo Drori	3	23

#### **Spring 2019: COMS W4995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/70948	T 6:10pm - 8:00pm 413 Kent Hall	Shruti Gandhi	3	54/70
COMS 4995	003/73096	T Th 8:40am - 9:55am 524 Seeley W. Mudd Building	Augustin Chaintreau	3	34/54
COMS 4995	004/10366	T Th 7:10pm - 8:20pm 517 Hamilton Hall	Iddo Drori	3	72/86
COMS 4995	005/20631	M W 1:10pm - 2:25pm 207 Mathematics Building	Andreas Mueller	3	144/150
COMS 4995	006/89685	T 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Agnes Chang	3	30/40
COMS 4995	007/12947	Th 7:00pm - 9:30pm 207 Mathematics Building	Joshua Gordon	3	126/125
COMS 4995	008/28280	F 10:10am - 12:00pm 227 Seeley W. Mudd Building	Bjarne Stroustrup	3	31/33
COMS 4995	009/12847	M 7:00pm - 9:30pm 717 Hamilton Hall	Adam Kelleher	3	68/75
COMS 4995	010/99696	T Th 5:40pm - 6:55pm 253 Engineering Terrace	Amir Baradaran	3	16/25
COMS 4995	V03/63943	T Th 8:40am - 9:55am Room TBA	Augustin Chaintreau	3	5/48

### **COMS W4996 Special topics in computer science, II. 3 points.**

Lect: 3. **Not offered during 2018-19 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 2018: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/22265	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Daniel Rubenstein	3	184/220

#### Spring 2019: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/74680	T Th 10:10am - 11:25am 451 Computer Science Bldg	Daniel Rubenstein	3	121/110
CSEE 3827	002/89683	T Th 11:40am - 12:55pm 451 Computer Science Bldg	Daniel Rubenstein	3	123/110

### 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 2018: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/15669	T Th 1:10pm - 2:25pm 428 Pupin Laboratories	Ethan Katz-Bassett	3	90/150
CSEE 4119	V01/62843	T Th 1:10pm - 2:25pm 428 Pupin Laboratories	Ethan Katz-Bassett	3	5/140

#### Spring 2019: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/72135	T Th 2:40pm - 3:55pm	Javad Ghaderi	3	120/150

501 Northwest  
Corner

### 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 2018: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4140	001/19020	M W 10:10am - 11:25am 415 Schapiro Cepser	Gil Zussman	3	9/40

#### Spring 2019: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4140	001/22544	M W 10:10am - 11:25am 834 Seeley W. Mudd Building	Gil Zussman	3	22/42

### 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 2018: CSEE W4823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4823	001/23029	T Th 10:10am - 11:25am 614 Schermerhorn Hall	Mingoo Seok	3	21/80

### 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 2018: CSEE W4824

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4824	001/61438	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Simha Sethumadhavan	3	29/60

#### 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 2019: CSEE W4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4840	001/23021	F 10:10am - 12:40pm 717 Hamilton Hall	Stephen Edwards	3	46/80

#### 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 2018: CSEE W4868

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4868	001/17424	T Th 11:40am - 12:55pm 1024 Seeley W. Mudd Building	Luca Carloni	3	34/80

## 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 2019: CBMF W4761

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CBMF 4761	001/10974	M W 4:10pm - 5:25pm 516 Hamilton Hall	Itshack Pe'er 3		14/54

## CREATIVE WRITING

**Undergraduate Creative Writing Program Office:** 609 Kent;  
212-854-3774

<http://arts.columbia.edu/writing/undergraduate>

**Director of Undergraduate Studies:** Prof. Dorothea Lasky, 609 Kent; 212-854-3774; [dsl2121@columbia.edu](mailto:dsl2121@columbia.edu)  
([hj26@columbia.edu](mailto:hj26@columbia.edu))

**Executive Committee on Undergraduate Creative Writing:**  
Prof. Timothy Donnelly, Poetry Division Chair, 415 Dodge;  
212-854-4391; [td28@columbia.edu](mailto:td28@columbia.edu)  
Prof. Margo Jefferson, Nonfiction, 609 Kent; 212-854-3774;  
[mlj4@columbia.edu](mailto:mlj4@columbia.edu)  
Prof. Heidi Julavits, Fiction, 609 Kent; 212-854-3774;  
[hj26@columbia.edu](mailto:hj26@columbia.edu)  
Prof. Dorothea Lasky, Poetry, 609 Kent; 212-854-3774;  
[dsl2121@columbia.edu](mailto:dsl2121@columbia.edu)  
Prof. Sam Lipsyte, Fiction, (Chair), 415 Dodge; 212-854-4391;  
[sam.lipsyte@columbia.edu](mailto:sam.lipsyte@columbia.edu)  
Prof. Alan Ziegler, Fiction, 415 Dodge; 212-854-4391;  
[az8@columbia.edu](mailto: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>.

### 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

### ADJUNCT PROFESSORS

Julie Buntin  
Jon Cotner  
Alexander Dimitrov  
Anaïs Duplan  
Joseph Fasano  
Bret Gladstone  
Emily Gould  
Christine Shan Shan Hou  
Elianna Kan  
Jordan Kisner  
Marie Myung-Ok Lee  
Eugene Lim  
Catherine McKinley  
Vi Khi Nao  
Tracy O'Neill  
Dawn Raffel  
John Vincler  
Kate Zambreno

### GRADUATE FACULTY FELLOWS

Shoshana Akabas  
Philip Anderson  
Daphne Andreades  
Claire Carusillo  
Tiffany Davis  
Gabriela Garcia  
Brandan Griffin  
Jarrod Harrison  
William Harrison Hill  
Brian Huselton  
Cyree Johnson  
Corinne Lestch  
Lukas Novak  
Laura Palmer  
Heather Radke  
Hannah Risinger

### 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 2018: WRIT UN1100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100	001/10141	T 12:10pm - 2:00pm 511 Kent Hall	Philip Anderson	3	9/15
WRIT 1100	002/61276	W 2:10pm - 4:00pm 511 Kent Hall	Claire Carusillo	3	10/15
WRIT 1100	003/11505	Th 12:10pm - 2:00pm 511 Kent Hall	Jarrod Harrison	3	14/15
WRIT 1100	004/70140	Th 2:10pm - 4:00pm 511 Kent Hall	Brian Huselton	3	14/15

**Spring 2019: WRIT UN1100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100	001/23719	Th 4:10pm - 6:00pm 511 Kent Hall	Shoshana Akabas	3	14/15
WRIT 1100	002/67563	M 2:10pm - 4:00pm 511 Kent Hall	Daphne Andreades	3	13/15
WRIT 1100	003/77213	W 10:10am - 12:00pm 511 Kent Hall	Corinne Lestch	3	13/15
WRIT 1100	004/61651	T 6:10pm - 8:00pm 511 Kent Hall	Lukas Novak	3	14/15

**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 2018: WRIT UN2100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100	001/26090	T 6:10pm - 8:00pm 511 Kent Hall	Diane Cook	3	13/15
WRIT 2100	002/71422	M 4:10pm - 6:00pm 511 Kent Hall	Christopher Bollen	3	15/15

**Spring 2019: WRIT UN2100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100	001/14589	Th 2:10pm - 4:00pm 511 Kent Hall	Emily Gould	3	13/15
WRIT 2100	002/63693	T 12:10pm - 2:00pm 511 Kent Hall	Therese O'Neill	3	12/15

**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 2018: WRIT UN3100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100	001/76682	T 2:10pm - 4:00pm Room TBA	Halle Butler	3	9/15
WRIT 3100	002/17044	Th 4:10pm - 6:00pm 511 Kent Hall	Ben Metcalf	3	15/15

**Spring 2019: WRIT UN3100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100	001/70800	W 4:10pm - 6:00pm 101 Knox Hall	Bret Gladstone	3	12/15
WRIT 3100	002/29424	W 2:10pm - 4:00pm 511 Kent Hall	Marie Lee	3	12/15

**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 2018: WRIT UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101	001/29839	M 12:10pm - 2:00pm 511 Kent Hall	Victor Lavalley	4	12/12

**Spring 2019: WRIT UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101	001/15403	W 6:10pm - 8:00pm 502 Northwest Corner	Vi Khi Nao	4	10/12

## 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 2018: WRIT UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2110	001/17641	M 2:10pm - 4:00pm 511 Kent Hall	Hermione Buckland-Hoby	3	15/15

### WRIT UN3113 Fiction Seminar: Voices from the Edge. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

What does it mean to be marginalized? Does it simply mean that white folks or men or heterosexuals or Americans don't listen to you very much? This is a reductive way of thinking that limits both minorities and majorities. In this seminar we'll read work that challenges our received notions about "the edge" and who's in it. We'll read with an eye toward issues of race, class, gender, and sexuality but we'll also think about marginalization in terms of genre, geography, and even personal politics. Our goal won't be to categorize and quantify hardships, but to appreciate some great--though overlooked--writing. And, finally, to try and understand how these talented artists wrote well. During the semester students will write short fiction inspired by the work they read and the craft issues discussed in class.

#### Spring 2019: WRIT UN3113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3113 001/27336

Th 12:10pm -  
2:00pm  
511 Kent Hall

Anelise Chen 3 14/15

### 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 2019: WRIT UN3115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3115	001/65849	M 6:10pm - 8:00pm 502 Northwest Corner	Eugene Lim	3	14/15

### WRIT UN3117 Fiction Seminar: The Here & Now. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

In this course, we will read a wide variety of short fiction that concerns itself with the clarification and magnification of particular moments of being. An emphasis will be placed on how these writers notice things that others might overlook-- the small, the peculiar, the unexpected-- and then how they transform these seemingly modest things with the force of their attention. Our goal will be to proceed through these stories at the level of the sentence. Why this quiet pulling back? Much of our discussion will center on why a specific (and at times mysterious-seeming) choice has been made by an author. But we will also from time to time broaden our focus to encompass larger philosophical concerns that are triggered by these questions of craft. We will talk about the science of attention, false and true lyricism, "the discipline of rightness" (as Wallace Stevens once described it) and why it is that feeling so often precedes form. We will not spend very much time exploring the thematic concerns of these stories. Nor will we speak in great detail about whether we find contained within them sympathetic or unsympathetic characters. Instead, the aim of this class will be to analyze the formal elements of fiction with an eye towards refining our own prose styles and towards saying more clearly how it happened that a given text did or did not move us.

**Fall 2018: WRIT UN3117**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3117	001/10431	T 10:10am - 12:00pm 511 Kent Hall	Lynn Strong	3	14/15

**WRIT UN3119 Fiction Seminar What Happened Was: Approaches to Plot & Dramatic Structure. 3 points.**

Prerequisites: No prerequisites. Department approval NOT required.

Typically the word "plot" produces either anxiety in writers or a sense of overconfidence. Must a story or a novel have one? When is a plot *a plot* and not just a series of random events, connected by too much willfulness on the part of the author? How much should coincidence come to bear when designing a plot? Should an overreliance on plot deem a work to be classified as "genre writing" rather than a work of literature? And how, within this context, does one understand F. Scott Fitzgerald's famous claim that "character is plot, plot is character"? This class will attempt to answer these questions by examining the mechanics of plot, and how a machine can become an art form. The syllabus will include a variety of fictional works ranging from the murder mystery to the so-called plotless novel. In-class discussions and writing assignments will focus on the strategies these different novels and stories deploy as a way to understand structure, sustain dramatic irony, and make use of dramatic tension. Readings may also include essays on plot by writers such as E.M. Forster, Elizabeth Bowen, Milan Kundera, and Charles Baxter, among others.

**Fall 2018: WRIT UN3119**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3119	001/73020	Th 2:10pm - 4:00pm 201a Philosophy Hall	Anelise Chen	3	11/15

**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 2018: WRIT UN3120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3120	001/92746	T 6:10pm - 8:00pm 411 Kent Hall	Mitchell Jackson	3	17/15
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**WRIT UN3121 Fiction Seminar: How To Build A Person. 3 points.**

Prerequisites: No prerequisites. Departmental approval NOT required.

Character is something that good fiction supposedly cannot do without. But what is a character, and what constitutes a supposedly good or believable one? Should characters be like people we know, and if so, how exactly do we create written versions of people? This class will examine characters in all sorts of writing, historical and contemporary, with an eye toward understanding just how characters are created in fiction, and how they come to seem real to us. We'll read stories and novels; we may also look at essays and biographical writing to analyze where the traces of personhood reside. We'll also explore the way in which these same techniques of writing allow us to personify entities that lack traditional personhood, such as animals, computers, and other nonhuman characters. Does personhood precede narrative, or is it something we bestow on others by allowing them to tell their story or by telling a story of our own creation on their behalf? Weekly critical and creative exercises will intersect with and expand on the readings and discussions.

**Spring 2019: WRIT UN3121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3121	001/67647	M 6:10pm - 8:00pm 511 Kent Hall	Juliane Buntin	3	15/15

**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 Dinsén, David Foster Wallace, Clarice Lispector, and Paul West.



**Spring 2019: WRIT UN3123**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3123	001/66126	M 4:10pm - 6:00pm 511 Kent Hall	Ben Metcalf	3	21/15

**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 2018: WRIT UN1200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/75751	T 4:10pm - 6:00pm 511 Kent Hall	Laura Palmer	3	6/15
WRIT 1200	002/74046	W 4:10pm - 6:00pm 511 Kent Hall	Heather Radke	3	13/15

**Spring 2019: WRIT UN1200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/26774	W 4:10pm - 6:00pm 511 Kent Hall	Tiffany Davis	3	10/15
WRIT 1200	002/16713	T 10:10am - 12:00pm 511 Kent Hall	William Hill	3	11/15

**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 2018: WRIT UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/68951	W 10:10am - 12:00pm 511 Kent Hall	Sarah Broom	3	10/15

**Spring 2019: WRIT UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/17147	T 4:10pm - 6:00pm 610 Lewisohn Hall	John Vincler	3	15/15

**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 2018: WRIT UN3200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3200	001/75341	W 12:10pm - 2:00pm 253 Engineering Terrace	Kate Zambreno	3	9/15

**WRIT UN3201 Senior 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>. tba

**Spring 2019: WRIT UN3201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3201	001/20054	W 12:10pm - 2:00pm 507 Philosophy Hall	Catherine McKinley	3	5/12

**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 2018: WRIT UN2211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2211	001/27034	M 6:10pm - 8:00pm	Mark Rozzo	3	13/15

501 International  
Affairs Bldg

### **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 2018: WRIT UN3210**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3210	001/74275	T 2:10pm - 4:00pm 511 Kent Hall	Margo Jefferson	3	14/15

### **WRIT UN3214 Hybrid Nonfiction Forms. 3 points.**

Prerequisites: No prerequisites. Department approval NOT required.

Creative nonfiction is a frustratingly vague term. How do we give it real literary meaning; examine its compositional aims and techniques, its achievements and especially its aspirations? This course will focus on works that we might call visionary - works that combine art forms, genres and styles in striking ways. Works in which image and text combine to create a third interactive language for the reader. Works still termed "fiction" "history" or "journalism" that join fact and fiction to interrogate their uses and implications. Certain memoirs that are deliberately anti-autobiographical, turning from personal narrative to the sounds, sight, impressions and ideas of the writer's milieu. Certain essays that join personal reflection to arts and cultural criticism, drawing on research and imagination, the vernacular and the formal, even prose and poetry. The assemblage or collage that, created from notebook entries, lists, quotations, footnotes and indexes achieves

its coherence through fragments and associations, found and original texts.

#### **Spring 2019: WRIT UN3214**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3214	001/16600	T 2:10pm - 4:00pm 511 Kent Hall	Margo Jefferson	3	12/15

### **WRIT UN3215 Nonfiction Seminar: Learning to See: Writing The Visual. 3 points.**

Prerequisites: No prerequisites. Department approval NOT required.

It was through seriously meditating on the paintings and sculptures of Cezanne and Rodin that Rilke learned to see (as he phrased it) and radicalized his literary vision. In this seminar, we will look seriously at the object, and think through the forms, processes, and lives of artists as models and inspiration for our own nonfiction pieces. The writers we will be reading play with genre, style, form, and voice in innovative ways, like the art and artists they are writing to, occasionally using images in their texts or turning their own books and essays into art objects and playful experiments. An indefinite list of these writers: W.G. Sebald, Claudia Rankine, Janet Malcolm, Douglas Martin, Roland Barthes, Hervé Guibert, Anne Carson, Sophie Calle, T. Fleischmann, Chris Kraus, Tisa Bryant, Bruce Hainley, Susan Sontag, Bhanu Kapil, Lisa Robertson, Ariana Reines, Wayne Koestenbaum, Theresa Hak Kyung Cha, and others. The class aims to stimulate and inspire your own practice through reading and seeing, critically and ecstatically. You will write midterm and final critical responses, as well as submit creative texts every week that respond to the reading, culminating in a final literary work that will be an extension of one of your shorter imitative pieces.

#### **Spring 2019: WRIT UN3215**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3215	001/22026	M 2:10pm - 4:00pm 412 Pupin Laboratories	Kate Zambreno	3	15/15

### **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 6<sup>th</sup> 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.

#### Fall 2018: WRIT UN3219

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3219	001/80796	W 4:10pm - 6:00pm 502 Northwest Corner	John Vincler	3	10/15

### WRIT UN3220 STYLE AS CHARACTER: WRITING

#### ABOUT PEOPLE. *3 points.*

Not offered during 2018-19 academic year.

In this class, we will consider the art and ethics of writing about other people when that writing falls under the category of “nonfiction.” A good portion of the class will focus on *how* to capture people on the page in a way that feels true and satisfying. We’ll study profiles, oral history, personal essay, memoir, podcast and audio storytelling, experimental prose— with the goal of building an arsenal of techniques for observation, description, research, interviewing and character development.

Just as importantly, we’ll examine the way these aesthetic concerns interact with moral and ethical concerns. What are you doing when you observe someone with the intention of writing them? How can you know what you know about another person? How can (or should) you position your ways-of-knowing within writing? What do you owe a real person about whom you’re writing, and does that change when you have a personal relationship to them? When you’re related to them? When they’re no longer living? Do you owe anything to a character you’ve made up? These questions are theoretical but also practical. In this class, you’ll build a body of work that addresses these concerns and also adds to the body of knowledge surrounding the nonfiction genre.

#### Spring 2019: WRIT UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3220	001/69269	W 2:10pm - 4:00pm 212a Lewisohn Hall	Jordan Kisner	3	15/15

## 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 2018: WRIT UN1300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 1300	001/63498	M 6:10pm - 8:00pm 511 Kent Hall	Gabriela Garcia	3	13/15
WRIT 1300	002/64097	W 6:10pm - 8:00pm 511 Kent Hall	Cyre Johnson	3	12/15

#### Spring 2019: WRIT UN1300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1300	001/68097	Th 4:10pm - 6:00pm 201 80 Claremont	Brandon Griffin	3	14/15
WRIT 1300	002/10702	W 6:10pm - 8:00pm 511 Kent Hall	Hannah Risinger	3	14/15

### 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 2018: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2300	001/64195	W 7:10pm - 9:00pm 407 Dodge Building	Anais Duplan	3	11/15

#### Spring 2019: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2300	001/63658	T 2:10pm - 4:00pm 337 Seeley W. Mudd Building	Alexander Dimitrov	3	15/15

### 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 2018: WRIT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3300 001/74942 Th 10:10am - 12:00pm Shane McCrae 3 10/15  
511 Kent Hall

### 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 2019: WRIT UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3301	001/60646	W 7:10pm - 9:00pm 407 Dodge Building Duplan	Anais	4	12/12

## POETRY SEMINARS

### WRIT UN2310 Poetry Seminar: Approaches to Poetry. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

One advantage of writing poetry within a rich and crowded literary tradition is that there are many poetic tools available out there, stranded where their last practitioners dropped them, some of them perhaps clichéd and overused, yet others all but forgotten or ignored. In this class, students will isolate, describe, analyze, and put to use these many tools, while attempting to refurbish and contemporize them for the new century. Students can expect to imitate and/or subvert various poetic styles, voices, and forms, to invent their own poetic forms and rules, to think in terms of not only specific poetic forms and metrics, but of overall poetic architecture (lineation and diction, repetition and surprise, irony and sincerity, rhyme and soundscape), and finally, to leave those traditions behind and learn to strike out in their own direction, to write -- as poet Frank O'Hara said -- on their own nerve.

#### Spring 2019: WRIT UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2310	001/66536	W 12:10pm - 2:00pm 511 Kent Hall	Christine Hou	3	11/15

### WRIT UN2311 Poetry Seminar: Traditions in Poetry. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Lyric poetry in contemporary practice continues to draw upon and modify its ancient sources, as well as Renaissance, Romantic and Modernist traditions. In this seminar, we will explore the creation of the voice of the poem, the wild lyrical I, through closely reading female poets from antiquity to present day,

beginning with Anne Carson's translations of Sappho, *If Not Winter*, all the way up to present avatars and noted syllists such as Mary Jo Bang (*Elegy*), Traci K. Smith (*Life on Mars*), Bernadette Mayer (*New Directions Reader*), Eileen Myles (*Not Me*), Maggie Nelson (*Bluets*) and others. The identity of the poetic speaker remains with inescapable ties to memory and experience as one mode of the lyric, and with the dramatic toposes of mask and persona as another. Students will be asked to hear a range of current and classic women poets deploying, constructing and annihilating the self: the sonnets of Queen Elizabeth and the American beginnings of Anne Bradstreet; the emergence in the 19th century of iconic and radicalizing female presences: Emily Bronte, Emily Dickinson, Christina Rossetti, Elizabeth Barrett Browning; and the predominance of 20th century masters who re-invented the English-language lyric as much as they inherited: Louise Bogan, Gwendolyn Brooks, H.D., Marianne Moore, Edna St. Vincent Millay, Laura Riding, and Gertrude Stein. As background, students will read prose works (epistolary, writing, journals and diaries, classic essays as well as prose poetry), which may contextualize women's desire and its reception in public and private space: the religious mysticism of Sor Juana Inés de la Cruz, Lady Mary Wortley Montagu, Dorothy Wordsworth's journals, Emily Dickinson's letters, and Virginia Woolf's criticism and novels. Students will be expected to keep their own reading diary or write letters in response to class readings, as well as select a classic and contemporary female poet for semester-long research.

Additional course handouts will be organized by particular groupings of interest to our study of desire & identity, voice & witness: Confessional poetry (Sylvia Plath and Anne Sexton), Cave Canem poets (Harryette Mullen and Natasha Tretheway), New York School (Alice Notley and Hannah Weiner), as well as additional contemporary poets (Lyn Melnick and Matthea Harvey).

### 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 great 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.



**Fall 2018: WRIT UN3315**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3315	001/18597	T 12:10pm - 2:00pm 302 Fayerweather	Joseph Fasano	3	14/15

**WRIT UN3319 POETICS OF PLACE: AMERICAN LANDSCAPES, VOICES, AND INHERITANCE. 3 points.**

When the American Poet Larry Levis left his home in California's San Joaquin Valley, "all [he] needed to do," he wrote, "was to describe [home] exactly as it had been. That [he] could not do, for that [is] impossible. And that is where poetry might begin."

This course will consider how place shapes a poet's self and work. Together we will consider a diverse range of poets and the places they write out of and into: from Philip Levine's Detroit to Whitman's Manhattan, from Robert Lowell's New England to James Wright's Ohio, from the Kentucky of Joe Bolton and Crystal Wilkinson to the California of Robin Blaser and Allen Ginsberg, from the Ozarks of Frank Stanford to the New Jersey of Amiri Baraka, from the Pacific Northwest of Robinson Jeffers to the Alaska of Mary Tallmountain. We will consider the debate between T. S. Eliot and William Carlos Williams about global versus local approaches to the poem, and together we will ask complex questions: Why is it, for example, that Jack Gilbert finds his Pittsburgh when he leaves it, while Gerald Stern finds his Pittsburgh when he keeps it close? Does something sing because you leave it or because you hold it close? Do you come to a place to find where you belong in it? Do you leave a place to find where it belongs in you? As Carolyn Kizer writes in "Running Away from Home," "It's never over, old church of our claustrophobia!"

And of course home can give us the first freedom of wanting to leave, the first prison and freedom of want. In our reflections on each "place," we will reflect on its varied histories, its native peoples, and its inheritance of violent conquest.

Our syllabus will consist, in addition to poems, of manifestos and prose writings about place, from Richard Hugo's "Triggering Town" to Sandra Beasley's "Prioritizing Place." You will be encouraged to think about everything from dialect to economics, from collectivism to individualism in poems that root themselves in particular places, and you will be encouraged to consider how those poems "transcend" their origins. You will write response papers, analytical papers, and creative pieces, and you will complete a final project that reflects on your own relationship to place.

**Spring 2019: WRIT UN3319**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3319	001/96247	T 12:10pm - 2:00pm 201a Philosophy Hall	Joseph Fasano	3	13/15

**CROSS GENRE SEMINARS****WRIT UN3010 Cross Genre Seminar: Short Prose Forms. 3 points.**

Note: This seminar has a workshop component.

Prerequisites: No Prerequisites. Department approval NOT required.

"Flash fiction," "micro-narratives" and the "short-short" have become exciting areas of exploration for contemporary writers.

This course will examine how these literary fragments have captured the imagination of writers internationally and at home. The larger question the class seeks to answer, both on a collective and individual level, is: How can we craft a working definition of those elements endemic to "short prose" as a genre? Does the form exceed classification? What aspects of both crafts -- prose and poetry -- does this genre inhabit, expand upon, reinvent, reject, subvert? Short Prose Forms incorporates aspects of both literary seminar and the creative workshop. Class-time will be devoted alternately to examinations of published pieces and modified discussions of student work. Our reading chart the course from the genre's emergence, examining the prose poem in 19th-century France through the works of Mallarme, Baudelaire, Max Jacob and Rimbaud. We'll examine aspects of poetry -- the attention to the lyrical, the use of compression, musicality, sonic resonances and wit -- and attempt to understand how these writers took, as Russell Edson describes, "experience [and] made it into an artifact with the logic of a dream." The class will conclude with a portfolio at the end of the term, in which students will submit a compendium of final drafts of three of four short prose pieces, samples of several exercises, selected responses to readings, and a short personal manifesto on the "short prose form."

**Spring 2019: WRIT UN3010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3010	001/69043	Th 6:10pm - 8:00pm 511 Kent Hall	Dawn Raffel	3	7/15

**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.

**Spring 2019: WRIT UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3011	001/65441	T 4:10pm - 6:00pm 511 Kent Hall	Elianna Kan	3	14/15

**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 workshopped.

**Fall 2018: WRIT UN3014**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3014	001/11461	Th 6:10pm - 8:00pm 511 Kent Hall	Alan Ziegler	3	14/15

**WRIT UN3015 Daily Life. 3 points.**

Prerequisites: No prerequisites. Department approval NOT required.

In his poem *A Few Days*, James Schuyler reflects "A few days / are all we have. So count them as they pass. They pass too quickly / out of breath." Before we know it, as Schuyler says, "Today is tomorrow." This course will encourage us to slow down time and document today while it is still today. One of the course's main points is to pursue the ordinary, and to recognize that the ordinary -- whether presented as poems, essays, stories, fragments, etc. -- can become art. Assignments will provide broad examples of how to portray dailiness. Each week you will write a short piece (1-3 pages) that responds to these assignments while engaging your own daily life. The form is open. You could, for example, write a poem or story with a brief critical preface, or you could compose an essay that explores formal and/or thematic qualities.

You can also create multimedia work. The important thing is to treat the materials we will read as springboards into your own artistic practice.

**Spring 2019: WRIT UN3015**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3015	001/74066	M 12:10pm - 2:00pm 511 Kent Hall	John Cotner	3	17/15

**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 flanerier, 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 2018: WRIT UN3016**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3016	001/27326	W 12:10pm - 2:00pm 511 Kent Hall	John Cotner	3	15/15

**WRIT GU4015 Women of the World. 3 points.**

Ten years ago, the secretary of the Nobel Prize for Literature jury criticized the United States as being "too isolated, too insular," saying we "don't translate enough and don't really participate in the big dialogue of literature." This course is designed to imagine what the "big dialogue" of international writing looks like in 2018 by examining some of the most widely discussed and prize-winning international books by women to come out in English over the past several years. We'll look for common conversational threads among these works (friendship, estrangement, and exile in particular), but will be reading above all for what we can learn from the artistry of each of these celebrated authors. We'll also be investigating their reception in the U.S., asking what happens when works are imported into a new cultural context and new set of conversations, including the debates surrounding the translations of several of these works. Open to juniors and seniors by permission of the instructor - email Prof. Susan Bernofsky (sb3270@columbia.edu) a writing sample (in any genre) and a note explaining your interest in the course material.

**Fall 2018: WRIT GU4015**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 4015	001/83442	W 2:10pm - 4:00pm 403 Dodge Building	Susan Bernofsky	3	15/15

**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 2018: WRIT GU4310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 4310	001/20508	W 10:10am - 12:00pm 411 Dodge Building	Deborah Paredes	3	15/15

# 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.

The Department of Dance is fully accredited and in good standing with the National Association of Schools of Dance.

### Student Learning Outcomes for the Major and Concentration

Students graduating with a major in Dance should be able to attain the following outcomes:

- Apply critical thinking, reading, and writing skills to dance-related texts and choreography.
- Develop the knowledge and research skills to explore the dance past in writing, orally, and in performance.
- Present interpretations of dance-related texts orally, in writing, and in performance.
- Apply library, archival, and internet research skills to dance scholarship and choreography.
- Demonstrate improved efficiency and expressivity in dance technique.
- Demonstrate growing technical understanding and fluency in dance technique.
- Create original dances, dance/theater works or dance-based, mixed media works.

- Collaborate with an artist in the creation of original dance works.
- Participate in the creative process through the creation and interpretation of choreography.
- Apply interdisciplinary research methods to dance scholarship and choreography.
- Apply historical research methods to dance scholarship and choreography.
- Demonstrate conceptual and methodological approaches for studying world dance forms through research and writing.
- Demonstrate the ability to understand cultural and historical texts in relation to dance forms.
- Apply anatomical knowledge to movement and movement concepts.
- Evaluate the theoretical and artistic work of peers.
- Communicate with an audience in oral presentations and dance performance.
- Understand and interpret the language and form of an artist's choreography.
- Solve technical problems in dance movement.
- Apply musical knowledge to movement and choreography.
- Design choreographic movement and structures.

### Dance Technique Courses

Level I courses, except for global and somatic courses, have no prerequisite and students receive a Pass/Fail grade. All other courses must be taken for a letter grade and require a placement audition (held at the first meeting of classes) or the permission of the instructor. These courses may be taken to fulfill the physical education requirement.

#### Ballet

Technique of classical ballet emphasizing proper alignment and graduated study of its vocabulary. Artistry of articulation, phrasing, dynamics, and nuance in the broad range of classical materials are addressed at each level.

#### Modern

The study of contemporary dance based on the work of the 20th and 21st century innovators. Aesthetic principles of modern dance will be taught with increased technical demands required at each successive level.

#### Global and Somatic Forms

The study of dance forms including classical Spanish, Jazz, Tap, West African, Afro-Cuban, and Indian.

**Chair & Associate Professor:** Paul A. Scolieri

**Associate Professor of Professional Practice:** Colleen Thomas-Young

**Term Associate Professor of Professional Practice:** Marjorie Folkman



**Assistant Professor:** Seth Williams

**Assistant Professor of Professional Practice:** Gabri Christa

**Senior Associate:** Katie Glasner

**Adjunct Faculty:** Cynthia Anderson, Jennifer Archibald, Rebecca Bliss, Siobhan Burke, Maguette Camara, Antonio Carmena, Mary Carpenter, Uttara Coolawala, Caroline Fermin, Allegra Kent, Katiti King, Melinda Marquez, Vincent Mc Closkey, Jodi Melnick, Margaret Morrison, Brian Reeder, Leigh Schanfein, Kathryn Sullivan, Caitlin Trainor, Ashley Tuttle, Andrea Weber, Mimi Yin

**Artists in Residence (Spring 2019):** Rosane Chameki and Andrea Lerner, Neta Pulvermacher, Yin Yue

**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 BC2561		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	Composition: Form, Dance/Theater	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:

DNCE BC3592	Senior Project: Research for Dance	4
DNCE BC3593	Senior Project: Repertory for Dance	3

Students who are double majors may request permission to write a two-semester combined thesis.

### Electives

Five additional 3- or 4-point courses, chosen in consultation with the major advisor, are required. Electives may be chosen from among the departmental offerings listed above or below, including additional coursework in Composition, Movement Science, and/or Senior Work beyond the major requirement.

#### History/Criticism:

DNCE BC2570	Dance in New York City
DNCE BC2575	Choreography for the American Musical
DNCE BC2580	Tap as an American Art Form
DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography
DNCE BC3200	Dance in Film
DNCE BC3567	Dance of India
DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion
DNCE BC3575	George Balanchine and the Reinvention of Modern Ballet
DNCE BC3576	Dance Criticism
DNCE BC3577	Performing the Political: Embodying Change in American Performance
DNCE BC3578	Traditions of African-American Dance
DNCE BC3580	History of Social Dancing: Dance Craze from the Waltz to Flash Mobs
DNCE BC3583	Gender and Historical Memory in American Dance of the 1930's to the Early 1960's
DNCE BC3980	Performing the Political: Embodying Change in American Performance
DNCE BC3981	Inventing American Modern Dance: Ruth St. Denis and Ted Shawn
DNCE BC3982	Diaghilev's Ballets Russes and Its World

#### Studio/Performance:

DNCE BC2555	Ensemble Dance Repertory (Modern Dance)
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DNCE BC2556	Ensemble Dance Repertory: Ballet
DNCE BC2557	Evolution of Spanish Dance Style
DNCE BC2558	Tap Ensemble
DNCE BC2567	Music for Dance
DNCE BC3571	Solo Repertory: Performance Styles
DNCE BC3601 - DNCE BC3604	Rehearsal and Performance in Dance and Rehearsal and Performance in Dance

## Overview of Major Requirements (11 total, plus 8 technique courses)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 5 Electives
- 8 Technique Courses

## MAJOR IN DANCE (FOR STUDENTS DECLARING A MAJOR BEFORE FALL 2011)

Majors must fulfill an eleven-course requirement, including the DNCE BC3591 Senior Seminar in Dance and either Senior Project: Research in Dance (DNCE BC3592 Senior Project: Research for Dance) or DNCE BC3593 Senior Project: Repertory for Dance, in addition to taking a minimum of eight 1-point technique courses.

To fulfill the distribution requirements, one course must be taken in each of the following four areas:

### Movement Science

DNCE BC2501	Biomechanics for the Dancer: Theory and Practice	3
DNCE BC2561		3
DNCE BC2562	Movement Analysis	3

### Composition

DNCE BC3566	Composition: Site Specific and Experimental Methods	3
DNCE BC2563	Composition: Form, Dance/Theater	3
DNCE BC2564	Dance Composition: Content	3
DNCE BC3565	Composition: Collaboration and the Creative Process	3

### History

DNCE BC2565	World Dance History	3
DNCE BC3001	Western Theatrical Dance from the Renaissance to the 1960s	3

### Writing

DNCE BC2570	Dance in New York City	3
DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion	3

DNCE BC3574	Inventing the Contemporary: Dance Since the 1960s	3
DNCE BC3576	Dance Criticism	3
DNCE BC3577	Performing the Political: Embodying Change in American Performance	3

### Electives

In consultation with the major advisor, an additional five courses should be chosen from the courses listed above or below:

#### History/Criticism:

DNCE BC2575	Choreography for the American Musical
DNCE BC2580	Tap as an American Art Form
DNCE BC3000	From 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 2018: DNCE BC1135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1135	001/01157	M W 9:00am - 10:00am Room TBA	Mary Carpenter	1	25/35
DNCE 1135	002/06272	T Th 1:10pm - 2:25pm 305 Barnard Hall	Kate Glasner	1	24/35
DNCE 1135	003/05885	F 12:30pm - 2:30pm 11 Barnard Hall	Allegra Kent	1	17/24

### DNCE BC1136 Ballet, I: Beginning. *1 point.*

#### Spring 2019: DNCE BC1136

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1136	001/04152	M W 9:00am - 10:00am 11 Barnard Hall	Mary Carpenter	1	28/35
DNCE 1136	002/02732	F 12:30pm - 2:30pm 11 Barnard Hall	Allegra Kent	1	25/24
DNCE 1136	003/01166	T Th 10:10am - 11:25am 110 Barnard Hall	Kate Glasner	1	19/20

### DNCE BC1137 Ballet, II: Advanced Beginning. *1 point.*

#### Fall 2018: DNCE BC1137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1137	001/07379	M W 10:10am - 11:25am Room TBA	Mary Carpenter	1	14/26
DNCE 1137	002/07486	T Th 2:40pm - 3:55pm Room TBA	Kathryn Sullivan	1	16/25

### DNCE BC1138 Ballet, II: Advanced Beginning. *1 point.*

#### Spring 2019: DNCE BC1138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1138	001/09385	M W 10:10am - 11:25am 110 Barnard Hall	Mary Carpenter	1	15/22
DNCE 1138	002/04830	T Th 2:40pm - 3:55pm 11 Barnard Hall	Kathryn Sullivan	1	17

### DNCE BC1247 Jazz, I: Beginning. *1 point.*

Prerequisites: BC1137, BC1138, BC1332, or BC1333.

Intermediate level in modern or ballet technique is required.

#### Fall 2018: DNCE BC1247

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1247	001/08164	T Th 11:40am - 12:55pm 306 Barnard Hall	Katiti King	1	13/15

### 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 2018: DNCE BC1330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1330	001/06834	M W 9:00am - 10:00am Room TBA	Vincent McCloskey	1	22/35
DNCE 1330	002/06137	T Th 9:00am - 10:00am 305 Barnard Hall	Caitlin Trainor	1	38/50
DNCE 1330	003/05002	T Th 2:40pm - 3:55pm Room TBA	Caitlin Trainor	1	35/50

### DNCE BC1331 Modern, I: Beginning Modern Dance. *1 point.*

Open to all beginning dancers.

#### Spring 2019: DNCE BC1331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1331	001/09741	M W 9:00am - 10:00am 305 Barnard Hall	Vincent McCloskey	1	24/35
DNCE 1331	002/07309	T Th 9:00am - 10:00am 305 Barnard Hall	Caitlin Trainor	1	42/50

### **DNCE BC1332 Modern, II: Advanced Beginning Modern Dance. 1 point.**

Fall 2018: DNCE BC1332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1332	001/04577	M W 4:10pm - 5:25pm 11 Barnard Hall	Caroline Fermin	1	22/25
DNCE 1332	002/07713	T Th 11:40am - 12:55pm 305 Barnard Hall	Caitlin Trainor	1	20/50

### **DNCE BC1333 Modern, II: Advanced Beginning Modern Dance. 1 point.**

Spring 2019: DNCE BC1333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1333	001/03372	M W 1:10pm - 2:25pm 11 Barnard Hall	Caroline Fermin	1	29
DNCE 1333	002/06540	T Th 11:40am - 12:55pm 305 Barnard Hall	Caitlin Trainor	1	30/50

### **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 2018: DNCE BC1446

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1446	001/01332	M W 1:10pm - 2:25pm Room TBA	Margaret Morrison	1	16/30

### **DNCE BC2137 Ballet, III: Intermediate. 1 point.**

Fall 2018: DNCE BC2137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2137	001/01283	T Th 1:10pm - 2:25pm 11 Barnard Hall	Kathryn Sullivan	1	21/35

### **DNCE BC2138 Ballet, III: Intermediate. 1 point.**

Spring 2019: DNCE BC2138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2138	001/05676	T Th 1:10pm - 2:25pm 11 Barnard Hall	Kathryn Sullivan	1	19
DNCE 2138	002/06121	M W 11:40am - 12:55pm 110 Barnard Hall	Cynthia Anderson	1	17

### **DNCE BC2139 Ballet, IV: High Intermediate. 1 point.**

Fall 2018: DNCE BC2139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2139	001/03629	T Th 4:10pm - 5:25pm	Marjorie Folkman	1	28/37

Room TBA

DNCE 2139	002/02978	F 9:30am - 11:30am Room TBA	Ashley Tuttle	1	20/30
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### **DNCE BC2140 Ballet, IV: High Intermediate. 1 point.**

Spring 2019: DNCE BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2140	001/09308	M W 4:10pm - 5:25pm 305 Barnard Hall	Marjorie Folkman	1	34/38
DNCE 2140	002/03613	F 9:30am - 11:30am 305 Barnard Hall	Ashley Tuttle	1	24

### **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 2018: DNCE BC2143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2143	001/05943	M W 11:40am - 12:55pm 110 Barnard Hall Annex	Cynthia Anderson	1	7/15

### **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 2018: DNCE BC2250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2250	001/01472	M W 11:40am - 12:55pm 305 Barnard Hall	Jennifer Archibald	1	13/30

Spring 2019: DNCE BC2250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2250	001/03718	M W 11:40am - 12:55pm 305 Barnard Hall	Jennifer Archibald	1	17/30

### **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 2018: DNCE BC2252**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/02678	T Th 9:30am - 10:30am Stu Dodge Fitness Center	Maguette Camara	1	22/30
DNCE 2252	002/03372	T Th 11:40am - 12:55pm 11 Barnard Hall	Maguette Camara	1	19/30

**Spring 2019: DNCE BC2252**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/02678	T Th 9:30am - 10:30am Stu Dodge Fitness Center	Maguette Camara	1	26/30
DNCE 2252	002/02154	T Th 11:40am - 12:55pm 11 Barnard Hall	Maguette Camara	1	25/30

**DNCE BC2253 African Dance II. 1 point.**

Prerequisites: DNCE BC2252 or permission of instructor.

**Fall 2018: DNCE BC2253**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/04932	T Th 10:30am - 11:30am Stu Dodge Fitness Center	Maguette Camara	1	7/15

**Spring 2019: DNCE BC2253**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/07648	T Th 10:30am - 11:30am Stu Dodge Fitness Center	Maguette Camara	1	5

**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 2018: DNCE BC2254**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2254	001/04299	M W 1:10pm - 2:25pm Room TBA	Uttara Coorlawala	1	11/15

**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 2018: DNCE BC2255**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/06208	F 3:00pm - 5:00pm 11 Barnard Hall	Rebecca Bliss	1	41/45

**Spring 2019: DNCE BC2255**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/00729	F 3:00pm - 5:00pm 11 Barnard Hall	Rebecca Bliss	1	36/45

**DNCE BC2332 Modern, III: Intermediate Modern Dance. 1 point.**

**Fall 2018: DNCE BC2332**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2332	001/06464	M W 10:10am - 11:25am Room TBA	Gabri Christa	1	21/25

**DNCE BC2333 Modern, III: Intermediate Modern Dance. 1 point.**

**Spring 2019: DNCE BC2333**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2333	001/01630	T Th 1:10pm - 2:25pm 305 Barnard Hall	Caitlin Trainor	1	18/50
DNCE 2333	003/03874	M W 10:10am - 11:25am 11 Barnard Hall	Gabri Christa	1	17

**DNCE BC2334 Modern, IV: High Intermediate Modern Dance. 1 point.**

**Fall 2018: DNCE BC2334**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2334	001/03016	M W 2:40pm - 3:55pm 305 Barnard Hall	Caroline Fermin	1	15/20
DNCE 2334	002/03827	F 12:30pm - 2:30pm 305 Barnard Hall	Jodi Melnick	1	26/30

**DNCE BC2335 Modern, IV: High Intermediate Modern Dance. 1 point.**

**Spring 2019: DNCE BC2335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2335	001/02707	M W 4:10pm - 5:25pm 11 Barnard Hall	Caroline Fermin	1	26
DNCE 2335	002/08245	F 12:30pm - 2:30pm 305 Barnard Hall	Caroline Fermin	1	24

**DNCE BC2447 Tap, II: Intermediate. 1 point.**

Prerequisites: DNCE BC1445, BC1446, or Permission of instructor.

**Spring 2019: DNCE BC2447**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2447	001/01934	M W 2:40pm - 3:55pm 110 Barnard Hall	Margaret Morrison	1	9

**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 2018: DNCE BC2452**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/08615	M W 12:00pm - 12:55pm 11 Barnard Hall	Mary Carpenter	1	27/32

**Spring 2019: DNCE BC2452**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/00564	M W 12:00pm - 12:55pm 11 Barnard Hall	Mary Carpenter	1	31/32

**DNCE BC2455 Feldenkrais for Dancers. 1 point.**

Prerequisites: Permission of instructor.

Develops sensory awareness of their individual neuromuscular patterns in this practical method of attaining optimal, efficient movement. Injury prevention/recovery, improved skill acquisition, and increased strength/coordination/flexibility all result from the discovery and release of habitual rigidities. Applicable to all dance styles and activities.

**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.

**Fall 2018: DNCE BC2501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2501	001/07225	M W 10:10am - 11:25am 325 Milbank Hall	Leigh Schanfein	3	11/15

**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 BC2557 Evolution of Spanish Dance Style. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

**Not offered during 2018-19 academic year.**

Study of Spanish dance and music from late-17th century to the present. Dance and music styles including castanet technique. Through historical documents, students will experience the cultural history of Spain.

**DNCE BC2558 Tap Ensemble. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Advanced or Intermediate level tap training and Permission of the Instructor.

A tap composition, improvisation, and performance class, for experienced tap dancers to develop skills in music, choreography, and creative rhythm-making.

**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 Composition: Form, Dance/Theater. 3 points.**

An exploration of choreography that employs text, song, vocal work, narrative and principles of artistic direction in solo and group contexts.

**Spring 2019: DNCE BC2563**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2563	001/08349	M W 2:40pm - 3:55pm 11 Barnard Hall	Gabri Christa	3	21/25

**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 2018: DNCE BC2564**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2564	001/03017	T Th 2:40pm - 3:55pm 11 Barnard Hall	Colleen Thomas	3	24/25

**DNCE BC2565 World Dance History. 3 points.**

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Investigates the multicultural perspectives of dance in major areas of culture, including African, Asian, Hispanic, Indian, Middle Eastern, as well as dance history of the Americas through reading, writing, viewing, and discussion of a wide range of resources. These include film, original documents, demonstration, and performance.

**Spring 2019: DNCE BC2565**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/06751	M W 2:40pm - 3:55pm 302 Barnard Hall	Paul Scolieri	3	46/45

**DNCE BC2567 Music for Dance. 3 points.**

**Not offered during 2018-19 academic year.**

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.

**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 2018: DNCE BC2570**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 302 Barnard Hall	Kate Glasner	3	27/30
DNCE 2570	002/04251	T Th 1:10pm - 2:25pm LL104 Diana Center	Marjorie Folkman	3	27/32

**Spring 2019: DNCE BC2570**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 409 Barnard Hall	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 2018-19 academic year.**

Prerequisites: Suggested DNCE BC2560, BC2566, BC2570. Explores the history and evolution of American Musical Theater dance, a uniquely American art form, with special focus on the period known as "The Golden Era." Analysis of the genre's most influential choreographers (including Balanchine, de Mille, Robbins), their systems, methodologies and fusion of high and low art on the commercial stages.

**DNCE BC2580 Tap as an American Art Form. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC1446 or equivalent experience. Studio/lecture format focuses on tap technique, repertory, improvisation, and the development of tap explored through American history, jazz music, films, videos, and biographies.

**DNCE 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

#### Spring 2019: DNCE BC3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3000	001/08523	M W 10:10am - 11:25am 409 Barnard Hall	Seth Williams	3	24/40

#### 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 2018: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/02201	T Th 11:40am - 12:55pm 409 Barnard Hall	Seth Williams	3	14/35

#### DNCE BC3009 Independent Study. 1-4 points.

#### DNCE BC3138 Ballet V: Intermediate Advanced. 1 point.

##### Fall 2018: DNCE BC3138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3138	001/02707	M W 1:10pm - 2:25pm 305 Barnard Hall	Brian Reeder	1	21/30
DNCE 3138	002/06101	T Th 8:40am - 9:55am 11 Barnard Hall	Antonio Carmena	1	24/28

#### DNCE BC3139 Ballet, V: Advanced. 1 point.

##### Spring 2019: DNCE BC3139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3139	001/03243	M W 1:10pm - 2:25pm 305 Barnard Hall	Brian Reeder	1	6
DNCE 3139	002/09826	T Th 8:40am - 9:55am 11 Barnard Hall	Antonio Carmena	1	26

#### DNCE BC3140 Ballet, VI: Advanced Ballet with Pointe. 1 point.

##### Fall 2018: DNCE BC3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3140	001/04089	M W 10:10am - 11:25am 305 Barnard Hall	Cynthia Anderson	1	16/30

#### DNCE BC3141 Ballet, VI: Advanced Ballet with Pointe. 1 point.

##### Spring 2019: DNCE BC3141

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3141	001/04476	M W 10:10am - 11:25am 305 Barnard Hall	Cynthia Anderson	1	17

#### DNCE BC3142 Classic Variations. 1 point.

##### Fall 2018: DNCE BC3142

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3142	001/04067	M W 5:40pm - 6:55pm Room TBA	Ashley Tuttle	1	6/10

#### DNCE BC3143 Classic Variations. 1 point.

##### Spring 2019: DNCE BC3143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3143	001/01169	M W 5:40pm - 6:55pm 110 Barnard Hall	Ashley Tuttle	1	6

#### DNCE BC3150 Advanced Studio: Ballet or Modern. 1 point.

Prerequisites: Permission of Department.

May be repeated for credit up to four times.

##### Fall 2018: DNCE BC3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3150	001/02590		Kate Glasner	1	3

##### Spring 2019: DNCE BC3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3150	001/03532		Kate Glasner	1	8

#### DNCE BC3200 Dance in Film. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC2570, DNCE BC3001, FILM W3001, FILM BC 3201, and permission of instructor. Survey of theatrical dance in the 20th century specific to film production. Five kinds of dance films will be examined: musicals, non-musicals, documentaries, film essays archival recordings and choreography made solely for the camera.

Survey of theatrical dance in the 20th century specific to film production. Five kinds of dance films will be examined: musicals, non-musicals, documentaries, film essays and pure dance recording.

#### DNCE BC3249 Jazz, III: Advanced Jazz Dance. 1 point.

Prerequisites: DNCE BC2248 or permission of instructor.

##### Spring 2019: DNCE BC3249

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 3249	001/07786	T Th 1:10pm - 2:25pm 306 Barnard Hall	Katiti King	1	11
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**DNCE BC3249 Jazz, III: Advanced Jazz Dance. 1 point.**

Prerequisites: DNCE BC2248 or permission of instructor.

Spring 2019: DNCE BC3249

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3249	001/07786	T Th 1:10pm - 2:25pm 306 Barnard Hall	Katiti King	1	11

**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 2018: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/02401	F 12:00pm - 2:00pm 306 Barnard Hall	Melinda Bronson	1	9/15

Spring 2019: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/09391	F 12:00pm - 2:00pm 110 Barnard Hall	Melinda Bronson	1	6

**DNCE BC3332 Modern V: Intermediate Advanced. 0-1 points.**

Fall 2018: DNCE BC3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3332	001/07754	T Th 10:10am - 11:25am Room TBA	Jamie Scott	0-1	17/20

**DNCE BC3333 Modern V: Intermediate Advanced. 1 point.**

Note: This is a variable-point course (0-1 pts).

Intermediate Advanced.

Spring 2019: DNCE BC3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3333	001/02130	T Th 10:10am - 11:25am 305 Barnard Hall	Andrea Weber	1	13

**DNCE BC3334 Improvisation. 1 point.**

Not offered during 2018-19 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 2018: DNCE BC3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 3335	001/03457	T Th 4:10pm - 5:25pm 305 Barnard Hall	Colleen Thomas	1	22/30
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**DNCE BC3336 Modern, VI: High Advanced Modern Dance. 1 point.**

Spring 2019: DNCE BC3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3336	001/08226	T Th 4:10pm - 5:25pm 305 Barnard Hall	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 2018: DNCE BC3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3338	001/05555	T Th 10:10am - 11:25am Room TBA	Colleen Thomas	1	12/20

**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.

Spring 2019: DNCE BC3339

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3339	001/01173	T Th 10:10am - 11:25am 11 Barnard Hall	Colleen Thomas	1	11/20

**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 2018: DNCE BC3447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 3447	001/07793	M W 2:40pm - 3:55pm Room TBA	Margaret Morrison	1	5/30
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**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 2019: DNCE BC3565**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3565	001/01174	T Th 2:40pm - 3:55pm 305 Barnard Hall	Colleen Thomas	3	13/20

**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 2018: DNCE BC3567**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3567	001/01261	M W 4:10pm - 5:25pm 409 Barnard Hall	Uttara Coorlawala	3	14/20

**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 2018-19 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 2018-19 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 BC3575 George Balanchine and the Reinvention of Modern Ballet. 3 points.**

This course examines the life and major work of Balanchine, founder of the New York City Ballet, tracing his development as an artist, his landmark collaborations with Stravinsky, his role in defining modern ballet style and his reinvention of the modern ballerina.

**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 2018: DNCE BC3576**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3576	001/07302	Th 2:10pm - 4:00pm 227 Milbank Hall	Siobhan Burke	3	9/15

**DNCE BC3577 Performing the Political: Embodying Change in American Performance. 3 points.**

Exploration into the politics of performance and the performance of politics.

**DNCE BC3578 Traditions of African-American Dance. 3 points.**

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

**Not offered during 2018-19 academic year.**

Traces the development of African-American dance, emphasizing the contribution of black artists and the influence of black traditions on American theatrical dance. Major themes include the emergence of African-American concert dance, the transfer of vernacular forms to the concert stage, and issues of appropriation, cultural self-identification, and artistic hybridity.

**DNCE BC3580 History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

The history of social dancing from the Renaissance to the present: waltz, contradances, ragtime, jazz, disco. Topics include dance "manias"; youth and anti-dance movements; intersections between the ballroom, stage, and film; competitive, exhibition, and "flash mob" dancing. Lectures based on archival sources, film, literature, music, images, and live performances.

**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 2018-19 academic year.**

Prerequisites: One course in dance history/studies or permission of the instructor.

Explores the question of why so many women dancer/choreographers of the 1930's - to the early 1960's, including relatively well-known ones, have ended up as peripheral rather than central players in what has become the master narrative of a crucial era of the recent dance past.

**DNCE BC3591 Senior Seminar in Dance. 4 points.**

Research and scholarly writing in chosen topics relating to dance. Methods of investigation are drawn from prominent archival collections and personal interviews, as well as other resources. Papers are formally presented to the Dance Department upon completion.

**Fall 2018: DNCE BC3591**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3591	001/06152	M 10:10am - 12:00pm LI018 Milstein Center	Paul Scolieri	4	8/15

**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 2019: DNCE BC3593**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3593	001/07754	W 11:40am - 12:55pm 306 Barnard Hall	Kate Glasner	3	11

**DNCE BC3601 Rehearsal and Performance in Dance. 1-3 points.**

**Not offered during 2018-19 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 2018-19 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. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

**DNCE BC3605 Rehearsal and Performance in Dance. 3 points.**

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester.

Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians.

**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 2018-19 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 2018-19 academic year.**

Prerequisites: An introductory dance or theater history course or permission of the instructor.

The life, writings, and dances of Ruth St. Denis and Ted Shawn, focusing on their pioneering role in the development of American modern dance and their radical stagings of race, class, gender, and sexuality.

**DNCE BC3982 Diaghilev's Ballets Russes and Its World. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

**Not offered during 2018-19 academic year.**

Prerequisites: Introductory course in dance, music, theatre history, 20th century art history or permission of instructor. Examines the multifaceted revolution of Serge Diaghilev's Ballets Russes and its impact on dance, music, theatre, and visual arts in the opening decades of the 20th century. Outstanding works such as Petrouchka, The Rite of Spring, Parade, Les Noces, and Prodigal Son, studied in depth, with an emphasis on artistic collaboration and the remaking of traditional dance language.

**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 film-making, the duet of the camera and the dance will create an understanding of the interaction between the two, enabling students to create a final short film.

**Fall 2018: DNCE BC3560**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3560	001/06731	M W 2:10pm - 4:00pm Room TBA	Gabri Christa	3	13/13

## 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 2019: DNCE BC2565**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/06751	M W 2:40pm - 3:55pm 302 Barnard Hall	Paul Scolieri	3	46/45

**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 2018: DNCE BC2570**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 302 Barnard Hall	Kate Glasner	3	27/30
DNCE 2570	002/04251	T Th 1:10pm - 2:25pm LI104 Diana Center	Marjorie Folkman	3	27/32



**Spring 2019: DNCE BC2570**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 409 Barnard Hall	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 2018-19 academic year.**

Prerequisites: Suggested DNCE BC2560, BC2566, BC2570  
Explores the history and evolution of American Musical Theater dance, a uniquely American art form, with special focus on the period known as "The Golden Era." Analysis of the genre's most influential choreographers (including Balanchine, de Mille, Robbins), their systems, methodologies and fusion of high and low art on the commercial stages.

**DNCE BC2580 Tap as an American Art Form. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC1446 or equivalent experience.  
Studio/lecture format focuses on tap technique, repertory, improvisation, and the development of tap explored through American history, jazz music, films, videos, and biographies.

**DNCE BC3001 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 2018: DNCE BC3001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/02201	T Th 11:40am - 12:55pm 409 Barnard Hall	Seth Williams	3	14/35

**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 2018-19 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 2018-19 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 2018-19 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 2018-19 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 2018: DNCE BC2570**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 302 Barnard Hall	Kate Glasner	3	27/30
DNCE 2570	002/04251	T Th 1:10pm - 2:25pm L1104 Diana Center	Marjorie Folkman	3	27/32

**Spring 2019: DNCE BC2570**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
DNCE 2570	001/03542	T Th 4:10pm - 5:25pm 409 Barnard Hall	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 ([https://theatre.barnard.edu/sites/default/files/inline/selfaudit2012\\_revised\\_12-12-12.doc](https://theatre.barnard.edu/sites/default/files/inline/selfaudit2012_revised_12-12-12.doc))

Students intending to major in Theatre should consult with the Department Chair in their sophomore year or earlier to plan a program: this consultation is required for Barnard students and strongly recommended for Columbia students. Twelve courses and one senior thesis (in Performance or in Research) are required as follows:



## Dramatic Literature and Theatre History

World theatre and performance histories:

Both required:

THTR UN3150	Western Theatre Traditions: Classic to Romantic
THTR UN3151	Western Theatre Traditions: Modern

Select one of the following:

THTR UN3154	Theatre Traditions in a Global Context
THTR UN3155	Traditional Indian Theatre
THTR UN3156	Modern Asian Performance

Select one course in Drama, Theatre, and Performance Theory:

THTR UN3165	Theories of Performance Studies
THTR UN3166	Drama, Theatre, and Theory
ENTA UN3701	Drama, Theatre, Theory

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 of the following courses in design:

THTR UN3401	Sound Design
THTR UN3402	Costume Design
THTR UN3403	Lighting Design
THTR UN3405	Problems in Design
THTR UN3203	Collaboration: Directing and Design

Select one of the following courses in acting:

THTR UN3004	Acting Lab
THTR UN3007	Scene Lab

Select one of the following courses in directing:

THTR UN3200	Directing I
THTR UN3201	Directing II

## 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) *
THTR UN3998	Senior Thesis: Research **

\* Prior to completing the Senior Thesis: Performance, majors must take an additional two courses in the field of the thesis (acting, design, dramaturgy, directing, playwriting, 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; courses offered through the Barnard Department of English may be taken as well with advisor approval. For theses in Directing, students must take Dramaturgy prior to the thesis year. For theses in Dramaturgy, students take two courses in drama, theatre, or performance research; these courses may be drawn from courses in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature courses offered in other departments with adviser's approval. Dramaturgy concentrators may substitute one course in playwriting for one of these two courses. Students taking a Solo Performance thesis are required to have taken the Solo Performance course prior to the thesis semester (spring), among the three required courses in acting.

\*\* Prior to completing the Senior Thesis: Research, majors must take an additional two courses in drama, theatre, or performance research; these courses may be drawn from courses in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature courses offered in other departments with adviser's approval. These courses should be discussed with the student's major advisor, as well as with the sponsor of the thesis.

## Production Crew

Theatre majors planning on completing a Senior Thesis in Performance (acting, design, directing, dramaturgy, playwriting, solo performance) are required to complete a run crew assignment and a crew head assignment prior to their final semester; to be in the strongest position for the thesis, ideally these assignments are completed during the junior year. Please see the section on Production Crew (<http://theatre.barnard.edu/department-and-production-information/#productioncrew>) for more information.

## Studio Courses

Please note that for Barnard students there is a limit on studio courses. Theatre majors may take 24 studio points in Theatre and an additional six in another discipline for a total of 30 studio points. Theatre Department studio courses are:

THTR 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 2018-19 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](http://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 2018-19 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](http://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](http://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 2018: THTR UN2005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2005	001/07546	M W 10:10am - 12:00pm LI200 Diana Center	Sharon Fogarty	3	11
THTR 2005	002/00488	T Th 10:10am - 12:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3	14

### **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](http://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.

### **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 2018-19 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.

**Fall 2018: THTR UN2140**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2140	001/01320	Th 4:10pm - 6:00pm 214 Milbank Hall	Steven Chaikelson	4	12
THTR 2140	001/01320	Th 7:00pm - 10:00pm 214 Milbank Hall	Steven Chaikelson	4	12

**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](http://theatre.barnard.edu/auditions)

Various topics presented by visiting theatre scholars, artists, and practitioners in a lecture/seminar/workshop series that will meet for at least four sessions during each semester. Topics, times, and visiting instructors will be announced by the department. Students must attend all classes to receive credit for the course.

**THTR UN2420 Technical Production. 3 points.**

Prerequisites: Crew assignment optional. Enrollment limited to 10 students.

Introduction to the equipment, terms, and procedures employed in the creation of scenery, lighting, and sound for the stage. Classroom exercises and field visits emphasize approaches to collaborative process and production management.

**THTR UN2421 Stage Management. 3 points.**

Prerequisites: Permission of the instructor, given at first class meeting.

This course explores the role of the stage manager and production manager in theatrical production. Students undertake hands-on exercises to develop the practical and collaborative skills essential to working both as a stage manager and production manager--script analysis; production timeline and rehearsal management; technical rehearsal; budgeting; working with directors and

designers; working with unions; health and safety codes; house management; box office.

**THTR UN2422 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](mailto: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.

**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](http://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 2018: THTR UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3004	001/07733	T Th 4:10pm - 6:00pm 229 Milbank Hall	Mana Allen	3	12
THTR 3004	002/00451	M W 2:10pm - 4:00pm 229 Milbank Hall	Gisela Cardenas Ojeda	3	9
THTR 3004	003/07149	T Th 10:10am - 12:00pm 229 Milbank Hall	Kyle deCamp	3	12/16

#### 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 2019: THTR UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3005	001/04426	T Th 4:10pm - 6:00pm 118 Milbank Hall	Wendy Waterman	3	7
THTR 3005	002/05687	M W 10:10am - 12:00pm 229 Milbank Hall	Crystal Finn	3	14
THTR 3005	003/05688	M W 10:10am - 12:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3	11
THTR 3005	004/03191	M W 12:10pm - 2:00pm LI200 Diana Center	Sharon Fogarty	3	7

#### 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](http://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 2018: THTR UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3006	001/01708	F 1:00pm - 5:00pm 229 Milbank Hall	Crystal Finn	3	10

#### 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](http://theatre.barnard.edu/auditions).

Provides an overview of the creative process of acting: text analysis, circumstance, establishment of place, pursuit of intention in coordination with exercises and improvisation designed to enhance concentration, imagination, resonance, movement, and projection. Rehearsal 2 hours per week outside class, participation in discussion of plays, playwrights, and performances required. Fulfills one course in Acting for Theatre/Drama Theatre Arts majors.

#### THTR 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 2018: THTR UN3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3140	001/05992	W 12:10pm - 2:00pm LI105 Diana Center	Shayoni Mitra	4	16

#### THTR UN3141 Socialism/Communism in Performance. 4 points.

**Not offered during 2018-19 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 2018: THTR UN3150**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3150	001/06594	M W 10:10am - 11:25am 207 Milbank Hall	William Worthen	3	26

**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 2019: THTR UN3151**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3151	001/03990	T Th 12:10pm - 1:25pm 202 Milbank Hall	Paige Johnson	3	25

**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 2019: THTR UN3152**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3152	001/01652	T 2:10pm - 4:00pm LL105 Diana Center	Hana Worthen	4	12

**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.

#### **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 2019: THTR UN3155**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3155	001/03926	W 12:10pm - 2:00pm LI105 Diana Center	Shayoni Mitra	4	8

#### **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.

#### **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 2019: THTR UN3165**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3165	001/02663	T 12:10pm - 2:00pm LI105 Diana Center	Shayoni Mitra	4	14

#### **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 2018: THTR UN3167**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3167	001/09317	W 2:10pm - 4:00pm LI105 Diana Center	Hana Worthen	4	13

#### **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 2018: THTR UN3200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/04474	M W 12:10pm - 2:00pm 229 Milbank Hall	Paige Johnson	3	17

##### **Spring 2019: THTR UN3200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/04115	T Th 10:10am - 12:00pm LI105 Diana Center	Shannon Sindelar	3	16

### 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 2019: THTR UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3201	001/02899	T Th 12:10pm - 2:00pm 229 Milbank Hall	Alice Reagan	3	10

### 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 2018: THTR UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3202	001/09360	F 11:00am - 1:50pm LI200 Diana Center	Alice Reagan	4	7

### 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 2018-19 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](http://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 2018: THTR UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3300	001/02909	M 4:10pm - 6:00pm LI105 Diana Center	Andrew Bragen	3	16

### 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 2019: THTR UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3301	001/04908	M 4:10pm - 6:00pm LI105 Diana Center	Andrew Bragen	3	14

### 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.

### 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.

**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.

**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.

**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 2018: THTR UN3405**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3405	001/09691	F 10:00am - 12:50pm 229 Milbank Hall	Kara Feely	3	10

**THTR UN3406 Media and Production Design. 3 points.**  
**Not offered during 2018-19 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.

**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 2018: THTR UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/03156	T Th 2:10pm - 4:00pm 229 Milbank Hall	Gisela Cardenas Ojeda	4	4
THTR 3997	002/03882	F 2:10pm - 5:00pm 318 Milbank Hall	Sandra Goldmark	4	0

**Spring 2019: THTR UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/08629	F 2:10pm - 5:00pm Room TBA	Alice Reagan	4	3
THTR 3997	002/04815	M 2:10pm - 4:00pm LI105 Diana Center	Andrew Bragen	4	2
THTR 3997	003/02620	M W 12:10pm - 2:00pm 229 Milbank Hall	Kyle deCamp	4	5
THTR 3997	004/06617	F 2:10pm - 5:00pm 229 Milbank Hall	Sandra Goldmark	4	2
THTR 3997	005/08772	T Th 2:10pm - 4:00pm 229 Milbank Hall	Gisela Cardenas Ojeda	4	2
THTR 3997	006/01654		Hana Worthen	4	2

**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 2018: THTR UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/05554		William Worthen	4	0

**Spring 2019: THTR UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/07475		William Worthen	4	1

**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; 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](mailto:sidney@ldeo.columbia.edu)

## Director of Undergraduate Studies:

Prof. Meredith Nettles, Lamont-Doherty Earth Observatory; 845-365-8613; 557 Schermerhorn Extension; [nettlles@ldeo.columbia.edu](mailto:nettlles@ldeo.columbia.edu) ([sidney@ldeo.columbia.edu](mailto:sidney@ldeo.columbia.edu))

## Director of Academic Administration and Finance:

Sally Odland, 108 Geoscience, Lamont-Doherty Earth Observatory; 845-365-8633; [odland@ldeo.columbia.edu](mailto:odland@ldeo.columbia.edu)

The undergraduate major in Earth and environmental sciences provides an understanding of the natural functioning of our planet and considers the consequences of human interactions with it. Our program for majors aims to convey an understanding of how the complex Earth system works at a level that encourages students to think creatively about the Earth system processes and how to address multidisciplinary environmental problems. The breadth of material covered provides an excellent background for those planning to enter the professions of law, business, diplomacy, public policy, teaching, journalism, etc. At the same time, the program provides sufficient depth so that our graduates are prepared for graduate school in one of the Earth sciences. The program can be adjusted to accommodate students with particular career goals in mind.

The department's close affiliations with the Lamont-Doherty Earth Observatory, the American Museum of Natural History (AMNH), NASA's Goddard Institute for Space Studies (GISS), the Earth Institute at Columbia (EI), and several departments within the Fu Foundation School of Engineering and Applied Sciences afford opportunities for student participation in a wide variety of current research programs. Summer employment, research, and additional educational opportunities are available at Lamont and GISS. The department encourages majors to become involved in a research project by their junior year.

All majors and concentrators, when planning their programs of study, should regularly consult the directors of undergraduate studies and make themselves aware of the requirements for their particular program.

## PROGRAMS OF STUDY

### Environmental Science Major

The environmental science major curriculum provides an introduction to a variety of fields of study relevant to the environment. Environmental science majors are required to take three semesters of introductory courses and to develop a grounding in basic physics, chemistry, biology, and mathematics. Here, students may select courses depending on their interest. With this introduction to the Earth's environment and equipped with a knowledge of the basic sciences, students are prepared to choose a set of upper-level courses in consultation with an undergraduate adviser. All environmental science majors are required to complete a research project, providing a practical application of mastered course work. This research culminates in a senior thesis. The research and the thesis are usually done at Lamont-Doherty Earth Observatory with guidance from a faculty member or a research scientist. However, other options are also possible.

Environmental science majors have an option to complete the special concentration in environmental biology for environmental science majors.

### Earth Science Major

The major in Earth science follows a similar rationale but is designed to allow students to pursue particular fields of the Earth sciences in greater depth. Compared with the environmental science major, one fewer introductory course is required, while one additional advanced course should be part of the plan of study. The Earth science major also offers the possibility of in-depth field experience through a six- to eight-week geology summer field course, arrangements for which are made through another university. The research and senior thesis capstone requirements are the same as for the environmental science major. The geology summer field course may be used as an alternative means of fulfilling the capstone requirement in the Earth science major.

### Concentrations

The program for concentrators serves students who want more exposure to Earth and environmental science than is provided by introductory-level courses. The program aims to provide concentrators with experience in data analysis and a thorough introduction to the Earth's systems.

The concentrations in environmental science and in Earth science are designed to give students an understanding of how the Earth works and an introduction to the methods used to investigate Earth processes, including their capabilities and limitations. Concentrators often join the social professions (e.g., business, law, medicine, etc.) and take with them a strong scientific background. They take the same introductory courses as the majors, but fewer basic science and upper-level courses are required.

In addition to the environmental science and Earth science concentrations, the department sponsors a special concentration

which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration. There is also a special concentration in environmental biology for environmental science majors sponsored by the Department of Ecology, Evolution, and Environmental Biology.

## DEPARTMENTAL HONORS

The Department of Earth and Environmental Science awards departmental honors to the major or majors in Earth science or environmental science judged to have the best overall academic record. The award is accorded to no more than 10% of the graduating class, or one student in the case of a class smaller than 10. A grade point average of at least 3.6 in the major and a senior thesis or equivalent research of high quality are required. Students who wish to be considered should contact the director of undergraduate studies early in their senior year.

## PROFESSORS

Wallace S. Broecker  
 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  
 Sidney R. Hemming (Chair)  
 Peter B. Kelemen (Associate Chair)  
 Galen McKinley  
 Jerry F. McManus  
 William H. Menke  
 John C. Mutter  
 Paul E. Olsen  
 Stephanie L. Pfirman (Barnard)  
 Terry A. Plank  
 Lorenzo M. Polvani  
 G. Michael Purdy  
 Peter Schlosser  
 Christopher H. Scholz  
 Adam H. Sobel  
 Sean C. Solomon  
 Marc Spiegelman  
 Martin Stute (Barnard)  
 Maria Tolstoy  
 Renata Wentzcovich

## ASSOCIATE PROFESSORS

Bärbel Hönisch  
 Kerry Key  
 Meredith Nettles

## ASSISTANT PROFESSORS

Ryan Abernathey  
 Jacqueline Austermann  
 Jonathan Kingslake

## 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  
 Taro Takahashi  
 Minfang Ting  
 Felix Waldhauser  
 Spahr C. Webb  
 Gisela Winckler

## ADJUNCT ASSOCIATE PROFESSORS

Natalie Boelman  
 Alessandra Giannini  
 Andrew Juhl

## LECTURERS

Pietro Ceccato  
 Andreas Turnherr  
 Kevin Uno

## ASSOCIATES

Erin Coughlin  
 Brian Kahn  
 Andrew Kruczkiewicz

## 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 courses are not suitable for undergraduates and can not be used toward meeting any of the requirements for the majors, concentrations, or special concentrations:

EESC W4001

EESC GU4400

EESC GU4401      Quantitative Models of Climate-Sensitive Natural and Human Systems

EESC GU4930      Earth's Oceans and Atmosphere

EESC GU4404

### 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      General Chemistry I (Lecture)  
- CHEM UN1404      and General Chemistry II (Lecture)  
- PHYS UN1201      and General Physics I

CHEM UN1403      General Chemistry I (Lecture)  
- PHYS UN1201      and General Physics I  
- PHYS UN1202      and General Physics II

### Capstone Experience

Select one of the following:

EESC BC3800      Senior Research Seminar  
- EESC UN3901      and Environmental Science Senior Seminar

EESC BC3801      Senior Research Seminar  
- EESC UN3901      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

EAEF 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 Paleogeography

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
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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 - EEEB 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
EAEE E2002	Alternative energy resources

## CONCENTRATION IN EARTH SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The concentration in Earth science requires a minimum of 25 points, distributed as follows:

### Foundation Courses

EESC 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

### 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
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 EEEB courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

Advanced courses used to fulfill requirements in the environmental science major cannot count toward requirements for the special concentration.

## Sustainable Development

Students interested in sustainable development should refer to the *Sustainable Development* section in this Bulletin.

## SPRING 2019

### EESC UN1003 Climate and Society: Case Studies. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Explores a series of environmental hazards (ozone depletion, El Nino, global warming) as examples of risk management. For each module, students will learn the scientific principles underlying each hazard and then will examine how social and economic policies were developed and implemented to mitigate the perceived risk.

#### Spring 2019: EESC UN1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1003	001/67888	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Barbel Honisch	3	46/60

### EESC UN1010 Geological Excursion To Death Valley, CA. 2 points.

Enrollment limited to 20.

The trip is restricted to first-years and sophomores from Columbia College/General Studies, Barnard College, and the School of Engineering and Applied Science. Early application is advised, and no later than November 7. A spring-break excursion focused on the geology of Death Valley and adjacent areas of the eastern California desert. Discussion sessions ahead of the trip provide necessary background. Details at: <http://eesc.columbia.edu/courses/v1010/>.

#### Spring 2019: EESC UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1010	001/71069	F 7:30pm - 9:00pm 558 Ext Schermerhorn Hall	Nicholas Christie-Blick	2	19/20

### 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 2019: EESC UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1011	001/13375	M W 10:10am - 11:25am 603 Schermerhorn Hall	Sedelia Rodriguez	4	29/30

EESC 1011 001/13375 M 1:10pm - 4:00pm Sedelia 4 29/30  
558 Ext Rodriguez  
Schermerhorn Hall

**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 2019: EESC UN1411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1411	001/66443	M W 10:10am - 11:25am 603 Schermerhorn Hall	Sedelia Rodriguez	3	29/35

**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 2018: EESC UN2100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/75858	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Jerry McManus, Arlene Fiore	4.5	53/60
EESC 2100	001/75858	T 4:10pm - 7:00pm 555 Schermerhorn Hall	Jerry McManus, Arlene Fiore	4.5	53/60

**Spring 2019: EESC UN2100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/68603	T Th 2:40pm - 3:55pm 703 Hamilton Hall	Arlene Fiore, Galen McKinley	4.5	35/50

EESC 2100 001/68603 T 4:10pm - 7:00pm Arlene 4.5 35/50  
558 Ext Fiore, Galen  
Schermerhorn Hall McKinley

**EESC UN2200 Earth's Environmental Systems: The Solid Earth System. 4.5 points.**

CC/GS: Partial Fulfillment of Science Requirement, BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., Lab Required

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.

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, hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, fossil fuels. 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 2018: EESC UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/70006	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Alberto Malinverno, Jonathan Kingslake	4.5	34/50
EESC 2200	001/70006	T 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Alberto Malinverno, Jonathan Kingslake	4.5	34/50

**Spring 2019: EESC UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/75647	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming	4.5	46/55

**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.

#### Spring 2019: EESC UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2300	001/23152	M W 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Paul Olsen, Matthew Palmer, John Burns	4.5	33/50

#### 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 2019: EESC UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2310	001/71755	W 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, John Burns	0	13/24
EESC 2310	002/13996	W 4:10pm - 7:00pm 555 Schermerhorn Hall	Paul Olsen, Matthew Palmer, John Burns	0	7/24
EESC 2310	003/11564	W 4:10pm - 7:00pm 417 Schermerhorn Hall	Paul Olsen, Matthew Palmer, John Burns	0	8/24
EESC 2310	004/25354	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, John Burns	0	16/24
EESC 2310	005/23797	Th 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Paul Olsen, Matthew Palmer, John Burns	0	2/24

#### EESC UN3000 Tutorial Study in Earth and Environmental Sciences. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: declared major in Earth and environmental sciences and the department's permission.

Students with particular interest in one of the many components of the Earth and environmental sciences should approach a director of undergraduate studies during the registration period so that tutorial-level exposure to the subject can be arranged. Each point requires two hours each week of readings, discussion, and research work under the close supervision of a member of the Department of Earth and Environmental Sciences, Lamont-Doherty Earth Observatory, American Museum of Natural History, or Goddard Institute for Space Studies. In consultation with the supervisor, the student selects a topic for intensive study and the time and place of the tutorial discussion sessions. May be repeated for credit up to a maximum of 12 points, with a maximum of 6 points with each staff member.

#### Fall 2018: EESC UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/18709		Kevin Uno	1-3	1/1

#### Spring 2019: EESC UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/67233			1-3	0/1

#### EESC UN3010 Field Geology. 2 points.

Fee: to be determined.

This course may be repeated for up to 9 points of credit if taken in different areas. Field study in various geologic settings. Plans for the courses are announced at the beginning of each term. Class size will depend on available space. Priority is given to majors in the Department of Earth and Environmental Sciences at Columbia College and School of General Studies. Barnard Environmental Science majors may enroll with the permission of the Barnard Environmental Science department chair. All others require the instructor's permission.

#### Spring 2019: EESC UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3010	001/27293		Nicholas Christie-Blick	2	2/20
EESC 3010	002/83781	T 7:30pm - 9:30pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming	2	16/30

#### 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 2019: EESC UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3201	001/62220	T Th 8:40am - 9:55am 603 Schermerhorn Hall	Meredith Nettles	3	9/40

#### EESC GU4076 Geologic Mapping. 3 points.

CC/GS: Partial Fulfillment of Science Requirement  
Limited enrollment.

Prerequisites: the instructor's permission.

This course will cover the basics of geologic mapping such as: pacing, compass skills, reading topographic maps, three point problems, taking good field notes, and creating geologic maps. Class will include three Saturday field trips and a two-week

mapping exercise. The Saturday field trips will explore the tectonic history of the greater New York City area, and will take place in April and May. The two-week trip will focus on detailed geologic mapping near Catskill, NY, and take place from May 23rd – June 6th.

### **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 2019: EESC GU4210**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4210	001/74909	T 4:10pm - 6:40pm 407 Mathematics Building	Adam Sobel	3	6/35

### **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 2019: EESC GU4220**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4220	001/65119	T 1:10pm - 2:25pm 506 Schermerhorn Hall	Jonathan Kingslake	3	7/20
EESC 4220	001/65119	Th 1:10pm - 2:25pm 558 Ext Schermerhorn Hall	Jonathan Kingslake	3	7/20

### **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 2019: EESC GU4235**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4235	001/72646	T Th 11:40am - 12:55pm 603 Schermerhorn Hall	Jacqueline Austermann	3	13/20

### **EESC GU4630 Air-sea interaction. 3 points.**

Given in alternate years. Enrollment limited to 20. Priority based on seniority (graduate students, graduating seniors, etc.).

Prerequisites: solid background in mathematics, physics, and chemistry. Some background in fluid mechanics (as in *EESC W4925/APPH E4200*) or the instructor's permission.

An overview of oceanic and atmospheric boundary layers including fluxes of momentum, heat, mass, (eg., moisture salt) and gases between the ocean and atmosphere; vertical distribution of energy sources and sinks at the interface including the importance of surface currents; forced upper ocean dynamics, the role of surface waves on the air-sea exchange processes and ocean mixed layer processes.

#### **Spring 2019: EESC GU4630**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4630	001/24725	T Th 2:40pm - 3:55pm 506 Schermerhorn Hall	Christopher Zappa	3	7/20

### **EESC GU4888 Stable Isotope Geochemistry. 3 points.**

Given in alternate years.

Prerequisites: introductory chemistry and earth science coursework.

Prerequisites: Introductory Chemistry and Earth Science coursework. Given in alternate years. This class will be an introduction to the field of stable isotope geochemistry and its application to understanding current and past environmental processes. The utility of stable isotopes as tracers will be examined with respect to the disciplines of hydrology, oceanography, paleoclimatology, paleoceanography, landscape evolution, carbon cycle and nitrogen cycle dynamics. We will focus on the stable isotopes of hydrogen, carbon, oxygen, nitrogen in water, ice, carbonates and organic compounds and why they fractionate in the environment. The theoretical background for

isotope fractionation will be discussed in class. Radiocarbon as a tracer and dating tool will also be reviewed. In addition, the mechanics of how mass spectrometers analyze different isotope ratios will be explored in class and during experiments in the laboratory. Additional key parts of the class will be a review of paper or laboratory report and student-lead reviews of published papers on relevant topics.,

#### Spring 2019: EESC GU4888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4888	001/66946	T Th 8:40am - 9:55am 506 Schermerhorn Hall	Braddock Linsley	3	10/30

#### EESC GU4923 Biological Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement  
Given in alternate years. Enrollment limited to 24. Priority given to graduate students and then graduating seniors.

Prerequisites: introductory college-level biology and chemistry. An overview of the biology and ecology of the oceans with a focus on the interaction between marine organisms and the physics and chemistry of the oceans.

#### Spring 2019: EESC GU4923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4923	001/66811	T Th 4:10pm - 5:25pm 417 Schermerhorn Hall	Andrew Juhl	3	8/30

#### EESC GU4924 Introduction to Atmospheric Chemistry. 3 points.

Prerequisites: Physics W1201, Chemistry W1403, Calculus III, or equivalent or the instructor's permission. *EESC W2100* preferred. Physical and chemical processes determining atmospheric composition and the implications for climate and regional air pollution. Atmospheric evolution and human influence; basics of greenhouse effect, photolysis, reaction kinetics; atmospheric transport of trace species; stratospheric ozone chemistry; tropospheric hydrocarbon chemistry; oxidizing power, nitrogen, oxygen, sulfur, carbon, mercury cycles; chemistry-climate-biosphere interactions; aerosols, smog, acid rain.

#### Spring 2019: EESC GU4924

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4924	001/75846	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Arlene Fiore	3	15/50

#### EESC GU4926 Principles of Chemical Oceanography. 3 points.

Given in alternate years.

Prerequisites: Recommended preparation: one year of chemistry. Factors controlling the concentration and distribution of dissolved chemical species within the sea. The physical chemistry

of seawater, ocean circulation and mixing, gas exchange and biogeochemical processes interact to influence the distribution and fate of elements in the ocean. The course examines in some detail the two-way interaction between marine ecosystems and their chemical environment, and the implications of these interactions for distributions in the ocean of carbon, nutrients and trace metals.

#### Spring 2019: EESC GU4926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4926	001/66426	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Robert Anderson	3	17/50

#### 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 2019: EESC GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4930	001/20680	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Arnold Gordon	3	6/40

#### EESC GU4937 Cenozoic Paleooceanography. 3 points.

Given in alternate years. Enrollment limited to 20 students EESC (DEES) graduate students have priority..

Prerequisites: college-level geology helpful but not required. Introduces the physical, chemical and biological processes that govern how and where ocean sediments accumulate. Major topics addressed are: modes of biogenic, terrigenous and authigenic sedimentation, depositional environments, pore fluids and sediment geochemistry, diagenesis, as well as biostratigraphy and sediment stratigraphic principles and methods. Second half of the semester focuses on major events in Cenozoic paleoceanography and paleoclimatology including orbital control of climate, long-term carbon cycle, extreme climate regimes, causes of ice ages in Earth's history, human evolution, El Niño evolution, and long-term sea level history.

#### Spring 2019: EESC GU4937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4937	001/69380	T Th 10:10am - 11:25am 417 Schermerhorn Hall	Peter deMenocal, Maureen Raymo	3	13/50

#### EESC GU4949 Introduction to Seismology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: advanced calculus and general physics, or the instructor's permission.

Methods and underpinnings of seismology including seismogram analysis, elastic wave propagation theory, earthquake source characterization, instrumentation, inversion of seismic data to infer Earth structure.

#### Spring 2019: EESC GU4949

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4949	001/11961	T Th 11:40am - 12:55pm 555 Schermerhorn Hall	Felix Waldhauser	3	5/50

## FALL 2018

### 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 2018: EESC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1001	001/70242	M W 1:10pm - 2:25pm 517 Hamilton Hall	Paul Olsen	4	15/40
EESC 1001	001/70242	M 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen	4	15/40

### 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 2018: EESC UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1401	001/27078	M W 1:10pm - 2:25pm 517 Hamilton Hall	Paul Olsen	3	38/80

### 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.

#### Fall 2018: EESC UN1030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1030	001/27448	T Th 8:40am - 9:55am 501 Northwest Corner	Barbel Honisch	3	94/160

### 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 2018: EESC UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1201	001/73734	T Th 8:40am - 9:55am 603 Schermerhorn Hall	Goran Ekstrom	3	24/50

### 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.

603 Schermerhorn Hall Sidney Hemming

#### Fall 2018: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/75858	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Jerry McManus, Arlene Fiore	4.5	53/60
EESC 2100	001/75858	T 4:10pm - 7:00pm 555 Schermerhorn Hall	Jerry McManus, Arlene Fiore	4.5	53/60

#### Spring 2019: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/68603	T Th 2:40pm - 3:55pm 703 Hamilton Hall	Arlene Fiore, Galen McKinley	4.5	35/50
EESC 2100	001/68603	T 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Arlene Fiore, Galen McKinley	4.5	35/50

#### EESC UN2200 Earth's Environmental Systems: The Solid Earth System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., Lab Required

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.

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, hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, fossil fuels. 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 2018: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/70006	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Alberto Malinverno, Jonathan Kingslake	4.5	34/50
EESC 2200	001/70006	T 4:10pm - 7:00pm 558 Ext Schermerhorn Hall	Alberto Malinverno, Jonathan Kingslake	4.5	34/50

#### Spring 2019: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/75647	T Th 2:40pm - 3:55pm	Steven Goldstein,	4.5	46/55

#### 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 2018: EESC UN2330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2330	001/20901	M W 8:40am - 9:55am 209 Havemeyer Hall	John Mutter, Ruth DeFries	3	89/110

#### EESC UN3000 Tutorial Study in Earth and Environmental Sciences. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: declared major in Earth and environmental sciences and the department's permission.

Students with particular interest in one of the many components of the Earth and environmental sciences should approach a director of undergraduate studies during the registration period so that tutorial-level exposure to the subject can be arranged. Each point requires two hours each week of readings, discussion, and research work under the close supervision of a member of the Department of Earth and Environmental Sciences, Lamont-Doherty Earth Observatory, American Museum of Natural History, or Goddard Institute for Space Studies. In consultation with the supervisor, the student selects a topic for intensive study and the time and place of the tutorial discussion sessions. May be repeated for credit up to a maximum of 12 points, with a maximum of 6 points with each staff member.

#### Fall 2018: EESC UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/18709		Kevin Uno	1-3	1/1

#### Spring 2019: EESC UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/67233			1-3	0/1

#### 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 2018: EESC UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3101	001/76536	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Terry Plank	3	25/35

#### **EESC UN3700 Environmental Geochemistry and Health in New York City. 3 points.**

In this course students will explore environmental contaminants in urban soil, water and air. We will discuss contaminant source, chemical behavior in the environment, health impacts, human exposure, assessment techniques and mitigation strategies. Students will develop and practice skills such as researching key information and contaminants as well as graphing and interpreting data. We will focus in particular on New York City referring to local case studies and data sets, as well as engaging in a local project collecting and analyzing soils samples for lead.

Prerequisites: introductory chemistry and environmental science or the instructor's permission.

#### Fall 2018: EESC UN3700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3700	001/61779	M W 10:10am - 11:25am 555 Schermerhorn Hall	Franziska Landes	3	9/15

#### **EESC BC3800 Senior Research Seminar. 3 points.**

Enrollment limited to senior majors (juniors with the instructor's permission). Provides credit for the senior thesis. The Senior Research Seminar can be taken Spring/Fall or Fall/Spring sequence.

Guided, independent, in-depth research culminating in the senior thesis in the spring. Includes discussion about scientific presentations and posters, data analysis, library research methods and scientific writing. Students review work in progress and share results through oral reports. Weekly seminar to review work in progress and share results through oral and written reports. Prerequisite to *EESC W3901*.

#### Fall 2018: EESC BC3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3800	001/05632	Th 4:10pm - 6:00pm 530 Altschul Hall	Martin Stute	3	43

#### **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 2018: EESC GU4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4008	001/64583	Th 4:10pm - 6:40pm 214 Seeley W. Mudd Building	Lorenzo Polvani	3	23/25

#### **EESC GU4020 Humans and the Carbon Cycle. 3 points.**

Prerequisites: One semester of college-level calculus and chemistry; Plus one semester of college-level physics or geoscience. Or instructor's permission. The accelerating climate change of the current day is driven by humanity's modifications to the global carbon cycle. This course offers an introduction basic science of the carbon cycle, with a focus on large-scale processes occurring on annual to centennial timescales. Students will leave this course with an understanding of the degree to which the global carbon cycle is understood and quantified, as well as the key uncertainties that are the focus of current research. We will build understanding of the potential pathways, and the significant challenges, to limiting global warming to 2o C as intended by the 2015 Paris Climate Agreement. The course will begin with a brief review of climate science basics and the role of CO<sub>2</sub> in climate and climate change (weeks 1-2). In weeks 3-4, the natural reservoirs and fluxes that make up the global carbon cycle will be introduced. In week 5-6, anthropogenic emissions and the observed changes in climate associated with increasing atmospheric CO<sub>2</sub> will be discussed. In weeks 7-11, we will learn about how the land biosphere and ocean are mitigating the increase in atmospheric CO<sub>2</sub> and the feedbacks that may substantially modify these natural sinks. In weeks 12-13, the international policy process and the potential for carbon cycle management will be the focus. In weeks 14, students will present their final projects

#### Fall 2018: EESC GU4020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4020	001/18646	T Th 11:40am - 12:55pm 555 Schermerhorn Hall	Galen McKinley	3	25/25

#### **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 2018: EESC GU4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4050	001/16126	Th 5:40pm - 6:55pm 417 Schermerhorn Hall	Christopher Small	3	12/21
EESC 4050	001/16126	F 9:00am - 10:45am 558 Ext Schermerhorn Hall	Christopher Small	3	12/21

#### EESC GU4230 Crustal Deformation. 3 points.

Prerequisites: introductory geology and one year of calculus. Recommended preparation: higher levels of mathematics. Introduction to the deformation processes in the Earth's crust. Fundamental theories of stress and strain; rock behavior in both brittle and ductile fields; earthquake processes; ductile deformation; large-scale crustal contractional and extensional events.

#### Fall 2018: EESC GU4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4230	001/15001	T Th 1:10pm - 2:25pm 555 Schermerhorn Hall	Heather Savage	3	12/25

#### EESC GU4330 Introduction to Terrestrial Paleoclimate. 3 points.

CC/GS: Partial Fulfillment of Science Requirement  
Given in alternate years.

An overview of the archives in which evidence of terrestrial paleoclimate is preserved, the approaches to developing and applying proxies of climate from these archives, approaches for constraining the time represented by the information, and interpretations that have been developed from such archives. Important archives to be included are ice cores, caves, wetlands, lakes, trees, and moraines. The time interval covered will be mostly the last few tens of thousand years, and chronometers based on radiocarbon, U-series and surface exposure dating will be presented. The course will consist of a formal lecture on one day and a recitation on the second day which will emphasize examples and problem solving.

#### Fall 2018: EESC GU4330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4330	001/21383	T Th 10:10am - 11:25am 555 Schermerhorn Hall	Wallace Broecker, Jorg Schaefer	3	15/35

#### 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.

#### EESC GU4887 Isotope Geology I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement  
Given in alternate years.

Prerequisites: basic background in chemistry and physics. Introduction to nuclear and radiochemistry, origin of the chemical elements, principles of radiometric dating, processes responsible for the chemical makeup of the solar system and the Earth.

#### Fall 2018: EESC GU4887

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4887	001/63904	T Th 2:40pm - 3:55pm 555 Schermerhorn Hall	Steven Goldstein	3	20/25

#### 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 2018: EESC GU4917

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4917	001/64032	M W 1:10pm - 2:25pm 555 Schermerhorn Hall	Peter Eisenberger	3	14/25

#### 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 2018: EESC GU4925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 4925	001/28566	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Arnold Gordon, Ryan Abernathay	3	13/25
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**EESC GU4949 Introduction to Seismology. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: advanced calculus and general physics, or the instructor's permission.

Methods and underpinnings of seismology including seismogram analysis, elastic wave propagation theory, earthquake source characterization, instrumentation, inversion of seismic data to infer Earth structure.

**Spring 2019: EESC GU4949**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4949	001/11961	T Th 11:40am - 12:55pm 555 Schermerhorn Hall	Felix Waldhauser	3	5/50

**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 Paleocanography
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/

**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.

## 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.

## SPECIAL SERVICE PROFESSORS

Donald Keene (Shincho Professor Emeritus)

## PROFESSORS

Paul Anderer  
Charles Armstrong (History)  
Bernard Faure  
Carol Gluck (History)  
Robert E. Harrist Jr. (Art History)  
Robert Hymes  
Theodore Hughes  
Dorothy Ko (Barnard History)  
Feng Li  
Lydia Liu  
Rachel McDermott (Barnard)  
Matthew McKelway (Art History)  
D. Max Moerman (Barnard)  
Wei Shang (Acting Chair)  
Haruo Shirane (Chair)  
Tomi Suzuki  
Madeleine Zelin

## ASSOCIATE PROFESSORS

Michael Como (Religion)  
Eugenia Lean  
David Lurie  
Lien-Hang Nguyen (History)  
Gregory Pflugfelder  
Jonathan Reynolds (Art History, Barnard)  
Gray Tuttle

## ASSISTANT PROFESSORS

Nicholas Barlett (Barnard)  
Jue Guo (Barnard)  
Harrison Huang  
Jungwon Kim  
Paul Kreitman  
John Phan  
Ying Qian  
Takuya Tsunoda  
Zhaohua Yang (Religion)

## ADJUNCT FACULTY

Lauran Hartley  
Itsuki Hayashi  
Laurel Kendall  
Morris Rossabi  
Conrad Schirokauer  
Andrew Plaks  
Yan Wang  
Charles Woolley

## SENIOR LECTURERS

Shigeru Eguchi  
Ling Yan

Lening Liu  
Yuan-Yuan Meng  
Fumiko Nazikian  
Miharu Nittono  
Carol Schulz  
Zhirong Wang

## LECTURERS

Pema Bhum  
Yu-Shan Chen  
Eunice Chung  
Lingjun Hu  
Tianqi Jiang  
Ji-Young Jung  
Beom Lee  
Kyoko Loetscher  
Chung Nguyen  
Keiko Okamoto  
Jisuk Park  
Shaoyan Qi  
Zhongqi Shi  
Sunhee Song  
Naofumi Tatsumi  
Sonam Tsering  
Asami Tsuda  
Hailong Wang  
Xiaodan Wang  
Chen Wu  
Jia Xu  
Hyunkyu Yi  
Wenlian Zhang

## ON LEAVE

Lydia Liu  
Ying Qian  
Haruo Shirane  
Tomi Suzuki  
Madeleine Zelin

## 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	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	Third Year Modern Colloquial Tibetan I
- TIBT UN3612	and Third Year Modern Colloquial Tibetan II

Students who test out of three years or more of a language must take an additional year of that language or another East Asian language at Columbia in order to satisfy the language requirement.

## Introductory Courses

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 - JPNS UN3006	Third-Year Japanese I and Third-Year Japanese II
KORN UN3005 - KORN UN3006	Third-Year Korean I and Third-Year Korean II
TIBT UN3611 - TIBT UN3612	Third Year 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
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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](mailto:yj2180@columbia.edu)).

## CONTENT COURSES

### ASCE UN1002 Introduction to Major Topics in Asian Civilizations: East Asia. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An interdisciplinary and topical approach to the major issues and phases of East Asian civilizations and their role in the contemporary world.

Fall 2018: ASCE UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 1002	001/16216	M W 11:40am - 12:55pm 304 Hamilton Hall	John Chen	4	14/20
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Spring 2019: ASCE UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1002	001/28852	M W 11:40am - 12:55pm 327 Seeley W. Mudd Building	John Thompson III, Elizabeth Reynolds	4	20/25

### 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 2018: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1359	001/15028	T Th 4:10pm - 5:25pm 717 Hamilton Hall	Jian Ming Chang	4	58/80

Spring 2019: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1359	001/68821	T Th 4:10pm - 5:25pm 310 Fayerweather	Robert Hymes	4	55/90

### 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 2018: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/26580	M W 4:10pm - 5:25pm 329 Pupin Laboratories	Paul Kreitman	4	84/90

Spring 2019: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/16983	M W 4:10pm - 5:25pm 310 Fayerweather	Gregory Pflugfelder	4	75/90

### 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 2019: ASCE UN1363**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1363	001/28668	T Th 10:10am - 11:25am 633 Seeley W. Mudd Building	Charles Armstrong	4	52/60

**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 2018: ASCE UN1365**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1365	001/28760	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Patrick Booz	4	79/105

**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 millennium 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 2018: ASCE UN1367**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 1367	001/74924	M W 2:40pm - 3:55pm 313 Fayerweather	John Phan	4	43/60
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**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 2018: AHUM UN1400**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	001/19259	T 12:10pm - 2:00pm 402 Hamilton Hall	Itsuki Hayashi	4	24/22
AHUM 1400	002/05400	W 10:10am - 12:00pm 318 Milbank Hall	Jue Guo	4	18/22
AHUM 1400	003/75134	W 10:10am - 12:00pm 303 Altschul Hall	David Moerman	4	16/22
AHUM 1400	005/24297	Th 2:10pm - 4:00pm 307 Pupin Laboratories	John Phan	4	21/22

**Spring 2019: AHUM UN1400**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	001/25108	T 4:10pm - 6:00pm 522c Kent Hall	Paul Anderer	4	20/22
AHUM 1400	002/68388	W 2:10pm - 4:00pm 101 80 Claremont	Michael Como	4	19/22
AHUM 1400	003/65702	T 12:10pm - 2:00pm 313 Hamilton Hall	Itsuki Hayashi	4	27/22
AHUM 1400	004/29600	M 12:10pm - 2:00pm 224 Pupin Laboratories	Seong-Uk Kim	4	21/22

**HIST UN2881 Vietnam in the World. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course examines the history of Vietnam in the World. This course explores how war – ranging from civil, imperial, global, decolonization, and superpower interventions – have shaped the course of modern Vietnamese history and its interaction with the wider world. Participation in weekly discussion sections, which will begin no later than the third week of classes, is mandatory.

**Spring 2019: HIST UN2881**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2881	001/19229	M W 11:40am - 12:55pm	Lien-Hang Nguyen	4	34/60

633 Seeley W. Mudd  
Building

### **EAAS UN3119 Theater Traditions of China and Japan. 4 points.**

This course offers an overview of Chinese and Japanese dramatic traditions from their beginnings to the twentieth century. It engages issues of performance practices and dramatic texts; thus, the course draws on material from theater history, performance and acting conventions, and the literary history of drama. Students will learn about the major genres of dramatic writing and their different modes of performance, including the Chinese dramatic genres of zaju and chuanqi; Chinese performance styles of Beijing opera and Kunqu; and Japanese dramatic genres of noh, kyōgen, kabuki, and puppet theater (or bunraku). This course also gives students the opportunity to engage closely with dramatic texts as literature, and encourages detailed readings of some canonical and non-canonical plays. We will consider how dramatic writing and theatrical performance relate to broader trends in socio-political history and literary history, and will also explore how dramatic texts and theatrical performance embody a multivalent and multi-sensory space that is unique among creative enterprises. We deal with both the actor and the text, and consider how each are conditioned by modern and premodern contexts. No prerequisites are required, although some prior knowledge of China or Japan is helpful.

#### **Fall 2018: EAAS UN3119**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3119	001/81279	W 2:10pm - 4:00pm 408 Hamilton Hall	Allison Bernard	4	6/11

### **EAAS UN3121 Minority Literature in Modern China. 4 points.**

While the rise of China on the world stage has resulted in enormous interest in modern Chinese society, this interest has been directed largely at the culture and concerns of China's majority ethnicity: the Han. Ethnicity is central to any discussion of society and culture in the West, and this course will seek to place it at the forefront of our understanding of modern China as well. China is officially a country comprised of 56 distinct peoples or "nationalities" (including the Han Chinese majority). In the literature presented here, translated both from Chinese and minority languages, students will have the opportunity to hear the rich and varied voices of China's minority writers first hand, and through them gain an understanding of the key issues surrounding ethnicity in modern China. We will cover fiction, poetry, essays, and film by a broad range of different peoples: Tibetans, Mongols, Manchus, the Islamic Uyghur nationality of Xinjiang province, the Yi of southwestern Yunnan and Sichuan provinces, the indigenous writers of Taiwan, and others. We will pay close attention to how minority writers explore and assert their identities in a Han-dominated society, how their work can broaden our understanding of the cultural diversity at play in modern China, and how it can challenge our conventional definitions of what constitutes modern Chinese literature and culture. The course begins by considering the role of ethnicity and nation in the birth and development of Chinese literature

in the 20th century, before moving on to examine works by specific ethnicities. Finally, we will address certain issues faced by minorities in China that cut across ethnic lines. Throughout, we will address some of the most pressing concerns of minority ethnicities, concerns that are deeply significant not only to our understanding of modern China, but to the modern world at large. Familiarity with Chinese or related cultural context beneficial, but not required.

#### **Fall 2018: EAAS UN3121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3121	001/76029	T 4:10pm - 6:00pm 201 80 Claremont	Christopher Peacock	4	17/15

### **EAAS UN3207 Lights, Camera, Action: The Visual Culture of K-pop. 4 points.**

In this course, we will explore the total political economy of culture that is K-pop, simultaneously a State-sponsored industry, an agency-generated cultural product, and a fandom-distributed community. In the recent years, scholars in various sectors have been actively demystifying the many social performances entailing K-pop through the frames of globalization and transnationalism. To see K-pop as transnationalism in performance is to construe it not as unidirectional or monolithic, but as a constant interpellation between national export and transnational transaction, each utterance refracted a mile a minute by its "glocal (global and local)" performers through social and web-based media. Paying particular attention to how such identities are negotiated within the portmanteau "K-pop," we will engage with the critical frames of Korean studies, performance studies, and media & visual culture to explore its major topics and defining moments in rigorously discussion-based seminars.

#### **Spring 2019: EAAS UN3207**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3207	001/22048	W 10:10am - 12:00pm 507 Philosophy Hall	So-Rim Lee	4	13/15

### **EAAS UN3123 Women in Early Modern China and Japan. 4 points.**

This undergraduate seminar is an introduction to early modern Chinese and Japanese societies and cultures through the perspective of women. It is designed to provide students with a broad overview of influential scholarly works that has shaped the fields as well as familiarize students with relevant topics. This course is mainly designed for students majoring in Chinese or Japanese histories or literature, East Asian studies, and gender studies. Those in other disciplines who are interested are welcome to join in. No background knowledge of the Chinese or Japanese language is required.

### **EAAS UN3230 Labor, Love, and Leisure in Contemporary China. 3 points.**

This course offers an introduction to life in Reform era China. We will employ anthropological analysis to examine how Maoist legacies and recent state liberalization efforts shape everyday

experiences of labor, romance, and consumption. Scholarly texts will be supplemented with primary materials including political speeches, testimonies, and documentaries.

**EAAS UN3215 Korean Literature and Film. 3 points.**

Prerequisites: weekly film screening required.

Traces the history of Korean cinema and literature from 1945 to the present. Particular attention is given to the relationship between visual and literary representations of national division, war, gender, rapid industrialization, authoritarianism, and contemporary consumer culture.

**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.

**Spring 2019: EAAS UN3322**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3322	001/12164	W 4:10pm - 6:00pm 317 Hamilton Hall	Takuya Tsunoda	4	18/15

**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 2018: EAAS UN3343**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3343	001/80779	W 4:10pm - 6:00pm 522c Kent Hall	Takuya Tsunoda	4	12/15

**EAAS UN3412 Conflict and Culture in Korean History. 4 points.**

This course considers how accounts of conflict in Korean history reflect the development of core values, ethical priorities and emotions, and perceptions among Koreans from the late sixteenth century to the late twentieth century. By carefully examining the narrative and rhetorical styles of major accounts of problems such as wars, political strife, family tensions, and intellectual and personal tribulations at a given cultural and historical time, students will not only understand how Koreans have dealt with conflict throughout history but will also develop reading strategies for primary sources contested by and narrated in a multiplicity of ideologies, genres, and voices.

**Spring 2019: EAAS UN3412**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3412	001/74529	M 2:10pm - 4:00pm Room TBA	Jungwon Kim, Theodore Hughes	4	15/18

**EAAS UN3710 Fiction, Film, and the Making of Modern Vietnams. 4 points.**

This course examines film, tv, and a variety of short fiction as vehicles for the production of Vietnamese cultural identities in the modern era.

**Spring 2019: EAAS UN3710**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3710	001/97947	Th 2:10pm - 4:00pm 4c Kraft Center	John Phan	4	12/15

**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.

**Spring 2019: HSEA UN3871**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3871	001/68314	T 4:10pm - 6:00pm 212a Lewisohn Hall	Gregory Pflugfelder	3	13/18

**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 2019: HSEA UN3898**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/18109	T 10:10am - 12:00pm 311 River Side Church	Morris Rossabi	3	26/25

**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 2019: EAAS UN3901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3901	001/17174		John Phan	2	9/15

**EAAS UN3971 Technology and Power in Modern China. 4 points.**

Prerequisites: Any introductory level course on China or East Asia. Undergraduate seminar addressing the intersection of technology and politics in the history of modern China, from the 19th century to the present. Main themes include technocratic management of land and environment, scientific representation of nature and Chinese society, and socialist approaches to mass organization and surveillance.

**Spring 2019: EAAS UN3971**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3971	001/11296	Th 10:10am - 12:00pm 401 Hamilton Hall	Jian Ming Chang	4	10/18

**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.

**Spring 2019: EAAS UN3990**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3990	001/23542	W 4:10pm - 6:00pm 707 Hamilton Hall	Robert Hymes	4	25/25

**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 2018: EAAS UN3999**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3999	001/70276	M 6:10pm - 8:00pm 313 Hamilton Hall	Chloe Estep	1	10/25

**JPNS GU4035 Reading and Translating Modern Japanese Literature. 4 points.**

Prerequisites: Equivalent of four years of Modern Japanese, or three years of Modern Japanese with Classical Japanese.

In this course, students will have the opportunity to apply and improve their Japanese language skills through translating works of modern Japanese literature in a variety of genres, including narrative fiction, personal essay, and criticism, while considering the various interpretive, aesthetic, and linguistic challenges posed by literary translation generally, and the translation of Japanese into English, specifically. Students are required to have either completed the equivalent of four years of Modern Japanese or three years of Modern Japanese in conjunction with Classical Japanese.

**Spring 2019: JPNS GU4035**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4035	001/28428	T 2:10pm - 4:00pm 522a Kent Hall	Charles Woolley	4	5/10

**EARL GU4120 Chan/Zen Buddhism. 4 points.**

Prerequisites: Some background in East Asian Buddhism, or instructor permission required.

Zen has become a household term, but the reality behind this term is not well known. Originating in China around the 6th century C.E., the Chan/Zen tradition became one of the major Buddhist schools and rapidly spread to Korea, Japan, Vietnam (and, to a certain extent, Tibet). This course examines some aspects of this tradition, emphasizing its historical development, its mythological elements, and its multifaceted practice, which has for too long been reduced in the Western mind to meditation.

**Spring 2019: EARL GU4120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4120	001/67208	M 4:10pm - 6:00pm 301m Fayerweather	Bernard Faure	4	10/15



**EAAS GU4122 Japanese New Wave and Cinematic Modernism. 4 points.**

This course will delve into an analytical reconsideration of postwar Japanese cinema specifically from the perspective of the Japanese New Wave. While we will aim to capture the exhilaration of the Japanese New Wave by closely analyzing existing studies on some of its key makers and their works, special attention will be given to what is left out of the category as it is conventionally understood, drawing on marginalized works and genres, such as educational and industrial films as well as pink films.

**Fall 2018: EAAS GU4122**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4122	001/91646	M 4:10pm - 6:00pm 652 Schermerhorn Hall	Takuya Tsunoda	4	15/15

**HSEA GU4221 Many Belts, Many Roads: China and the Islamic World, c.600AD-Present. 4 points.**

This seminar explores historical interactions between China and the Islamic world across the greater Indian Ocean region, sometimes called the "maritime Silk Road." It gives special attention to the millions of Muslims in China itself, who have played an important role bridging these diverse spaces and cultures. Complicating conventional definitions of China, Islam, and the nation-state, this course illuminates many under-studied aspects of Asian and global history, Chinese state and society, and international relations.

**Spring 2019: HSEA GU4221**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4221	001/62796	Th 4:10pm - 6:00pm 308a Lewisohn Hall	John Chen	4	11/15

**EAAS GU4232 Trauma and Testimonial Narrative in Post-Mao Chinese Literature. 3 points.**

Is the Cultural Revolution the Holocaust of China? Such analogy is often evoked to imply more than a mere rhetoric of accusation. This seminar explores the rise of testimonial literature—known as "Scar Literature"—that began to appear in print immediately after the Cultural Revolution in Mainland China. We will examine how this literature repudiates the repressions, violence and chaos of the Maoist era and speaks to the collective experience of Chinese intellectuals. We will analyze how this body of testimonial literature and related film productions bear witness to the suffering of intellectuals and render it commensurate or not commensurate with the genre of Holocaust literature. Our goal is to achieve a deeper understanding of the tragedy of the Cultural Revolution and its historical roots beyond analogical thinking. Topics of discussion include individual and collective memories, trauma, storytelling, social protest and moral accountability. All readings are in English.

**Fall 2018: EAAS GU4232**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4232	001/66481	M 4:10pm - 6:00pm	Yan Wang	3	18/24

307 Pupin  
Laboratories

**EAAS GU4244 Chinese Internet Culture. 4 points.**

This course introduces Chinese internet culture by examining interactive literary communities, multimedia platforms, cyber-nationalism, web-based activism, and the possibility of the internet commons in mainland China. We will pay close attention to the figure of netizen, online piracy, cyberbullying, censorship, and growing addiction to virtual reality among the Chinese youth. Topics of discussion include, for example, the tension between connectivity and control, between imitation and innovation, and between the real and the virtual. We will explore these new developments in media technology primarily from social, political, and international perspectives. The goal is to understand how the rapid proliferation of digital technologies has helped create a new landscape of popular culture across mass media and transformed contemporary Chinese society.

**Spring 2019: EAAS GU4244**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4244	001/63521	M 4:10pm - 6:00pm 522c Kent Hall	Yan Wang	4	12/15

**EARL GU4320 Buddhism and Korean Culture. 4 points.**

Since Buddhism was introduced to Korea 1,600 years ago, the religion has had great impact on almost all aspects of the Korean society, making significant contributions to the distinct development of Korean culture. In this course, we will explore how Buddhism has influenced and interacted with various fields of Korean culture such as art, architecture, literature, philosophy, politics, religions, and popular culture. Buddhist scriptures, written in classical Chinese, with their colorful imaginations, have stimulated the development of Korean literature. Buddhist art, sculpture, and architecture have also catalyzed the Korean counterparts to bloom. The sophisticated philosophy and worldview of Buddhism, along with its diverse religious practices and rituals have added richness to the spiritual life of Korean people. Buddhism also attracted a significant number of followers, often playing important roles in politics. Throughout the course, we will not only investigate the influence of Buddhism on diverse aspects of Korean culture on their forms and at their depths, but also examine the interactions between Buddhism and other religions, as well as politics. Students will learn how Korean people have formed and reformed Korean culture through the medium of Buddhism.

**Spring 2019: EARL GU4320**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4320	001/75900	W 12:10pm - 2:00pm 607 Hamilton Hall	Seong-Uk Kim	4	11/15

**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.

#### Spring 2019: RELI GU4513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4513	001/73173	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	4	15/20

#### 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 20<sup>th</sup> 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.

#### Spring 2019: RELI GU4516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4516	001/17396	W 2:10pm - 4:00pm 201 80 Claremont	Nicholas Bartlett, Katherine Pratt Ewing	4	4/20

#### HSEA GU4700 Rise of Modern Tibet: History and Society, 1600-1913. 4 points.

Rise of Modern Tibet

#### Spring 2019: HSEA GU4700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4700	001/64697	Th 2:10pm - 4:00pm C01 80 Claremont	Gray Tuttle	4	13/20

#### HSEA GU4712 Local History in Tibet. 4 points.

Tibetan culture covers an area roughly the size of Western Europe, yet most regions have not been the subject of sustained historical study. This course is designed for students interested in studying approaches to local history that attempt to ask large questions of relatively small places. Historiographic works from Tibetan studies (where they exist) will be examined in comparison with approaches drawn mainly from European and Chinese studies, as

well as theories drawn from North/South American and Southeast Asian contexts. Given the centrality of Buddhist monasteries to Tibetan history (as "urban" centers, banks, governments, educational institutions, etc.) much of the course will deal with these.

#### Spring 2019: HSEA GU4712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4712	001/19091	T 2:10pm - 4:00pm 224 Pupin Laboratories	Gray Tuttle	4	13/20

#### 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.

#### Fall 2018: HSEA GU4725

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4725	001/25516	T 2:10pm - 4:00pm 307 Pupin Laboratories	Gray Tuttle	4	10/20

#### EAAS GU4727 Soseki and World Literature. 4 points.

This seminar will focus on the writings, especially the novels, of Natsume Soseki (1868-1915), the pivotal author of early twentieth century Japan. His work inherited, and further spawned, a complex legacy: the prose and poetry of pre-modern Japan; a long tradition of translating of "writing" Chinese literary texts into Japanese; and, by the mid-nineteenth century, other waves of translation from several European languages (for Soseki, the most significant one being English). Soseki came of age and began to write in the period between the Sino-Japanese and Russo-Japanese wars, during which he received modest government support to be as scholar in residence in London. In his criticism, and even more deeply in his fiction, he grappled with issues of unsettlement, displacement, and betrayal, as Japan was moving from a secure sense of itself within an East Asian

frame of cultural reference, toward one dominated by Western standards of taste and value. Later Japanese writers, as different as Akutagawa Ryunosuke, Abe Kobo, Oe Kenzaburo, and Murakami Haruki, all acknowledge their debt to Soseki, for the power of his writing about characters without a "country" home or a stable sense of their own selves, amid a global clash of civilizations, and of empire-building strife.

**Spring 2019: EAAS GU4727**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4727	001/71657	W 4:10pm - 6:00pm 522c Kent Hall	Paul Anderer	4	8/15

**HSEA GU4813 Early Tibetan History and Its Relations with China. 4 points.**

This course is an introduction to the early period of Tibetan history, with an emphasis on its relations with China, using scholarly studies based on Tibetan and Chinese primary sources.

**Spring 2019: HSEA GU4813**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4813	001/63597	T 4:10pm - 6:00pm 606 Lewisohn Hall	Eveline Yang	4	4/12

**HSEA GU4847 Modern Japan. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement  
**Not offered during 2018-19 academic year.**

This course explores the history of Japan between 1800 and the present, with a particular focus on the 20th century. The course draws upon a combination of primary source materials (political documents, memoirs, oral histories, journalism, fiction, film) and scholarly writings in order to gain insight into the complex and tumultuous process by which Japan became an industrialized society, a modern nation-state, and a world power.

**Spring 2019: HSEA GU4847**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4847	001/21912	W 2:10pm - 4:00pm 624 Kent Hall	Paul Kreitman	4	12/25

**HSEA GU4860 Culture and Society of Choson Korea, 1392-1910. 3 points.**

Major cultural, political, social, economic and literary issues in the history of this 500-year long period. Reading and discussion of primary texts (in translation) and major scholarly works. All readings will be in English.

**Fall 2018: HSEA GU4860**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4860	001/20826	M 2:10pm - 4:00pm 424 Pupin Laboratories	Jungwon Kim	3	17/20

**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 2018: HSEA GU4880**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/29475	T Th 10:10am - 11:25am 413 Kent Hall	Ulug Kuzuoglu	3	50/60

**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 2019: HSEA GU4882**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4882	001/28439	T Th 10:10am - 11:25am 5ab Kraft Center	Eugenia Lean	3	28/50

## 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 2019: CHNS UN1010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1010	001/10910	M W 8:50am - 9:55am 522d Kent Hall	Ting Wen	2.5	6/12
CHNS 1010	002/61389	T Th 8:50am - 9:55am 424 Kent Hall	Shaoyan Qi	2.5	10/12
CHNS 1010	003/24904	M W 11:40am - 12:45pm 303 Hamilton Hall	Ting Wen	2.5	9/12
CHNS 1010	004/19061	T Th 11:40am - 12:45pm 522d Kent Hall	Shaoyan Qi	2.5	10/12

**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 2018: CHNS UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1011	001/70138	M W 8:50am - 9:55am 405 Kent Hall	Yuyu Chen	2.5	11/12
CHNS 1011	002/67351	M W 11:40am - 12:45pm 254 International Affairs Bldg	Ting Wen	2.5	11/12

#### 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 2018: CHNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1101	001/68149	M T W Th 8:50am - 9:55am 522b Kent Hall	Jia Xu	5	15/12
CHNS 1101	002/70428	M T W Th 1:10pm - 2:15pm 405 Kent Hall	Xiaodan Wang	5	7/12
CHNS 1101	003/65489	M T W Th 10:10am - 11:15am 405 Kent Hall	Xiaodan Wang	5	10/12
CHNS 1101	004/71342	M T W Th 11:40am - 12:45pm 522d Kent Hall	Lingjun Hu	5	8/12
CHNS 1101	005/60725	M T W Th 2:40pm - 3:45pm 522d Kent Hall	Tianqi Jiang	5	9/12
CHNS 1101	006/29555	M T W Th 4:10pm - 5:15pm 522d Kent Hall	Ling Yan	5	14/12
CHNS 1101	007/10448	M T W Th 6:10pm - 7:15pm 522d Kent Hall	Yuyu Chen	5	8/12

#### 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 2019: CHNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHNS 1102	001/76618	M T W Th 8:50am - 9:55am 522b Kent Hall	Jia Xu	5	15/12
CHNS 1102	002/24920	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Wenlian Zhang	5	7/12
CHNS 1102	003/12059	M T W Th 2:40pm - 3:45pm 507 Hamilton Hall	Tianqi Jiang	5	8/12
CHNS 1102	004/26885	M T W Th 10:10am - 11:15am 411 Kent Hall	Xiaodan Wang	5	13/12
CHNS 1102	005/61060	M T W Th 11:40am - 12:45pm 6c Kraft Center	Lingjun Hu	5	9/12
CHNS 1102	006/21714	M T W Th 4:10pm - 5:15pm 222 Pupin Laboratories	Ling Yan	5	15/12
CHNS 1102	007/61205	M T W Th 6:10pm - 7:15pm 255 International Affairs Bldg	Ximo Tong	5	10/12

#### 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 2018: CHNS UN1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1111	001/63735	M W F 10:10am - 11:25am 106b Lewisohn Hall	Tianqi Jiang	5	11/12
CHNS 1111	002/19586	M T Th 4:10pm - 5:25pm 522c Kent Hall	Hailong Wang	5	11/12

#### 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 2019: CHNS UN1112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1112	001/19894	M W F 10:10am - 11:25am 436 Horace Mann Hall	Tianqi Jiang	5	13/12



CHNS 1112	002/16957	M T Th 4:10pm - 5:25pm 405 Kent Hall	Hailong Wang	5	12/12
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**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 2018: CHNS UN2201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2201	001/71372	M T W Th 10:10am - 11:15am 522b Kent Hall	Jia Xu	5	11/12
CHNS 2201	002/70013	M T W Th 11:40am - 12:45pm 405 Kent Hall	Xiaodan Wang	5	16/12
CHNS 2201	003/74058	M T W Th 1:10pm - 2:15pm 522b Kent Hall	Shaoyan Qi	5	10/12
CHNS 2201	004/71345	M T W Th 2:40pm - 3:45pm 424 Kent Hall	Yunda Li	5	13/12
CHNS 2201	005/60750	M T W Th 4:10pm - 5:15pm 411 Kent Hall	Junli Shen	5	7/12
CHNS 2201	006/66335	M T W Th 6:10pm - 7:15pm 423 Kent Hall	Wenlian Zhang	5	8/12

**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 2019: CHNS UN2202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2202	001/23968	M T W Th 10:10am - 11:15am 522b Kent Hall	Jia Xu	5	11/12
CHNS 2202	002/23867	M T W Th 11:40am - 12:45pm 411 Kent Hall	Xiaodan Wang	5	13/12
CHNS 2202	003/71940	M T W Th 1:10pm - 2:15pm 522d Kent Hall	Shaoyan Qi	5	9/12

CHNS 2202	004/12172	M T W Th 2:40pm - 3:45pm 511 Hamilton Hall	Yunda Li	5	14/12
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CHNS 2202	005/67765	M T W Th 4:10pm - 5:15pm 253 Engineering Terrace	Junli Shen	5	10/12
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CHNS 2202	006/21701	M T W Th 6:10pm - 7:15pm 509 Hamilton Hall	Wenlian Zhang	5	8/12
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**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

**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 2019: CHNS UN2222**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2222	001/63496	M W Th 10:10am - 11:25am 304 Warren Hall (Law)	Junli Shen	5	12/12

**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 2018: CHNS UN3003**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3003	001/22491	M T W Th 8:50am - 9:55am 423 Kent Hall	Zhirong Wang	5	9/12
CHNS 3003	002/60844	M T W Th 10:10am - 11:15am 408 Hamilton Hall	Yunda Li	5	12/12
CHNS 3003	003/14380	M T W Th 1:10pm - 2:15pm 522d Kent Hall	Lingjun Hu	5	8/12
CHNS 3003	004/21457	M T W Th 11:40am - 12:45pm	Zhong Qi Shi	5	9/12

CHNS 3003	005/16374	411 Kent Hall M T W Th 4:10pm - 5:15pm 315 Hamilton Hall	Lingjun Hu	5	4/12
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**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 2019: CHNS UN3004**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3004	001/22577	M T W Th 8:50am - 9:55am 423 Kent Hall	Zhirong Wang	5	5/12
CHNS 3004	002/62274	M T W Th 10:10am - 11:15am 323a Thompson Hall (Tc)	Yunda Li	5	13/12
CHNS 3004	003/26568	M T W Th 1:10pm - 2:15pm 6c Kraft Center	Lingjun Hu	5	6/12
CHNS 3004	004/69002	M T W Th 11:40am - 12:45pm 408 Hamilton Hall	Zhong Qi Shi	5	6/12

**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 2018: CHNS UN3005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3005	001/63791	M W F 10:10am - 11:25am 652 Schermerhorn Hall	Hailong Wang	5	12/12

**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 2019: CHNS UN3006**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3006	001/18872	M W F 10:10am - 11:25am 318 Hamilton Hall	Hailong Wang	5	8/12

**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 2018: CHNS GU4012**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4012	001/73265	M T W Th 10:10am - 11:00am 424 Kent Hall	Zhong Qi Shi	5	12/12

**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 2019: CHNS GU4013**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4013	001/11439	M T W Th 10:10am - 11:00am 362 Grace Dodge Hall (Tc)	Zhong Qi Shi	4	13/12

**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 2018: CHNS GU4014**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4014	001/10201	M T W Th 9:10am - 10:00am 522d Kent Hall	Yuan-Yuan Meng	4	7/12
CHNS 4014	002/72343	M T W Th 10:10am - 11:00am 522d Kent Hall	Yuan-Yuan Meng	4	6/12

**CHNS GU4015 Fourth-Year Chinese I (N). 4 points.**Prerequisites: *CHNS W4004* or the equivalent.

Implements a wide range of reading materials to enhance the student's speaking and writing as well as reading skills. Supplemented by television broadcast news, also provides students with strategies to increase their comprehension of formal style of modern Chinese. CC GS EN CE

#### Fall 2018: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/27067	M T W Th 10:10am - 11:00am 6c Kraft Center	Ting Wen	4	9/12
CHNS 4015	002/92196	M W Th 6:10pm - 7:25pm 411 Kent Hall	Ling Yan	4	14/12

#### Spring 2019: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/14059	M T W Th 9:10am - 10:00am 6c Kraft Center	Yuan-Yuan Meng	4	8/12
CHNS 4015	002/24071	M T W Th 10:10am - 11:00am 6c Kraft Center	Yuan-Yuan Meng	4	5/12

#### CHNS GU4016 Fourth-Year Chinese II (N). 4 points.

Prerequisites: *CHNS G4015* or the equivalent.

Implements a wide range of reading materials to enhance the student's speaking and writing as well as reading skills. Supplemented by television broadcast news, also provides students with strategies to increase their comprehension of formal style of modern Chinese. CC GS EN CE

#### Spring 2019: CHNS GU4016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4016	001/76382	M T W Th 10:10am - 11:00am 522d Kent Hall	Ting Wen	4	6/12
CHNS 4016	002/72647	M W Th 6:10pm - 7:25pm 522d Kent Hall	Ling Yan	4	14/12

#### 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 2018: CHNS GU4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4017	001/27699	M W F 11:40am - 12:55pm 6c Kraft Center	Wenlian Zhang	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.

#### 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 2018: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/28094	T Th 10:10am - 11:25am 423 Kent Hall	Zhirong Wang	3	12/12

#### Spring 2019: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/75150	T Th 10:10am - 11:25am 423 Kent Hall	Zhirong Wang	3	10/15

#### 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 2018: CHNS GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4301	001/64829	M W F 11:00am - 11:50am 423 Kent Hall	Lening Liu	3	10/12

#### 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 2019: CHNS GU4302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4302	001/22148	M W 11:00am - 11:50am 225 Milbank Hall	Lening Liu	3	10/20
CHNS 4302	001/22148	F 11:10am - 11:50am 225 Milbank Hall	Lening Liu	3	10/20

#### 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 2018: CHNS GU4507**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4507	001/60850	T Th 10:10am - 11:25am 307 Pupin Laboratories	Wei Shang	4	13/15

**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 2019: CHNS GU4508**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4508	001/71800	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Harrison Huang	4	5/15

**CHNS GU4516 FIFTH YEAR CHINESE I. 4 points.**

updating...

**Fall 2018: CHNS GU4516**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4516	001/69171	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Lening Liu	4	7/12

**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 2018: CHNS GU4904**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4904	001/10806	T Th 2:40pm - 3:55pm 522b Kent Hall	Shaoyan Qi	4	6/12

**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 2019: JPNS UN1001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1001	001/21153	M W 11:40am - 12:45pm 522c Kent Hall	Naofumi Tatsumi	2.5	9/15
JPNS 1001	002/25373	M W 5:40pm - 6:45pm 424 Kent Hall	Toshiko Omori	2.5	16/15
JPNS 1001	003/71946	T Th 11:40am - 12:45pm 522c Kent Hall	Miharu Nittono	2.5	12/15
JPNS 1001	004/70892	T Th 5:40pm - 6:45pm 522b Kent Hall	Toshiko Omori	2.5	13/15

**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 2018: JPNS UN1002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1002	001/27040	M W 5:40pm - 6:45pm 522b Kent Hall	Asami Tsuda	2.5	7/15
JPNS 1002	002/24483	T Th 5:40pm - 6:45pm 522b Kent Hall	Asami Tsuda	2.5	11/15

**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 2018: JPNS UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1101	001/72139	M T W Th 10:10am - 11:15am 522c Kent Hall	Fumiko Nazikian	5	18/15
JPNS 1101	002/73817	M T W Th 11:40am - 12:45pm 522b Kent Hall	Naofumi Tatsumi	5	18/15
JPNS 1101	003/64466	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Shigeru Eguchi	5	15/15
JPNS 1101	004/64491	M T W Th 2:40pm - 3:45pm 405 Kent Hall	Keiko Okamoto	5	17/15
JPNS 1101	005/24697	M T W Th 4:10pm - 5:15pm 423 Kent Hall	Asami Tsuda	5	14/15



**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 2019: JPNS UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1102	001/67220	M T W Th 10:10am - 11:15am 522c Kent Hall	Naofumi Tatsumi	5	5/15
JPNS 1102	002/27342	M T W Th 11:40am - 12:45pm 405 Kent Hall	Fumiko Nazikian	5	17/15
JPNS 1102	003/66692	M T W Th 1:10pm - 2:15pm 522c Kent Hall	Naofumi Tatsumi	5	11/15
JPNS 1102	004/71308	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Keiko Okamoto	5	13/15
JPNS 1102	005/27564	M T W Th 4:10pm - 5:15pm 423 Kent Hall	Asami Tsuda	5	15/15
JPNS 1102	006/22319	M T W Th 5:40pm - 6:45pm 423 Kent Hall	Asami Tsuda	5	16/15

**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 2018: JPNS UN2201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 2201	001/27802	M T W Th 10:10am - 11:15am 502 Northwest Corner	Jisuk Park	5	13/15
JPNS 2201	002/71475	M T W Th 11:40am - 12:45pm 522c Kent Hall	Fumiko Nazikian	5	16/15
JPNS 2201	003/29043	M T W Th 1:10pm - 2:15pm 423 Kent Hall	Miharu Nittono	5	9/15
JPNS 2201	004/63110	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Kyoko Loetscher	5	16/15

**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 2019: JPNS UN2202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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JPNS 2202	001/74185	M T W Th 10:10am - 11:15am 405 Kent Hall	Fumiko Nazikian	5	7/15
JPNS 2202	002/67337	M T W Th 11:40am - 12:45pm 423 Kent Hall	Shigeru Eguchi	5	9/15
JPNS 2202	003/21760	M T W Th 1:10pm - 2:15pm 522b Kent Hall	Miharu Nittono	5	8/15
JPNS 2202	004/66814	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Kyoko Loetscher	5	17/15

**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 2018: JPNS UN3005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3005	001/19041	M T W Th 11:40am - 12:45pm 4c Kraft Center	Keiko Okamoto	5	11/15
JPNS 3005	002/18344	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Kyoko Loetscher	5	13/15
JPNS 3005	003/76795	M T W Th 10:10am - 11:15am 522a Kent Hall	Naofumi Tatsumi	5	2/12

**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 2019: JPNS UN3006**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3006	001/60299	M T W Th 11:40am - 12:45pm 4a Kraft Center	Keiko Okamoto	5	8/15
JPNS 3006	002/73623	M T W Th 2:40pm - 3:45pm 522b Kent Hall	Kyoko Loetscher	5	14/15

**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 2018: JPNS GU4007**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4007	001/29213	T Th 10:10am - 11:25am 4c Kraft Center	Charles Woolley	4	14/15

**JPNS GU4008 Readings in Classical Japanese. 4 points.**

Close readings of specific texts, as well as methods, skills, and tools.

**Spring 2019: JPNS GU4008**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4008	001/63169	T Th 10:10am - 11:25am 407 Mathematics Building	Tomi Suzuki	4	11/15

**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 2018: JPNS GU4017**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4017	001/20275	M W F 10:10am - 11:25am 254 International Affairs Bldg	Shigeru Eguchi	4	8/12
JPNS 4017	002/76249	M W F 1:10pm - 2:25pm 522c Kent Hall	Jisuk Park	4	10/12

**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 2019: JPNS GU4018**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4018	001/60863	M W F 10:10am - 11:25am 423 Kent Hall	Shigeru Eguchi	4	7/12
JPNS 4018	002/17362	M W F 1:10pm - 2:25pm 423 Kent Hall	Shigeru Eguchi	4	7/12

**JPNS GU4519 Kanbun. 3 points.**

Prerequisites: *JPNS W4007* or the equivalent.

Introduction to the fundamentals of reading Chinese-style Japanese and related forms, using literary and historical texts. CC GS EN CE GSAS

**Fall 2018: JPNS GU4519**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4519	001/64911	M W 10:10am - 11:25am 4c Kraft Center	David Lurie	3	14/15

**JPNS GR5016 FIFTH YEAR JAPANESE I. 4 points.**

Prerequisites: Students must meet with the instructor prior to taking the course.

This course is intended to help students increase their ability level in the four core language skills (reading, writing, listening, and speaking) from advanced to super-advanced. It serves as a bridge between mastering the overall Japanese language and using it for analysis, research, and literary criticism. This is a mandatory course for Ph.D students in Japanese Studies.

**Fall 2018: JPNS GR5016**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 5016	001/60846	M W 11:40am - 12:55pm 522a Kent Hall	Miharu Nittono	4	13/10

**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 2019: KORN UN1001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1001	001/76901	M W 2:40pm - 3:45pm 424 Kent Hall	Hyunkyu Yi	2.5	22/16
KORN 1001	002/15388	T Th 2:40pm - 3:45pm 509 Hamilton Hall	Hyunkyu Yi	2.5	16/16
KORN 1001	003/17587	M W 11:40am - 12:45pm 411 Hamilton Hall	Seunghyo Ryu	2.5	11/16
KORN 1001	004/16294	T Th 11:40am - 12:45pm 424 Pupin Laboratories	Seunghyo Ryu	2.5	11/16
KORN 1001	005/89817	M W 4:10pm - 5:15pm 411 Hamilton Hall	Hyunkyu Yi	2.5	17/16

**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 2018: KORN UN1002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1002	001/74687	M W 2:40pm - 3:45pm 522b Kent Hall	Hyunkyu Yi	2.5	16/16
KORN 1002	002/73480	T Th 2:40pm - 3:45pm 522c Kent Hall	Hyunkyu Yi	2.5	8/16

**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 2018: KORN UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1101	001/27160	M T W Th 11:40am - 12:45pm 424 Kent Hall	Eunice Chung	5	16/16
KORN 1101	002/66328	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Ji-Young Jung	5	17/16
KORN 1101	003/10893	M T W Th 2:40pm - 3:45pm 411 Kent Hall	Joowon Suh	5	10/16
KORN 1101	004/75736	M T W Th 4:10pm - 5:15pm 405 Kent Hall	Ga Hye Song	5	10/16

**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 2019: KORN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1102	001/29931	M T W Th 11:40am - 12:45pm 253 Engineering Terrace	Eunice Chung	5	15/16
KORN 1102	002/64661	M T W Th 1:10pm - 2:15pm C01 Knox Hall	Ji-Young Jung	5	15/16
KORN 1102	003/10113	M T W Th 2:40pm - 3:45pm 316 Hamilton Hall	Joowon Suh	5	15/16
KORN 1102	004/60905	M T W Th 4:10pm - 5:15pm 424 Kent Hall	Ga Hye Song	5	13/16

**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 2018: KORN UN2201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2201	001/22455	M T W Th 11:40am - 12:45pm 543 Grace Dodge Hall (Tc)	Seunghye Back	5	7/16
KORN 2201	002/63855	M T W Th 2:40pm - 3:45pm 315 Hamilton Hall	Beom Lee	5	15/16

KORN 2201	003/74422	M T W Th 4:10pm - 5:15pm 424 Kent Hall	Eunice Chung	5	16/16
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**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 2019: KORN UN2202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2202	001/64475	M T W Th 11:40am - 12:45pm 307 Pupin Laboratories	Seunghye Back	5	9/16
KORN 2202	002/77732	M T W Th 2:40pm - 3:45pm 616 Hamilton Hall	Beom Lee	5	23/16
KORN 2202	003/18844	M T W Th 4:10pm - 5:15pm 313 Pupin Laboratories	Eunice Chung	5	10/16

**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 2018: KORN UN3005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3005	001/73247	M T W Th 11:40am - 12:45pm 4a Kraft Center	Hyunkyu Yi	5	13/16
KORN 3005	002/28545	M T W Th 10:10am - 11:15am 4a Kraft Center	Ji-Young Jung	5	9/16

**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 2019: KORN UN3006**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3006	001/61251	M T W Th 11:40am - 12:45pm 4c Kraft Center	Hyunkyu Yi	5	11/16
KORN 3006	002/21825	M T W Th 10:10am - 11:15am 4c Kraft Center	Ji-Young Jung	5	7/16

**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 2018: KORN GU4105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4105	001/75029	M W Th 10:10am - 11:25am 271 Grace Dodge Hall (Tc)	Beom Lee	4	5/12

**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 2019: KORN GU4106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4106	001/61530	M W Th 10:10am - 11:25am 624 Kent Hall	Beom Lee	4	5/12

**KORN GU4511 FIFTH YEAR KOREAN I. 4 points.**

Please see department for details.

**Fall 2018: KORN GU4511**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4511	001/67612	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Joowon Suh	4	7/12

**TIBETAN LANGUAGE COURSES****TIBT UN1410 FIRST YEAR CLASSICAL TIBETAN I. 4 points.**

First year Classical Tibetan

**Fall 2018: TIBT UN1410**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1410	001/11523	M W 4:10pm - 6:00pm 352b International Affairs Bldg	Kunchog Tseten	4	4/15

**TIBT UN1411 Elementary Classical Tibetan II. 3 points.****Spring 2019: TIBT UN1411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1411	001/28382	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 2018: TIBT UN1600**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1600	001/76200	M T W Th 12:10pm - 1:00pm 352b International Affairs Bldg	Sonam Tsering	5	7/15

**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 2019: TIBT UN1601**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1601	001/65591	M T W Th 12:10pm - 1:00pm 352b International Affairs Bldg	Sonam Tsering	5	6/15

**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 2018: TIBT UN3611**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3611	001/19598	T Th 10:10am - 11:25am 352c International Affairs Bldg	Sonam Tsering	4	2/15

**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 2019: TIBT UN3612**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3612	001/22344	T Th 10:10am - 11:25am	Sonam Tsering	4	4/15



352c International  
Affairs Bldg

## 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 2018: VIET UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1101	001/11746	M T W Th 10:10am - 11:15am 107a Journalism Building	Chung Nguyen	5	7/15

### 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 2019: VIET UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1102	001/12186	M T W Th 10:10am - 11:15am 4a Kraft Center	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 2018: VIET UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 2101	001/17203	Th 12:30pm - 1:45pm 6c Kraft Center	Chung Nguyen	5	3/15
VIET 2101	001/17203	M T 1:10pm - 2:25pm 6c Kraft Center	Chung Nguyen	5	3/15

### 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.

## OF RELATED INTEREST

### Art History

AHIS UN2602	The Arts of Japan
AHUM UN2604	Art In China, Japan, and Korea

### History

HIST UN2580	THE HISTORY OF UNITED STATES RELATIONS WITH EAST ASIA
HIST UN3866	Wars for Indochina

### Music

AHMM UN3320	Introduction To the Musics of East Asia and Southeast Asia
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### Political Science

POLS UN3556	The Rise of India & China
POLS GU4406	Politics in Contemporary China
POLS GU4473	Political Transitions in Southeast Asia
POLS GU4871	China's Foreign Relations

### Religion

RELI UN2205	Buddhism: Indo-Tibetan
RELI UN2308	Buddhism: East Asian
RELI UN2307	Chinese Religious Traditions
RELI GU4307	Interactions of Buddhism and Daoism in China

# 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](mailto:mp2434@columbia.edu)

**Evolutionary Biology of the Human Species Adviser:** Dr.  
Jill Shapiro, 1011 Schermerhorn Extension; 212-854-5819;  
[jss19@columbia.edu](mailto:jss19@columbia.edu)

**Director, Administration and Finance:** Lourdes A.  
Gautier, 1014B Schermerhorn Extension; 212-854-8665;  
[lg2019@columbia.edu](mailto: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 of the human species is also known as biological anthropology. As an interdisciplinary major, students are also encouraged to draw on courses in related fields including biology, anthropology, geology, and psychology as part of their studies.

## 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 Burbink  
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:

EEESC UN2100	Earth's Environmental Systems: The Climate System
EEESC 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
BIOL BC2286	Statistics and Research Design
STAT UN1101	Introduction to Statistics
STAT UN1201	Calculus-Based Introduction to Statistics

One term of calculus such as the following:

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN1201	Calculus III
MATH UN1202	Calculus IV

### Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

1. Ecology, behavior, or conservation biology;
2. Evolution or genetics;
3. Morphology, physiology, or diversity;
4. Policy or economics;
5. One additional course from the preceding four groups.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991- EEEB UN3992 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
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MATH UN1102	Calculus II
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MATH UN1201	Calculus III
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MATH UN1202	Calculus IV
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### Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

1. 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, SEE-U in Brazil or Jordan, or other relevant offerings.)
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## Theoretical Foundation from Related Fields

Select one course from each of the two subsets:

### Cultural Anthropology

ANTH UN1002	The Interpretation of Culture
ANTH UN2004	Introduction to Social and Cultural Theory
ANTH UN3040	Anthropological Theory I
ANTH UN2005	Ethnographic Imagination

### 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 - EEBB 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 EEBB UN2001 Environmental Biology I: Elements to Organisms or EEBB UN2002 Environmental Biology II: Organisms to the Biosphere) or advanced evolution course, a genetics course, and a statistics course. Students interested in forensic anthropology should take chemistry in lieu of biology (though the latter is recommended as a foundation course for all students). The adviser makes additional recommendations dependent on the student's area of focus.

## 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 <small>taught intermittently</small>

**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
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 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
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 EEB UN1010 Human Origins and Evolution, EEB 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 courses from cultural anthropology/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
EESC UN2200	Earth's Environmental Systems: The Solid Earth System



EESC UN2300	Earth's Environmental Systems: The Life System (equivalent to EEEB 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
EESC BC3017	Environmental Data Analysis
EESC BC3025	Hydrology
EESC GU4008	Introduction to Atmospheric Science
EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
EESC GU4223	Sedimentary Geology
EESC GU4550	Plant Ecophysiology
EESC GU4835	Wetlands and Climate Change
EESC GU4885	The Chemistry of Continental Waters
EESC GU4917	Earth/Human Interactions
EESC GU4926	Principles of Chemical Oceanography

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

## SPECIAL CONCENTRATION IN ENVIRONMENTAL BIOLOGY FOR ENVIRONMENTAL SCIENCE MAJORS

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

## Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	Environmental Biology I: 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
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## 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 2018

### 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 2018: EEEB UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1010	001/74033	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 2018: EEEB UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2001	001/18887	T Th 1:10pm - 2:25pm	Shahid Naeem,	3	30/40

603 Hamilton Hall    Dustin  
Rubenstein

Suzanne  
Macey

### EEEB 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 2019: EEEB UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3005	001/21452	M 6:10pm - 7:25pm 310 Fayerweather	Evan Eskew	3	29/40

### EEEB 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 2018: EEEB UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/27352	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Suzanne Macey	3	2/25

#### Spring 2019: EEEB UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/27691	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey	3	6/18

### EEEB 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 2018: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3992	001/20222	Th 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Matthew Palmer, Suzanne Macey	3	13/39

#### Spring 2019: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3992	001/74065	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer,	3	5/18

### EEEB 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 2018: EEEB UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3993	001/62552	Th 6:10pm - 8:00pm 865 Ext Schermerhorn Hall	Jill Shapiro	4	6/20

### EEEB 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 2018: EEEB UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3997	001/69757		Matthew Palmer	1-3	1/10
EEEB 3997	002/60087		Jill Shapiro	1-3	9/10

#### Spring 2019: EEEB UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3997	001/60433		Dustin Rubenstein	1-3	0/10

### EEEB GU4100 FOREST ECOLOGY. *4 points.*

Prerequisites: one year of college biology.

EEEB GU4100 Forest Ecology focuses on interpreting and understanding pattern and process in forested ecosystems. These ecosystems include the assemblages of trees and the biological communities and environments in which they exist. The complex interactions among the organisms and the physical environment are a major focus of this course. The course involves lecture, literature discussion, and field laboratory components, with an emphasis on the analysis and interpretation of student-collected data. FRIDAY MEETINGS WILL RUN ALL DAY IN SEPTEMBER and OCTOBER

#### Fall 2018: EEEB GU4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4100	001/68739	W 2:10pm - 4:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer	4	14/17
EEEB 4100	001/68739	F 9:00am - 1:00pm	Matthew Palmer	4	14/17

1015 Ext  
Schermerhorn Hall

### EEEB GU4140 Ornithology. 3 points.

Prerequisites: EEEB UN2001, EEEB UN2002, or equivalent.  
This basic ornithology class lays the foundation for more in-depth study as it presents an overview of avian evolution, ecology, and current conservation issues.

#### Fall 2018: EEEB GU4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4140	001/74604	W 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Felicity Arengo, Susan Elbin	3	15/25

### EEEB GU4201 Ecology, Behavior, and Conservation of Mammals . 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: A course in either organismal biology, evolution, ecology or permission of the instructor if G4200 was not taken.  
This course examines the wide ranging aspects of features of mammalian natural history, behavior and ecology, and considers the implications of these features on the conservation status of particular mammal taxa for the future. We will also explore particular conservation challenges for mammals such as bats, grazing mammals, and large carnivores in increasingly human-dominated landscapes. This course will be a combination of lecture and student led discussions related to the conservation issues facing mammals today.

#### Fall 2018: EEEB GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4201	001/98096	Th 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Scott Silver	3	23/25

### EEEB GU4260 Food, Ecology, and Globalization. 3 points.

Enrollment limited to 30.

Prerequisites: the instructor's permission.  
This class examines the social, ecological, and political economic roles of what and how we eat from a global perspective.

#### Fall 2018: EEEB GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4260	001/66992	W 6:10pm - 8:45pm 1015 Ext Schermerhorn Hall	Sharon Akabas, Eleanor Sterling	3	22/25

### 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 2018: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/22812	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack, Marya Pollack	4	19/20

#### Spring 2019: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/69519	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack, Marya Pollack	4	17/20

### EEEB GU4655 Biodiversity Conservation and Social Change. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Environmental programs worldwide are fraught with disputes between groups of people over natural resources. Such conflict can be highly complex, may undermine or deter environmental conservation efforts, and may even foster violence. These conflicts often involve disagreements between different human parties that are divided by culture, social values, and perceptions about the ethics and appropriateness of how resources should be allocated or used. Combining specific case studies, ecological and social theory, and a complex systems approach, this course will enhance the proficiency of participants to understand, study, and manage natural resource-based conflicts. The course is designed for conservation scientists, environmental policymakers, rural development specialists, political ecologists, and conflict/peace workers.

#### Fall 2018: EEEB GU4655

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4655	001/12976	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Alexandria Moore	3	15/25

### EEEB GU4666 Insect Diversity. 4 points.

Enrollment limited to 25. Priority given to undergraduate environmental biology majors.

Introduction to phylogenetic relationships, evolution, and ecology of the major groups of arthropods, with emphasis on insects. Lab: identification of common families of spiders and insects of the northeastern United States.

#### Fall 2018: EEEB GU4666

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4666	001/89530	Th 5:00pm - 8:00pm Room TBA	Steven Davis	4	3/25
EEEB 4666	001/89530	W 9:00am - 10:50am 1015 Ext Schermerhorn Hall	Steven Davis	4	3/25

### EEEB 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.

#### Fall 2018: EEEB GR5005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5005	001/16218	M 6:10pm - 7:25pm Room TBA		3	0/25

#### Spring 2019: EEEB GR5005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5005	001/28004	M 6:10pm - 7:25pm 310 Fayerweather	Evan Eskew	3	14/15

### EEEB GR5010 Statistical Modeling in Ecology and Evolutionary Biology. 6 points.

Lab Required

Enrollment limited to 12.

Prerequisites: basic statistics (e.g., *STAT W1111* and *STAT W1211*), core E3B grad courses (*EEEB G6110*, *EEEB G6112*, or *EEEB G6990*), or the instructor's permission.

An exploration of data-based models as tools for inference in ecological research. Emphasis on the formulation and development of scientific models, modern statistical and computational methods for estimating model parameters, and evaluation of alternate models using strength of evidence. Laboratory exercises challenge students to apply these methods to real ecological data, including their own research. The course also explores the philosophical underpinnings of different statistical schools of thought including frequentist, likelihoodist, and Bayesian approaches.

#### Fall 2018: EEEB GR5010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5010	001/69765	T 1:00pm - 4:00pm 252 Engineering Terrace	Maria Uriarte	6	15/20
EEEB 5010	001/69765	T Th 8:40am - 9:55am 1015 Ext Schermerhorn Hall	Maria Uriarte	6	15/20

### EEEB GR5015 Introduction to Statistics for Ecology and Evolutionary 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 2019: EEEB GR5015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5015	001/12938	M 7:40pm - 8:55pm 558 Ext Schermerhorn Hall	Evan Eskew	3	10/10
EEEB 5015	002/23661	W 7:40pm - 8:55pm 558 Ext Schermerhorn Hall	Evan Eskew	3	4/10

## SPRING 2019

### 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 2019: EEEB UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1005	001/23313	T 2:40pm - 3:55pm 1015 Ext Schermerhorn Hall	Jill Shapiro, Matthew Palmer	1	18/30

### 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 2019: EEEB UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1011	001/11659	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Marina Cords	3	32/50

### 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 2019: EEEB UN2002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2002	001/23538	M W 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Matthew Palmer	4	16/40

**EEEB 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 2019: EEEB UN3005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3005	001/21452	M 6:10pm - 7:25pm 310 Fayerweather	Evan Eskew	3	29/40

**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 2019: EEEB UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3011	001/19467	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Marina Cords	3	6/10

**EEEB UN3019 Principles of Animal Behavior. 4 points.**

This seminar provides an overview of animal behavior and behavioral ecology, with an emphasis on evolutionary theory. It will explore both the proximate and ultimate cause of behavior, taking an integrative approach that links levels of analysis. A mix of lecture and discussion will introduce students to a range of topics from the textbook and from critical theoretical and empirical papers. The course is writing intensive, and written assignments will encourage critical assessment of theory and

reviews of the literature. Please note that this seminar course is part of the Global Scholars Program in China: Adaptation to Changing Climates. The introductory seminar in Principles of Animal Behavior will provide students the foundation in animal behavior and behavioral ecology necessary to take Adaptation to Changing Climates in China during the summer. Only students admitted to the program can enroll in this course.

**Spring 2019: EEEB UN3019**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3019	001/10950	W 10:10am - 12:00pm 317 Hamilton Hall	Dustin Rubenstein	4	8/15

**EEEB 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 2019: EEEB UN3087**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3087	001/22799	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Alexandria Moore	3	9/30

**EEEB 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 2018-19 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.

**Spring 2019: EEEB UN3208**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3208	001/16186	T Th 1:10pm - 2:25pm 865 Ext Schermerhorn Hall	Jill Shapiro	3	7/14

**EEEB UN3215 Forensic Osteology. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: No prior experience with skeletal anatomy required though students must contact instructor for permission to register. Not appropriate for students who have already taken either G4147 or G4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone. Enrollment

limited to 15. Priority given to EBHS majors/concentrators.  
[Taught every other year.]

Suzanne  
Macey

**EEEB UN3220 The Evolution of Human Growth and Development. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement  
Taught intermittently. **Not offered during 2018-19 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.

**Spring 2019: EEEB UN3220**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3220	001/64117	T Th 11:40am - 12:55pm 425 Pupin Laboratories	Jessica Manser	3	9/13

**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 2018-19 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 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 2018: EEEB UN3991**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/27352	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Suzanne Macey	3	2/25

**Spring 2019: EEEB UN3991**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/27691	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer,	3	6/18

**EEEB 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 2018: EEEB UN3992**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3992	001/20222	Th 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Matthew Palmer, Suzanne Macey	3	13/39

**Spring 2019: EEEB UN3992**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3992	001/74065	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey	3	5/18

**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 2019: EEEB UN3994**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3994	001/28513	Th 6:10pm - 8:00pm 865 Ext Schermerhorn Hall	Jill Shapiro	4	6/18

**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 2019: EEEB UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3998	001/11326		Matthew Palmer	1-3	1/10
EEEB 3998	002/67817		Jill Shapiro	1-3	1/10
EEEB 3998	003/62147		Deren Eaton	1-3	1/10
EEEB 3998	004/68197		Joel Cracraft	1-3	1/10

### EEEB 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 2019: EEEB GU4055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4055	001/23347	M W 11:40am - 12:55pm 420 Pupin Laboratories	Deren Eaton, Andres Bendesky	3	19/25

### EEEB GU4126 Introduction to Conservation Genetics. 3 points.

Not offered during 2018-19 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.

Spring 2019: EEEB GU4126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4126	001/19821	W 2:10pm - 4:00pm 1016 Ext Schermerhorn Hall	Don Melnick	3	7/25

### EEEB 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.

### 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.

Spring 2019: EEEB GU4150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4150	001/29005	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Duncan Menge	3	12/25

### EEEB GU4210 Herpetology. 3 points.

Not offered during 2018-19 academic year.

Prerequisites: at least one course in Introductory Biology.

The course explores the science of herpetology in three parts: 1) the evolution and ecology of amphibians and reptiles; 2) their physiological adaptations; and 3) requirements for conservation, management, policy and monitoring.

Spring 2019: EEEB GU4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4210	001/13534	Th 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Matthew Palmer	3	15/15
EEEB 4210	001/13534	T 1:10pm - 3:40pm 507 Philosophy Hall	Matthew Palmer	3	15/15

### 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 2018: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/22812	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack, Marya Pollack	4	19/20

Spring 2019: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/69519	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack,	4	17/20

Marya  
Pollack

### **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 2018-19 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.

#### **Spring 2019: EEEB GU4700**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4700	001/14769	M W 4:10pm - 6:00pm 951 Ext Schermerhorn Hall	Jill Shapiro	4	13/15

### **EEEB 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.

#### **Fall 2018: EEEB GR5005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5005	001/16218	M 6:10pm - 7:25pm Room TBA		3	0/25

#### **Spring 2019: EEEB GR5005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 5005	001/28004	M 6:10pm - 7:25pm 310 Fayerweather	Evan Eskew	3	14/15

### **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.

#### **Spring 2019: FSEB UN1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FSEB 1020	001/24444	T Th 1:10pm - 2:25pm 703 Hamilton Hall	Sharon Akabas, Ruben Igal	3	31/36

### **EEEB S3015D An Introduction to Animal Behavior Through Fieldwork. 3 points.**

**Not offered during 2018-19 academic year.**

Fee: Course Fee - 15.00

Using evolutionary principles as the unifying theme, we will survey the study of animal behavior, including the history, basic principles and research methods. Fieldwork is a significant component of this course and through observations at the World Wildlife Conservation Park (Bronx Zoo) and in the urban environment of New York, students will gain familiarity with the scientific method, behavioral observation and research design. [One semester of college level biology is recommended but is not required; introductory students are most welcome.] Fulfills the science requirement for most Columbia and GS undergraduates. Field trip: Monday June 10 1-5pm (students pay for public transportation). This trip counts as a required class day, and is a crucial component of the course. For exceptions of this requirement, please contact the instructor ahead of enrollment.

## **COURSES TYPICALLY OFFERED, BUT NOT IN ACADEMIC YEAR 2018-2019**

### **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 2019: EEEB UN1005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1005	001/23313	T 2:40pm - 3:55pm 1015 Ext Schermerhorn Hall	Jill Shapiro, Matthew Palmer	1	18/30



**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 2019: EEEB UN1011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1011	001/11659	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Marina Cords	3	32/50

**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 2019: EEEB UN2002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2002	001/23538	M W 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Matthew Palmer	4	16/40

**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 2019: EEEB UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3011	001/19467	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Marina Cords	3	6/10

**EEEB 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 2019: EEEB UN3087**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3087	001/22799	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Alexandria Moore	3	9/30

**EEEB 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.]

**EEEB 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 2018-19 academic year.**

Prerequisites: EEEB UN1010 or EEEB UN1011 or the instructor's permission.

Introductory laboratory course in primate skeletal anatomy. From tarsiers to talapoints, guenons to gibbons, through hands-on expertise students explore the amazing range and diversity of the living members of this order.

**Spring 2019: EEEB UN3208**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3208	001/16186	T Th 1:10pm - 2:25pm 865 Ext Schermerhorn Hall	Jill Shapiro	3	7/14

**EEEB UN3215 Forensic Osteology. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: No prior experience with skeletal anatomy required though students must contact instructor for permission to register.

Not appropriate for students who have already taken either G4147 or G4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone. Enrollment limited to 15. Priority given to EBHS majors/concentrators. [Taught every other year.]

**EEEB UN3220 The Evolution of Human Growth and Development. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Taught intermittently. **Not offered during 2018-19 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.

**Spring 2019: EEEB UN3220**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3220	001/64117	T Th 11:40am - 12:55pm 425 Pupin Laboratories	Jessica Manser	3	9/13

**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.

**EEEB 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 2018-19 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 2018-19 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.

**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 2018-19 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.**

**Spring 2019: EEEB OC3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEB 3920 001/29259

Dustin 4 6/10  
Rubenstein

**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 2018-19 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.**

**Spring 2019: EEEB OC3923**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3923	001/60792		Dustin Rubenstein	4	6/10

**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 EEEB 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.

**Spring 2019: EEEB OC3928**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3928	001/23167		Dustin Rubenstein	4	7/10

**EEEEB 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.

**EEEEB 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 2019: EEEB UN3994**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3994	001/28513	Th 6:10pm - 8:00pm 865 Ext Schermerhorn Hall	Jill Shapiro	4	6/18

**EEEEB 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 2019: EEEB UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3998	001/11326		Matthew Palmer	1-3	1/10
EEEE 3998	002/67817		Jill Shapiro	1-3	1/10

EEEEB 3998	003/62147	Deren Eaton	1-3	1/10
EEEEB 3998	004/68197	Joel Cracraft	1-3	1/10

**EEEEB 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.

**EEEEB 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.

**EEEEB 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.

**EEEEB GU4115 Historical Ecology. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: *EEEEB W2001* and *EEEEB 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 2018-19 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.

Spring 2019: EEEB GU4126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4126	001/19821	W 2:10pm - 4:00pm 1016 Ext Schermerhorn Hall	Don Melnick	3	7/25

**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.

Spring 2019: EEEB GU4150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4150	001/29005	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Duncan Menge	3	12/25

**EEEB GU4210 Herpetology. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: at least one course in Introductory Biology. The course explores the science of herpetology in three parts: 1) the evolution and ecology of amphibians and reptiles; 2) their physiological adaptations; and 3) requirements for conservation, management, policy and monitoring.

Spring 2019: EEEB GU4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4210	001/13534	Th 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Matthew Palmer	3	15/15
EEEB 4210	001/13534	T 1:10pm - 3:40pm 507 Philosophy Hall	Matthew Palmer	3	15/15

**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 2018-19 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.

Spring 2019: EEEB GU4700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4700	001/14769	M W 4:10pm - 6:00pm 951 Ext Schermerhorn Hall	Jill Shapiro	4	13/15

## OF RELATED INTEREST

### Economics

ECON GU4625	Economics of the Environment
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### Earth and Environmental Sciences

EESC UN2330	Science for Sustainable Development
EESC GU4050	Global Assessment and Monitoring Using Remote Sensing
EESC GU4550	Plant Ecophysiology
EESC GU4835	Wetlands and Climate Change

**Political Science**

POLS GU4730      Game Theory and Political Theory

# ECONOMICS

**Departmental Office:** 1022 International Affairs Building;  
212-854-3680

<http://www.columbia.edu/cu/economics/>

**Director of Undergraduate Studies:** Dr. Susan Elmes, 1006  
International Affairs Building; 212-854-9124; [se5@columbia.edu](mailto:se5@columbia.edu)

**Director of Departmental Honors Program:** Dr. Susan  
Elmes, 1006 International Affairs Building; 212-854-9124;  
[se5@columbia.edu](mailto:se5@columbia.edu)

Economics is the study of the ways in which society allocates its scarce resources among alternative uses and the consequences of these decisions. The areas of inquiry deal with a varied range of topics such as international trade, domestic and international financial systems, labor market analysis, and the study of less developed economies. Broadly speaking, the goal of an economics major is to train students to think analytically about social issues and, as such, provide a solid foundation for not only further study and careers in economics, but also for careers in law, public service, business, and related fields.

The Economics Department offers a general economics major in addition to five interdisciplinary majors structured to suit the interests and professional goals of a heterogeneous student body. All of these programs have different specific requirements but share the common structure of core theoretical courses that provide the foundation for higher-level elective courses culminating in a senior seminar. Students are urged to carefully look through the details of each of these programs and to contact an appropriate departmental adviser to discuss their particular interests.

## ADVANCED PLACEMENT

Tests must be taken in **both** microeconomics and macroeconomics, with a score of 5 on one test and at least a 4 on the other. Provided that this is achieved, the department grants 4 credits for a score of 4 and 5 on the AP Economics exam along with exemption from *ECON UN1105 Principles of Economics*.

## ADVISING

The Department of Economics offers a variety of advising resources to provide prospective and current undergraduate majors and concentrators with the information and support needed to successfully navigate through the program. These resources are described below.

### Frequently Asked Questions

Please see: <http://econ.columbia.edu/frequently-asked-questions-0>

As a first step, students are encouraged to visit the department's FAQ page, which provides comprehensive information and answers to the most frequently asked questions about the departmental majors and requirements. This page also includes a

section that answers specific questions of first-years, sophomores, and non-majors.

### Graduate Student Advisers

For answers to the most common questions that students have about the majors, the department has graduate student advisers, who are available by e-mail at [econ-advising@columbia.edu](mailto: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  
 Patrick Bolton (also Business School)  
 André Burgstaller (Barnard)  
 Alessandra Casella  
 Yeon-Koo Che  
 Pierre-André Chiappori  
 Graciela Chichilnisky  
 Richard Clarida

Donald Davis  
 Padma Desai (*emerita*)  
 Prajit Dutta  
 Harrison Hong  
 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*)  
 Serena Ng  
 Brendan O'Flaherty  
 Edmund S. Phelps  
 Andrea Prat  
 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

Lena Edlund  
 Qingmin Liu  
 Suresh Naidu

## ASSISTANT PROFESSORS

Hassan Afrouzi  
 Michael Best  
 Gregory Cox  
 Mark Dean  
 Andres Drenik  
 Francois Gerard  
 Matthieu Gomez  
 Reka Juhasz  
 Supreet Kaur  
 Jennifer La'O  
 Jose Luis Montiel Olea  
 Jack Willis

## LECTURERS

Irasema Alonso  
 Tri Vi Dang  
 Susan Elmes  
 Seyhan Erden



Tamrat Gashaw  
 Sunil Gulati  
 Ronald Miller  
 Steve Olley  
 Wouter Vergote

## ADJUNCT FACULTY

Danilo Guaitoli  
 Neal Masia  
 Caterina Musatti  
 Ethan Namvar  
 Damien Neven  
 Waseem Noor  
 Ingmar Nyman  
 Maxim Pinkovskiy

## ON LEAVE

Profs. Bolton, Liu, Riordan, Sala-i-Martin, Verhoogen  
 (2018-2019)  
 Profs. Juhasz, Ng, Willis (*Fall 2018*)  
 Profs. Best, Chiappori (*Spring 2019*)

## GUIDELINES FOR ALL ECONOMICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

### Economics Core Courses

**All** of the core courses must be completed **no later than the spring semester** of the student's **junior year** and must be taken at Columbia. *Students who take any core course during the fall semester of their senior year must obtain written permission from the department's director of undergraduate studies.* Unless otherwise specified below, all students must complete the following core courses:

ECON 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 UN3213 Intermediate Macroeconomics	ECON UN1105 Principles of Economics MATH UN1101 Calculus I Co-requisite: MATH UN1201 Calculus III or UN1205
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 2000-level electives	ECON UN1105 Principles of Economics
ECON GU4211 Advanced Microeconomics	ECON UN3211 Intermediate Microeconomics ECON UN3213 Intermediate Macroeconomics Corequisites: MATH UN2010 Linear Algebra MATH UN2500 Analysis and Optimization
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

ECON UN3025 Financial Economics	ECON UN3211 Intermediate Microeconomics	ECPH GU4950 Economics and Philosophy Seminar	ECON UN3211 Intermediate Microeconomics
ECON GU4020 Economics of Uncertainty and Information	ECON UN3213 Intermediate Macroeconomics		ECON UN3213 Intermediate Macroeconomics
ECON GU4230 Economics of New York City	STAT UN1201 Calculus-Based Introduction to Statistics		ECON UN3412 Introduction To Econometrics
ECON GU4260 Market Design		Barnard electives	See Barnard bulletin
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			
ECON GU4860 Behavioral Finance	ECON UN3211 Intermediate Microeconomics		
	ECON UN3213 Intermediate Macroeconomics		
	ECON UN3412 Introduction To Econometrics		
All other ECON 3000- and 4000-level electives	ECON UN3211 Intermediate Microeconomics		
	ECON UN3213 Intermediate Macroeconomics		
ECON UN3901 Economics of Education	ECON UN3211 Intermediate Microeconomics		
ECON UN3952 Seminar in Macroeconomics and Formation of Expectations	ECON UN3213 Intermediate Macroeconomics		
ECON UN3981 Applied Econometrics	ECON UN3412 Introduction To Econometrics		
ECON GU4911 Seminar In Microeconomics			
ECON GU4913 Seminar In Macroeconomics			
ECON GU4918 Seminar In Econometrics			
ECPS GU4921 Seminar In Political Economy	ECON UN3211 Intermediate Microeconomics		
	ECON UN3213 Intermediate Macroeconomics		
	ECON UN3412 Introduction To Econometrics		
	ECON GU4370 Political Economy		

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 completed. ECON UN3412 Introduction To Econometrics may not be taken or retaken concurrently with a senior seminar. *Seminars do not count as electives.* Each seminar is limited to sixteen students, with priority given to seniors. For ECPS 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>.

## 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. 394) 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. 394) 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. 394) 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. 394) 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

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      PROBABILITY THEORY  
 - STAT GU4204      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. 394) 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      Economics of the Environment

or ECON BC3039      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. 394) 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 57 points: 22 points in economics, 15 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows.

The political science courses are grouped into three areas, i.e. subfields: (1) American politics, (2) comparative politics, and (3) international relations. For the political science part of the major, students are required to select one area as a major subfield and one as a minor subfield. The corresponding introductory courses in both subfields must be taken, plus two electives in the major subfield, and one in the minor subfield.

**Economics Core Courses**

ECON 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	Analysis of Political Data

**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
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and a Political Science Department seminar, in the student's Primary Subfield. Please select one of the following: \*

POLS UN3911 or POLS UN3912	Seminar in Political Theory
POLS UN3921 or POLS UN3922	Seminar in American Politics
POLS UN3951 or POLS UN3952	Seminar in Comparative Politics
POLS UN3961 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. 394) 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  
- 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

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 2018: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/69571	M W 8:40am - 9:55am 501 Schermerhorn Hall	Sunil Gulati	4	215/220
ECON 1105	002/18795	M W 10:10am - 11:25am 417 International Affairs Bldg	Prajit Dutta	4	175/210
ECON 1105	003/60153	T Th 2:40pm - 3:55pm Ren Kraft Center	Caterina Musatti	4	170/210

#### Spring 2019: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/61863	M W 8:40am - 9:55am 501 Schermerhorn Hall	Sunil Gulati	4	207/220
ECON 1105	002/17381	T Th 4:10pm - 5:25pm 301 Pupin Laboratories	Brendan O'Flaherty	4	116/189
ECON 1105	003/10350	M W 11:40am - 12:55pm 501 Schermerhorn Hall	Wouter Vergote	4	107/189

### ECON UN1155 Disc Section: Principles of Economics. *0 points.*

Required Discussion section for ECON UN1105 Principles of Economics

#### Fall 2018: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/29194			0	466/650

#### Spring 2019: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/66595			0	419/600

### 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 2018: ECON UN2029**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2029	001/27967	M 6:10pm - 7:25pm 516 Hamilton Hall	Susan Elmes	1	27/50

**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 2018: ECON UN2105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2105	001/62864	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Claudia Halbac	3	57/65

**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 2019: ECON UN2257**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2257	001/73413	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Ronald Miller	3	81/189

**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 2018: ECON UN3025**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/11893	M W 11:40am - 12:55pm Ren Kraft Center	Tamrat Gashaw	3	74/100
ECON 3025	002/75930	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Tamrat Gashaw	3	73/86

**Spring 2019: ECON UN3025**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/01678	M W 10:10am - 11:25am Room TBA	Martina Jasova	3	79/110
ECON 3025	002/28996	M W 1:10pm - 2:25pm 209 Havemeyer Hall	Harrison Hong	3	64/110

**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 2018: ECON UN3211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/25846	M W 4:10pm - 5:25pm 717 Hamilton Hall	Ingmar Nyman	4	75/86
ECON 3211	002/22612	T Th 10:10am - 11:25am 310 Fayerweather	Wouter Vergote	4	77/96
ECON 3211	003/62786	M W 1:10pm - 2:25pm 312 Mathematics Building	Susan Elmes	4	95/96

**Spring 2019: ECON UN3211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/65140	M W 11:40am - 12:55pm 602 Hamilton Hall	Mark Dean	4	57/86
ECON 3211	002/67504	T Th 11:40am - 12:55pm 602 Hamilton Hall	Caterina Musatti	4	57/86
ECON 3211	003/10732	T Th 10:10am - 11:25am 702 Hamilton Hall	Wouter Vergote	4	48/86
ECON 3211	004/21082	T Th 2:40pm - 3:55pm 517 Hamilton Hall	Steven Olley	4	78/86

**ECON UN3212 Discussion Section Intermediate Economics. 0 points.**

Required Discussion section for ECON UN3211 intermediate Economics.

**Fall 2018: ECON UN3212**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/82652			0	218

**Spring 2019: ECON UN3212**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/76985			0	211/500

**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 2018: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/14313	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Irasema Alonso	4	129/110
ECON 3213	002/71311	M W 11:40am - 12:55pm 833 Seeley W. Mudd Building	Danilo Guaitoli	4	88/110
ECON 3213	003/76314	T Th 11:40am - 12:55pm Ren Kraft Center	Ronald Miller	4	86/110

#### Spring 2019: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/65023	M W 8:40am - 9:55am 209 Havemeyer Hall	Martin Uribe	4	53/86
ECON 3213	002/73174	M W 10:10am - 11:25am 209 Havemeyer Hall	Martin Uribe	4	82/110
ECON 3213	003/29750	T Th 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Irasema Alonso	4	121/110

#### ECON UN3214 Intermediate Macroeconomics - Discussion Section. 0 points.

Discussion section for ECON UN3213 Intermediate Macro. Student must register for a section.

#### Fall 2018: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/83498			0	220

#### Spring 2019: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/68396			0	226/500

#### 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.

#### Fall 2018: ECON UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/05362	M W 2:40pm - 3:55pm 405 Milbank Hall	Biwei Chen	3	79/100

#### Spring 2019: ECON UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/12502	M W 4:10pm - 5:25pm 501 Northwest Corner	Tri Vi Dang	3	131/140

#### 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 2018: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/14835	M W 2:40pm - 3:55pm L1002 Milstein Center	Gregory Cox	4	61/86
ECON 3412	002/23082	M W 4:10pm - 5:25pm 602 Hamilton Hall	Jushan Bai	4	67/86
ECON 3412	003/64732	T Th 1:10pm - 2:25pm 717 Hamilton Hall	Seyhan Erden	4	89/86

#### Spring 2019: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/10567	M W 1:10pm - 2:25pm 517 Hamilton Hall	Seyhan Erden	4	91/86
ECON 3412	002/72178	M W 2:40pm - 3:55pm 517 Hamilton Hall	Tamrat Gashaw	4	70/86
ECON 3412	003/67793	T Th 10:10am - 11:25am 717 Hamilton Hall	Simon Lee	4	52/86

#### ECON UN3413 Intro to Econometrics Discussion Section. 0 points.

Required discussion section for ECON UN3412: Intro to Econometrics

#### Fall 2018: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/86348			0	153

#### Spring 2019: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/18009			0	169/350

#### 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?

**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

**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 it 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, principal agent problems, screening and signaling, and information theories of financial intermediation.

**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 2019: ECON GU4211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4211	001/25288	M W 4:10pm - 5:25pm 417 Mathematics Building	Susan Elmes	4	18/64

**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.

**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 2018: ECON GU4213**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4213	001/60992	M W 4:10pm - 5:25pm 411 International Affairs Bldg	Andres Drenik	4	15/60

**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 2019: ECON GU4230**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4230	001/19448	T Th 10:10am - 11:25am 209 Havemeyer Hall	Donald Davis	3	43/86

**ECON GU4235 HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes. 3 points.**

**Not offered during 2018-19 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 2018: ECON GU4251**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/75210	M W 4:20pm - 5:35pm 101 Green Hall Law Building	Wouter Vergote	3	41/86

**Spring 2019: ECON GU4251**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/13260	M W 11:40am - 12:55pm 702 Hamilton Hall	John Asker	3	55/86

**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 2019: ECON GU4260**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4260	001/28598	M W 10:10am - 11:25am 602 Hamilton Hall	Guillaume Haeringer	3	76/86

**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>.

**Fall 2018: ECON GU4280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/16490	M W 4:10pm - 5:25pm 702 Hamilton Hall	Ethan Namvar	3	61/80
ECON 4280	002/74740	T Th 4:10pm - 5:25pm 313 Fayerweather	Tri Vi Dang	3	80/78

**Spring 2019: ECON GU4280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/63915	T Th 1:10pm - 2:25pm 702 Hamilton Hall	Yiming Ma	3	73/80
ECON 4280	002/68408	T Th 4:10pm - 5:25pm	Tri Vi Dang	3	70/70



633 Seeley W. Mudd  
Building

### **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.

### **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 2019: ECON GU4321**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4321	001/68289	T Th 2:40pm - 3:55pm 633 Seeley W. Mudd Building	Jack Willis	3	33/67

### **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 2018: ECON GU4325**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4325	001/73266	T Th 8:40am - 9:55am 207 Mathematics Building	David Weinstein	3	56/125

### **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 2018: ECON GU4370**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 4370	001/72941	M W 1:10pm - 2:25pm 702 Hamilton Hall	Alessandra Casella	3	49/86
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### **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 2018: ECON GU4412**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4412	001/15784	T Th 11:40am - 12:55pm 214 Pupin Laboratories	Seyhan Erden	4	24/54

### **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 2018: ECON GU4415**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/69630	M W 8:40am - 9:55am 207 Mathematics Building	Prajit Dutta	3	85/125

#### **Spring 2019: ECON GU4415**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/75006	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Wouter Vergote	3	82/110

### **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 2018: ECON GU4438

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4438	001/73980	T Th 4:10pm - 5:25pm 702 Hamilton Hall	Brendan O'Flaherty	3	53/86

#### 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 2018: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/70790	M W 2:40pm - 3:55pm 702 Hamilton Hall	Wojciech Kopczuk	3	51/86

#### Spring 2019: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/11085	M W 10:10am - 11:25am 517 Hamilton Hall	Francois Gerard	3	31/86

#### 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 2018: ECON GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4480	001/29781	M W 2:40pm - 3:55pm 503 Hamilton Hall	Lena Edlund	3	18/54

#### 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 2018: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/73530	T Th 10:10am - 11:25am 717 Hamilton Hall	Waseem Noor	3	63/86

#### Spring 2019: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/19239	T Th 1:10pm - 2:25pm 602 Hamilton Hall	Reka Juhasz	3	64/86

#### 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 2019: ECON GU4505

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4505	001/23047	M W 8:40am - 9:55am 702 Hamilton Hall	Stephanie Schmitt-Grohe	3	32/86

#### ECON GU4526 Transition Reforms, Globalization and Financial Crisis. 3 points.

Not offered during 2018-19 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 2018-19 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 2018-19 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.

**Fall 2018: ECON GU4700**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4700	001/65830	M W 11:40am - 12:55pm 209 Havemeyer Hall	Jose Scheinkman	3	48/86

**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 2019: ECON GU4710**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4710	001/29408	T Th 8:40am - 9:55am 702 Hamilton Hall	Matthieu Gomez	3	24/86

**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.

**Spring 2019: ECON GU4750**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4750	001/70726	M W 5:40pm - 6:55pm 329 Pupin Laboratories	Graciela Chichilnisky	3	73/86

**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.

**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 2018: ECON GU4850**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4850	001/28629	M W 10:10am - 11:25am 517 Hamilton Hall	Michael Woodford	3	28/86

**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 2019: ECON GU4860**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4860	001/68963	M W 2:40pm - 3:55pm 209 Havemeyer Hall	Harrison Hong	3	41/86

**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 2018: ECON GU4911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	001/76444	W 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	16/16
ECON 4911	002/27566	T 12:10pm - 2:00pm	Damien Neven	4	12/16

1027 International Affairs Bldg

ECON 4911	003/68765	W 8:10am - 10:00am	Lena Edlund	4	5/16
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1027 International Affairs Bldg

ECON 4911	004/27724	T 10:10am - 12:00pm	Tri Vi Dang	4	16/16
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1027 International Affairs Bldg

ECON 4911	005/71230	M 4:10pm - 6:00pm	Prajit Dutta	4	16/16
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1027 International Affairs Bldg

ECON 4911	006/60068	Th 6:10pm - 8:00pm	Neal Masia	4	16/16
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1027 International Affairs Bldg

**Spring 2019: ECON GU4911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	001/12394	T 8:10am - 10:00am 1027 International Affairs Bldg	Francois Gerard	4	13/16
ECON 4911	002/23237	W 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	16/16
ECON 4911	003/70525	T 10:10am - 12:00pm 1027 International Affairs Bldg	Waseem Noor	4	16/16
ECON 4911	004/75700	Th 6:10pm - 8:00pm 1027 International Affairs Bldg	Samim Ghamami	4	15/16
ECON 4911	005/75696	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Graciela Chichilnisky	4	16/16
ECON 4911	006/16041	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Ingmar Nyman	4	16/16

**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 2018: ECON GU4913**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/72995	M 10:10am - 12:00pm 1027 International Affairs Bldg	Andres Drenik	4	8/16
ECON 4913	002/60993	Th 2:10pm - 4:00pm 1027 International Affairs Bldg	Jennifer La'O	4	10/16
ECON 4913	004/18235	T 6:10pm - 8:00pm 1027 International Affairs Bldg	Maxim Pinkovskiy	4	14/16

**Spring 2019: ECON GU4913**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/29298	T 4:10pm - 6:00pm 1027 International Affairs Bldg	Miles Leahey	4	16/16



ECON 4913	002/12391	M 2:10pm - 4:00pm 1027 International Affairs Bldg	Edmund Phelps	4	16/16
ECON 4913	003/72657	W 10:10am - 12:00pm 1027 International Affairs Bldg	Joseph Stiglitz, Karla Hoff	4	16/16
ECON 4913	004/66299	M 12:10pm - 2:00pm 1027 International Affairs Bldg	Tamrat Gashaw	4	16/16

**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 2019: ECON GU4918**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4918	001/29500	T 2:10pm - 4:00pm 1027 International Affairs Bldg	Seyhan Erden	4	9/16

**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 2018: ECON GU4996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/26813		Susan Elmes	1-2	36/100

**Spring 2019: ECON GU4996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/76256		Susan Elmes	1-2	54/800

**ECON GU4997 Independent Study. 1-4 points.**

May NOT be used as an elective.

Prerequisites: the director of undergraduate studies' permission.

**Fall 2018: ECON GU4997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4997	001/73498		Susan Elmes	1-4	2/100

**ECON GU4998 Independent Study. 1-4 points.**

May NOT be used as an elective.

Prerequisites: the director of undergraduate studies' permission.

**Spring 2019: ECON GU4998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4998	001/71179		Susan Elmes	1-4	2/800

**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 2018: ECON GU4999**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/10758	W 10:10am - 12:00pm 1027 International Affairs Bldg	Michael Best	6	12/20

**Spring 2019: ECON GU4999**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/22772	W 12:10pm - 2:00pm 1027 International Affairs Bldg	Michael Best	6	12/800

**OF RELATED INTEREST**

Note: Barnard economic *core* courses

(ECON BC1003, ECON BC1007, ECON BC2411, ECON BC3018, ECO 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.

### Associate Professors

Thea Abu El-Haj (Program Director/Chair)

Maria Rivera Maulucci

**Lecturer and Certification Officer**

Lisa Edstrom

**Term Assistant Professor**

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
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PSYC BC1107	Psychology of Learning
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PSYC BC1129	Developmental Psychology
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PSYC BC2134	Educational Psychology
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PSYC UN1420	Experimental Psychology: Human Behavior *
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**Requirement C - Pedagogical Elective**

Select one of the following:
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EDUC BC3050	Science in the City
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EDUC BC3052	Math and the City
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EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
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EDUC BC3058	Science in the City II: Preparing Future Scientists Now
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**Requirement D - Pedagogical Core**

EDUC BC3025	Inclusive Approaches to K-12 Literacy: Theory and Practice	4
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EDUC BC3053	Multicultural Elementary Pedagogy	4
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EDUC BC3063	Elementary Student Teaching in Urban Schools	6
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EDUC BC3064	Critical Inquiry in Urban Teaching	4
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EDUC BC3061	Performance Assessment of Teaching	3
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**Requirement E - Liberal Arts and Sciences**

Visit <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> 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
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PSYC BC1107	Psychology of Learning
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PSYC BC1115	Cognitive Psychology
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PSYC BC1129	Developmental Psychology
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PSYC BC2134	Educational Psychology
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PSYC BC3382	Adolescent Psychology
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PSYC UN1420	Experimental Psychology: Human Behavior *
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**Requirement C - Pedagogical Elective**

Select one of the following:
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EDUC BC3050	Science in the City
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EDUC BC3052	Math and the City
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EDUC BC3055	Arts and Humanities in the City: Critical Literacy and Digital Storytelling
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EDUC BC3058	Science in the City II: Preparing Future Scientists Now
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**Requirement D - Pedagogical Core**

EDUC BC3025	Inclusive Approaches to K-12 Literacy: Theory and Practice	4
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EDUC BC3054	Multicultural Secondary Pedagogy	4
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EDUC BC3065	Secondary Student Teaching in Urban Schools	6
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EDUC BC3064	Critical Inquiry in Urban Teaching	4
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EDUC BC3061	Performance Assessment of Teaching	3
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**Requirement E - Liberal Arts and Sciences**



Visit <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> 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 CAEP (formerly TEAC) 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
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
PSYC BC3382	Adolescent Psychology
PSYC BC3363	Pedagogy for Higher Education in 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	Experimental Psychology: 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 K-12 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
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 2018: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/07392	M W 2:40pm - 3:55pm 202 Altschul Hall	Rachel Throop	4	72/80

#### Spring 2019: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/01183	M W 2:40pm - 3:55pm LI001 Milstein Center	Thea Abu El-Haj	4	42/45

### 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.

Section 001: Elementary Urban Teaching (Corequisite: EDUC BC2052)

Section 002: Secondary Urban Teaching (Corequisite: EDUC BC2062)

Section 003: Education Studies (no corequisite courses).

**EDUC BC3025 Inclusive Approaches to K-12 Literacy: Theory and Practice. 4 points.**

**Not offered during 2018-19 academic year.**

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.

**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.

**Fall 2018: EDUC BC3032**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3032	001/03742	T 4:10pm - 6:00pm 111 Milstein Center	Leanne Zoven	4	16/24

**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 2019: EDUC BC3040**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3040	001/08452	T 2:10pm - 4:00pm L1016 Milstein Center	Thea Abu El-Haj	4	25/25

**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.

**EDUC BC3044 Education and Social Change in Comparative Global Contexts. 4 points.**

**Not offered during 2018-19 academic year.**

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).

**EDUC BC3045 Complicating Class: Education and the Limits of Equity. 4 points.**

**Not offered during 2018-19 academic year.**

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.

### **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 2019: EDUC BC3050**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3050	001/04696	T 4:30pm - 6:20pm L1018 Milstein Center	Althea Hoard	4	12/20

### **EDUC BC3051 Seminar in Urban Education. 4 points.** **Not offered during 2018-19 academic year.**

**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.

### **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.

#### **Fall 2018: EDUC BC3052**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3052	001/02422	T 4:10pm - 7:00pm L1103 Diana Center	Laurie Rabinowitz	4	8/24

### **EDUC BC3053 Multicultural Elementary Pedagogy. 4 points.** **Not offered during 2018-19 academic year.**

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.

### **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.



**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.

**Spring 2019: EDUC BC3055**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3055	001/00764	Th 4:10pm - 7:00pm LI016 Milstein Center	Laurie Rabinowitz	4	22/20

**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 2018: EDUC BC3058**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3058	001/04403	T 4:30pm - 6:20pm 214 Milbank Hall	Althea Hoard	4	11/24

**EDUC BC3061 Performance Assessment of Teaching. 3 points.**

Open to Urban Teaching students in the Education Program.

**Spring 2019: EDUC BC3061**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3061	001/01193	M 2:10pm - 4:00pm 318 Milbank Hall	Lisa Edstrom	3	8/9

**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 2018: EDUC BC3063**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3063	001/07750	T 2:10pm - 4:00pm 214 Milbank Hall	Lisa Edstrom	6	4/5

**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 2018: EDUC BC3064**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3064	001/01248	T 4:10pm - 6:00pm 306 Milbank Hall	Thea Abu El-Haj	4	9/10

**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 2018: EDUC BC3065**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3065	001/04248	T 2:10pm - 4:00pm 214 Milbank Hall	Elizabeth Rivera	6	5/5

**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.

**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 2018: PHIL UN2100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2100	001/05941	M W 2:40pm - 3:55pm 203 Diana Center	Kyle Driggers	3	10/40

**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 2019: PSYC BC3382**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3382	001/00721	T 2:10pm - 4:00pm 318 Milbank Hall	Susan Sacks	4	13/16

# 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](mailto:mpm7@columbia.edu)

## Departmental Advisers:

Prof. Molly Murray, 406 Philosophy; [mpm7@columbia.edu](mailto:mpm7@columbia.edu)

Mr. Aaron Robertson, 602 Philosophy, [ar3488@columbia.edu](mailto:ar3488@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>. It is this worksheet—not the Degree Audit Report (DAR)—that determines eligibility for graduation as an English major or concentrator.

## COURSE INFORMATION

### Lectures

Generally, lectures are addressed to a broad audience and do not assume previous course work in the area, unless prerequisites are noted in the description. The size of some lectures is limited. Senior majors have preference unless otherwise noted, followed by junior majors, followed by senior and junior non-majors. Students are responsible for checking for any special registration procedures on-line at <http://english.columbia.edu/courses>.

### Seminars

The department regards seminars as opportunities for students to do advanced undergraduate work in fields in which they have already had some related course experience. With the exception of some *CLEN* classes (in which, as comparative courses, much material is read in translation), students' admission to a seminar presupposes their having taken ENGL UN3001 Literary Texts, Critical Methods. During the three weeks preceding the registration period, students should check <http://english.columbia.edu/courses> for application instructions for individual seminars. Applications to seminars are usually due by the end of the week preceding registration. Students should always assume that the instructor's permission is necessary; those who register without having secured the instructor's permission are not guaranteed admission.

## DEPARTMENTAL HONORS

Writing a senior essay is a precondition, though not a guarantee, for the possible granting of departmental honors. After essays are submitted, faculty sponsors deliver a written report on the essay to the department's Committee on Undergraduate Education (CUE), with a grade for the independent study and, if merited, a recommendation for honors. CUE considers all the essays, including sponsor recommendations, reviews students' fall semester grades, and determines which students 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  
 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  
 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

Julie Crawford  
 Denise Cruz  
 Patricia Dailey  
 Michael Golston  
 T. Austin Graham  
 Erik Gray  
 Matt Hart  
 Eleanor Johnson  
 Molly Murray  
 Frances Negrón-Muntaner  
 Cristobal Silva  
 Joseph Slaughter  
 Maura Spiegel

Dennis Tenen  
 Jennifer Wenzel

## ASSISTANT PROFESSORS

Joseph Alvarez  
 Lauren Robertson  
 Dustin Stewart

## 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%20WKSHEET\\_0.pdf](http://english.columbia.edu/files/english/content/ENGLISH%20MAJOR%20WKSHEET_0.pdf)), which outlines the requirements.

Additional information, including events and deadlines of particular relevance to undergraduates, is provided at <http://english.columbia.edu/undergraduate>, the department's undergraduate homepage. The sidebar on this page provides links to pages with details about undergraduate advising, major and concentration requirements, course options and restrictions, registration procedures, the senior essay, and writing prizes, as well as links to downloadable worksheets for the major and concentration and to course distribution requirement lists, past and present. For detailed information about registration procedures, students should consult <http://english.columbia.edu/courses>, which explains the requirements and enables students to monitor their own progress.

Newly declared majors should contact the undergraduate assistant in 602 Philosophy Hall and request that their names be added to the department's electronic mailing list for English majors and concentrators. Because important information now routinely is disseminated through e-mail, it is crucial that students be on this list.

### Literary Texts, Critical Methods

The introductory course ENGL 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.

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## 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 online at <http://english.columbia.edu/course-distribution-lists> to help students determine which courses fulfill which requirements.

### A single course can satisfy more than one distribution requirement.

For example, a Shakespeare lecture satisfies three requirements at once: not only does it count as one of the three required pre-1800 courses it also, at the same time, fulfills both a genre and a geography distribution requirement (drama and British, respectively). Courses not on the distribution list may count toward the major requirements **only** with the permission of the director of undergraduate studies. Two writing courses or upper-level literature courses taught in a foreign language, or one of each, may count toward the ten required courses.

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## 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>, 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 2018

#### 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 2018: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/61494	W 6:10pm - 7:25pm 517 Hamilton Hall	Edward Mendelson	4	74/80

##### Spring 2019: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/11770	F 10:10am - 11:25am 517 Hamilton Hall	Erik Gray	4	64/86

##### 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 2018: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/17984	M 6:10pm - 8:00pm 613 Hamilton Hall	Li Qi Peh	0	14/20
ENGL 3011	002/10179	M 6:10pm - 8:00pm 402 Hamilton Hall	Nicholas Mayer	0	16/20
ENGL 3011	003/13805	M 6:10pm - 8:00pm 413 Hamilton Hall	Daniella Cadiz Bedini	0	14/20
ENGL 3011	004/14933	W 12:10pm - 2:00pm 607 Hamilton Hall	Jonathan Reeve	0	14/20
ENGL 3011	005/67286	W 12:10pm - 2:00pm 303 Hamilton Hall	Jessica Engebretson	0	16/18

##### Spring 2019: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/25669	M 6:10pm - 8:00pm 402 Hamilton Hall	Meadhbh McHugh	0	8/18
ENGL 3011	002/27401	M 6:10pm - 8:00pm 522c Kent Hall	Kevin Windhauser	0	14/18
ENGL 3011	003/29052	M 12:10pm - 2:00pm 613 Hamilton Hall	Chelsea Spata	0	15/18
ENGL 3011	004/22614	M 6:10pm - 8:00pm 613 Hamilton Hall	Alexis Fabrizio	0	9/18
ENGL 3011	005/16413	M 12:10pm - 2:00pm 311 Fayerweather	Olivia Rutigliano	0	18/18

## MEDIEVAL

##### ENGL BC3154 Chaucer Before Canterbury. 3 points.

Chaucer's innovations with major medieval forms: lyric, the extraordinary dream visions, and the culmination of medieval romance, *Troilus and Criseyde*. Approaches through close analysis, and feminist and historicist interpretation. Background readings in medieval life and culture.

**Fall 2018: ENGL BC3154**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3154	001/01268	M W 10:10am - 11:25am 409 Barnard Hall	Christopher Baswell	3	9

**ENGL GU4793 English Translations of the Bible. 3 points.**

English translations of the Bible from Tyndale to the present.

**Fall 2018: ENGL GU4793**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4793	001/72546	M W 11:40am - 12:55pm 503 Hamilton Hall	David Yerkes	3	32/40

**ENGL GU4789 Writing the Nation: Ethnicity & Identity in Early Medieval England. 4 points.**

Anglo-Saxon England was a political fiction, an imagined community of a single, distinct nation unified in identity by descent and religion that proved useful justification for rulers with expansionist aspirations and conquerors alike, but also for religious communities. This course will explore how authors of early Medieval England exploited history and literature to define social identities and make claims about their present moment through a range of materials, including vernacular poetry, chronicles, law, saints' lives, and homilies.

**Fall 2018: ENGL GU4789**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4789	001/12696	M 4:10pm - 6:00pm 612 Philosophy Hall	Jay Gates	4	7/25

## 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 2018: ENGL UN3335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3335	001/24711	M W 10:10am - 11:25am 602 Hamilton Hall	James Shapiro	3	55/60

**ENGL UN3406 English Prose Fiction in the Renaissance. 4 points.**

The rise of the English novel is routinely dated to the early eighteenth century, but there had been a thriving market for prose fiction for at least two centuries. This seminar course tracks the experiments in English prose fiction in the sixteenth and seventeenth centuries, through such genres as utopian travel narrative, picaresque, romance, spiritual autobiography, and criminal biography. Authors to be studied include Thomas More, George Gascoigne, Thomas Nashe, Philip Sidney, Francis Bacon, Margaret Cavendish, John Bunyan, Aphra Behn, and Daniel Defoe.

Each seminar will be based on one primary text that everyone should read. Secondary reading will be made available via Courseworks: designated students will take responsibility for presenting this material each week.

**Fall 2018: ENGL UN3406**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3406	001/88531	T 8:10am - 10:00am 612 Philosophy Hall	Alan Stewart	4	7/25

**CLEN UN3806 Renaissance Women Writers: Gender, Sexuality, Textuality. 4 points.**

Prerequisites: the instructor's permission.

(Seminar). This course examines literary and artistic works by and about women from the 16th and 17th centuries alongside recent historical and theoretical criticism on gender and sexuality in the Renaissance. We will cover a range of literary genres that reflect and produce early modern notions of sex and gender in England, France, Italy and Spain, as well as medical guides, self-portraits, conduct manuals, and scurrilous tracts on females behavior. Topics include Queens (rulers) and Queens (prostitutes); cross-dressing and biological difference; the status of work and school; separatist communities and same-sex eroticism; kinship, patronage and domesticity; the gender and economics of authorship; the sexuality of racial and national identity. Readings in the original language provided and strongly encouraged. Secondary readings or films will be provided each week.

**Fall 2018: CLEN UN3806**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3806	001/23198	M 4:10pm - 6:00pm 511 Hamilton Hall	Bianca Calabresi	4	18/25

## 18TH AND 19TH CENTURY

**ENGL UN3823 Jane Austen and the Enlightenment Mind. 4 points.**

This course explores the conceptual origins of "sense" and "sensibility" in the work of the eighteenth-century's most radical thinkers. We will discover how Jane Austen responded to and reformulated major intellectual and political debates of the Enlightenment, and so brought the novel to full fruition as a philosophical medium. We will ground our approach to Austen's novels in contemporary theories of human behavior, psychology, and right--from Jean-Jacques Rousseau, who devised a system

of education which might utterly subject the female spirit to male desire; to Mary Wollstonecraft and Ottobah Cugoana, whose philosophies respectively equate marriage with slavery, and urge slaves to rise and destroy their captors. We will read in full most of Austen's completed novels and a sampling of her juvenilia, as well as extensive excerpts from major philosophical works of the Enlightenment. Interspersed throughout the course will be a handful of landmark critical texts addressing the role of gender and race in Austen's works. Students will leave the course Austen experts! They will also emerge well-versed in certain major arguments of Hume, Rousseau, and Wollstonecraft, as well as a number of less-widely canonized authors whose works were nevertheless highly influential in their time. The critical methods learned will provide students with a launching point for sophisticated, historically-based study of fascinating and challenging authors from any place and time.

#### Fall 2018: ENGL UN3823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3823	001/88746	T 6:10pm - 8:00pm 313 Pupin Laboratories	Katherine Bergevin	4	5/15

#### ENGL UN3855 Early American Ecologies. 4 points.

The course is a survey of the canonical texts of the Early Americas, with emphasis on how those writers experienced the natural world of their new country. Some of them had to cope with extreme cold, others with tropical heat. Some of them encountered abundance, others sparsity and famine. They all encountered new life forms – from marine life to birds, reptiles and animals. They had to cope with frequent earthquakes and hurricanes, and classify newly discovered species of vegetal life. What they saw, however, they read not only through the lenses of natural history, but also theologically and politically. For some, the natural world was rich with signs sent by God for them to interpret, for others it was a political space that they organized according to the logic either of a theocracy or the plantation. Addressing the early natural histories of the Americas, the class will also pay special attention to their politics, and investigate how the ecological spaces that the colonist encountered shaped their politics and ethics.

#### Fall 2018: ENGL UN3855

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3855	001/85279	M 6:10pm - 8:00pm 612 Philosophy Hall	Branka Arsic	4	13/25

#### ENGL UN3705 Sonnets and Elegies. 4 points.

This course examines two of the most important genres of Western lyric poetry. We will begin our study of the elegiac tradition with classical pastoral elegies (Theocritus, Moschus, Bion, Virgil) before continuing with major English-language elegies from the seventeenth to the twentieth centuries, including works by Milton, Shelley, Whitman, Hardy, and Auden. The second half of the course will explore the tradition of the amatory sonnet sequence that begins with Petrarch; we will read works by Sidney, Spenser, Shakespeare, and Elizabeth Barrett Browning. The course

concludes with Alfred Tennyson's *In Memoriam*, which offers a combination of both genres.

#### Fall 2018: ENGL UN3705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3705	001/86396	F 10:10am - 12:00pm 612 Philosophy Hall	Erik Gray	4	9/25

#### ENGL GU4402 Romantic Poetry. 3 points.

Open to all undergraduates and graduate students.

(Lecture). This course examines major British poets of the period 1789-1830. We will be focusing especially on the poetry and poetic theory of William Blake, William Wordsworth, Samuel Taylor Coleridge, Lord Byron, Percy Shelley, and John Keats. We will also be reading essays, reviews, and journal entries by such figures as Robert Southey, William Hazlitt, and Dorothy Wordsworth.

#### Fall 2018: ENGL GU4402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4402	001/18348	T Th 10:10am - 11:25am 633 Seeley W. Mudd Building	Erik Gray	3	48/70

#### ENGL UN3994 Romanticism and the Experience of Freedom. 4 points.

"Freedom" was perhaps the central watchword of Romantic-era Britain, yet this concept remains exceedingly, notoriously difficult to pin down. Taking a cue from the sociologist and historian Orlando Patterson, who writes that "freedom is one those of values better experienced than defined," this seminar will explore the variegated experiences of freedom (and its opposites) in the literature of British Romanticism. Romanticism unfolds alongside major revolutions in America, France, and Haiti, and we will begin by examining how the differing conceptions of freedom offered in the wake of these revolutions and their receptions galvanized writers and thinkers in Britain. From here, we will probe the expressions, possibilities, implications, and limits of freedom as outlined in various domains: political, individual, aesthetic, economic, philosophical, religious, and beyond. What does, say, Wordsworth's claim to freedom to experiment in poetic form have to do with political and social freedom? In situating Romanticism alongside developments like revolution, the rise of globalization, and the Atlantic slave trade, we will be particularly interested in confronting how the explosion of claims to freedom in this period emerges together with and in response to the proliferation of enslaved, colonized, and otherwise constrained or hindered bodies.

As we read poems, novels, slave narratives, philosophical essays, political tracts, and more, a fundamental question for the course will concern the relation between seemingly oppositional terms: to what extent, and how, do notions of freedom in Romanticism depend on the necessary exclusion of the unfree? Since the Romantic age sees the birth of concepts of freedom still prevalent



in our own day, this course will offer an opportunity to reflect critically on the present. To that end, we will take up some contemporary theoretical analyses and critiques of freedom, both directly in relation to Romanticism and reaching beyond.

### ENGL GU4408 19th C British Novel. 3 points.

The nineteenth century is considered the heyday of the novel. By the end of this course, you will understand why. Novels to be read: Jane Austen, *Northanger Abbey*; Charles Dickens, *Oliver Twist*; Charlotte Brontë, *Jane Eyre*; Anthony Trollope, *Barchester Towers*; Wilkie Collins, *The Woman in White*; George Eliot, *Daniel Deronda*; Bram Stoker, *Dracula*. Our goals in this course will be:

- 1) to discuss what these novels teach us about life;
- 2) to learn how to relate literary works to their historical circumstances;
- 3) to define the novel as a genre;
- 4) to explore the relationship between realism and counter-realisms (gothic, melodrama, sensation, fantasy, the supernatural);
- 5) to acquire a technical understanding of novelistic form by analyzing how novelists use point of view and narrative voice; construct character, delineate space, and represent time; and establish symmetries that give even the baggiest monsters coherence.

#### Fall 2018: ENGL GU4408

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4408	001/19694	M W 5:40pm - 6:55pm 503 Hamilton Hall	Sharon Marcus	3	29/50

### CLEN UN3934 The Bildungsroman in 19th C. 4 points.

The *Bildungsroman* (the novel of education or formation) was a dominant genre of nineteenth-century literature. Tracing the lives of characters through familiar coming-of-age plots—growing up, leaving home, and making one's way in the world—the *Bildungsroman* showcases the novel's ability to express both individual hopes and social constraints, youthful ideals and mature realizations, "great expectations" and "lost illusions." In this seminar, we will undertake an in-depth study of several classics of the genre by Goethe, Austen, Charlotte Brontë, Flaubert, Hardy, and Wharton. Along the way we will touch on many of the topics and essential tensions of the *Bildungsroman*: love, desire, and courtship; the family and its substitutes; class, money, and social mobility; the shaping role of gender and the limited social choices afforded to women; and the vocation of art or writing as an alternative to more mainstream careers. We will read a selection of critical materials on the *Bildungsroman*, and on style and genre more broadly. We will also consider accounts of social and moral development as a way to think about the relationship between literature and historical change.

#### Fall 2018: CLEN UN3934

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLEN 3934 001/64030

M 2:10pm - 4:00pm Daniel Williams

4

14/25

### ENGL GU4593 Seduction, Slavery, Sublimity: The Early American Novel. 3 points.

We'll trace the remarkable developments of the novel form in the U.S., from the decade after the Revolution (when Americans first begin to write long prose fictions) to the decade before the Civil War (when the American novel claimed its ascent to literary Art). All along the way, we will be reading "novels," yes, but it will quickly become apparent how varied a thing this noun actually names; we'll read a broad range of the novel's different modes (the epistolary novel, the novel of seduction, the gothic, the historical novel, sentimental-domestic fiction, the Romance). We begin in the 1780s, when the American novel is just trying to find its feet, and yet sees itself as having a profound political duty to serve the national interest. Even fictional writings about sexual conduct—the seduction novels with which we begin the course—charged themselves with this grave nationalist purpose. We then follow the form through the early nineteenth century, as it becomes obsessed with the topics of race and violence that threaten to destroy the young nation. As strange as it may sound, these novelists seemed to believe that they could resolve massive real-world crises, particularly those surrounding slavery and white-Indian conflicts over land ownership, in fictional terms. We end in the 1850s, when American novels instead began to insist on their separateness and autonomy from politics and the world as it is, boasting of their ability to transcend everyday life to achieve "Literature" with a capital L. We thus spend the last month of the course with the widely advertised literary masterworks of Nathaniel Hawthorne and Herman Melville, asking ourselves how the novel had progressed from an openly didactic form of social consciousness to a species of writing that could open a world of sublime aesthetic experience. Readings will include works by: Hannah Webster Foster (*The Coquette*), Charles Brockden Brown (*Edgar Huntly*), James Fenimore Cooper (*The Last of the Mohicans*), Harriet Beecher Stowe (*Uncle Tom's Cabin*), Martin Delany (*Blake*), Nathaniel Hawthorne (*The Scarlet Letter*), and Herman Melville (*Moby-Dick* and "Benito Cereno").

#### Fall 2018: ENGL GU4593

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4593	001/92546	T Th 11:40am - 12:55pm 503 Hamilton Hall	Ezra Tawil	3	14/50

### ENGL GU4299 London 1729-1779: Journalism, Empire, Theater. 4 points.

These days, the ubiquitous nexus of news and entertainment can elicit reactions ranging from an exasperated scowl to a surrendering shrug. But the phenomenon has a long history. When newspapers first appeared, in the early 1600s, the theater reacted with alarm, terrified that this upstart medium would deprive it of its status as sole oracle. In the 1700s, though, the two media discovered nearly limitless possibilities for synergy, collusive and competitive: ads, reviews, celebrity profiles, stage satires of news stories, show business, the news business, and the wide, overwhelmed, and overwhelming worlds—of power, commerce,

and politics; of Britain, Europe, and empire—to which news-page and live stage laid equal, topical claim. We'll track these transactions in newspapers spanning half a century; in plays by John Gay, Henry Fielding, David Garrick, Elizabeth Inchbald, Richard Brinsley Sheridan, and Hannah Cowley; and in all the circumambient media that at once consumed, and were eagerly consumed by, steadily proliferating London publics. For better and for worse, infotainment begins here.

#### Fall 2018: ENGL GU4299

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4299	001/66597	M 4:10pm - 6:00pm 304 Hamilton Hall	Stuart Sherman	4	17/25

## 20TH AND 21ST CENTURY

### ENGL UN3712 Henry James & Edith Wharton. 4 points.

James & Wharton, America's two greatest novelists in the half century after the civil war and the eve of the first world war, were friends and fellow cosmopolitans, at home in the US & Europe, chroniclers of an emerging transatlantic urban modernity traversing New York, London, Paris, Rome, Geneva. Their fiction often portrays glamorous surfaces and intricate social texts that their brilliant heroines --Isabel Archer of *The Portrait of a Lady* & Lily Bart of *The House of Mirth*, for example-- negotiate with wit and subtlety, confusion and daring, amidst fear and fascination. They find themselves immersed in bruising plots--crafted by society's disciplinary imperatives and by their creators, the latter standing in uneasy complicity with the social order even as they seek its transformation. Giving female protagonists unprecedented boldness and ambition, Wharton & James chart how intense exertion of will and desire collides with "the customs of the country," to cite the title of a great Wharton novel. We will read the three novels mentioned above as well as Wharton's *Summer* & *Ethan Frome* and James's "Daisy Miller," *Washington Square* & *The Ambassadors*.

#### Fall 2018: ENGL UN3712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3712	001/96796	W 2:10pm - 4:00pm 401 Hamilton Hall	Ross Posnock	4	17/25

### CLEN UN3740 The Thirties: Metropole and Colony. 4 points.

Prerequisites: Instructor's permission.

(Seminar). This course focuses on the tumultuous 1930s, which witnessed the growth of anticolonial movements, the coming to power of totalitarian and fascist regimes, and calls for internationalism and a new world vision, among other developments. Even as fascism laid down its roots in parts of Europe, the struggle for independence from European colonial rule accelerated in Asia and Africa, and former subjects engaged with ideas and images about the shape of their new nations, in essays, fiction, poetry, and theater. Supporters and critics of nationalism existed on both sides of the metropole-colony divide, as calls for internationalism sought to stem the rising tide of ethnocentric thinking and racial particularism in parts of Europe as well as the colonies. We'll read works from the metropole and

the colonies to track the crisscrossing of ideas, beginning with writers who anticipated the convulsive events of the 1930s and beyond (E.M. Forster, H.G. Wells, Gandhi), then moving on to writers who published some of their greatest work in the 1930s (Huxley, Woolf, C.L.R. James, Mulk Raj Anand), and finally concluding with authors who reassessed the 1930s from a later perspective (George Lamming). **Application Instructions:** E-mail Professor Viswanathan (gv6@columbia.edu) by noon on Wednesday, April 13th, with the subject heading, "The Thirties seminar." In your message, include basic information: 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 2018: CLEN UN3740

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3740	001/26541	W 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	10/25

### CLEN UN3933 Postcolonial Literature. 4 points.

In this course, we will consider postcolonial literary texts through three main lenses: how they narrate the nation, how they negotiate the idea of displacement, and how they rewrite dominant European narratives. We will consider tropes such as family, exile, hybridity, and marginality as we investigate texts through these lenses. Some organizing questions for our investigations include—but are not limited to—the following: how is the idea of national belonging figured in these texts? How are ideas of home and its loss configured in these contexts? How do they interrogate "master texts," and what do these interrogations accomplish? What can we understand by considering the interplay of these questions? Throughout the semester, we will reflect on what makes "postcolonial literature" cohere as a field of inquiry.

Authors we will read include Salman Rushdie, V.S. Naipaul, Derek Walcott, Yvette Christiansë, Bapsi Sidwa, and Jean Rhys. While this course's primary focus is literature, we will also read selections from postcolonial theorists such as Edward Said, Homi Bhabha, Gayatri Spivak, Ngugi Wa Thiong'o, Paul Gilroy, and Chandra Mohanty to direct and deepen our readings of literary texts.

#### Fall 2018: CLEN UN3933

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3933	001/87797	W 2:00pm - 4:00pm 303 Union Theological Seminary	Sailaja Sastry	4	18/25

### ENGL UN3662 African American Novelists and the Question of Justice. 4 points.

This course asks, "What conceptions of Justice emerge from a selection of works by canonical African American writers? Are there other moral/ethical/social values that emerge as more significant than Justice?" We open with an exploration of Justice in the works of the Greek dramatist, Aeschylus, the Hebrew Bible and recent scholarship on Pre-Colonial West Africa in order to consider what concepts of Justice African-American

writers have inherited or that have informed them in less formal ways. We then turn to texts by Charles Chesnutt, Zora Neale Hurston, Richard Wright, Ernest Gaines, James Baldwin and Toni Morrison, to examine the way these writers engage, negotiate and critique the relationship between Justice and Race in the United States.

#### Fall 2018: ENGL UN3662

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3662	001/75881	M 10:10am - 12:00pm 224 Pupin Laboratories	Farah Griffin	4	24/25

#### ENGL UN3635 Speculative Fiction and the Environment in 20th-Century America. 4 points.

The act of speculation is central to our thinking about the environment, be it through projections of catastrophe, visions of a more sustainable society, or conceptualizations of vast and complex planetary systems. This course will explore this form of speculation by tracing the intersection of speculative fiction and environmentalism in the American twentieth century, the setting for the maturation of the genre and the movement alike. For the purposes of this course, “speculative fiction” (SF) will be taken to include the commonly accepted genre of science-fiction and fantasy as well as any work of fiction based on a counterfactual present world, an extrapolative future, an alternative past, or a reality entirely imagined. More conceptually, we will consider SF in the expansive sense Donna Haraway proposes: “science fiction, speculative fabulation, string figures, speculative feminism, science fact, so far,” asking what these distinct but related acts of mind can reveal about environmental thought. The semester will be divided into pre-1960 and post-1960 works, a boundary that on one hand divides the Golden Age and New Wave periods of science fiction, and on the other hand roughly marks the birth of the modern environmental movement. As the course moves chronologically through representative works of environmental SF, it will also trace the development of foundational concepts in ecology and environmentalism by cross-referencing works of SF with texts in ecology and environmentalist theory that either established or discuss contemporaneous theories. This exploration will touch on topics such as: ecofeminism, ecological economics, ecological succession and the climax community, the Gaia hypothesis, environmental justice, and early recognitions of climate change.

#### Fall 2018: ENGL UN3635

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3635	001/28279	W 12:10pm - 2:00pm 307 Pupin Laboratories	Phillip Polefrone	4	13/15

#### CLEN UN3771 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 2018: CLEN UN3771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3771	001/82996	T Th 11:40am - 12:55pm 516 Hamilton Hall	Bruce Robbins	3	43/54

#### 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 2018: ENGL UN3520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3520	001/60030	T Th 11:40am - 12:55pm 517 Hamilton Hall	Denise Cruz	3	44/60

#### ENGL GU4603 Urban Modernism: Realism & Naturalism. 3 points.

(Lecture). The course will provide a trans-atlantic comparative perspective on the emergent world of urban modernity and mass market capitalism, including the pleasures and perils of city life--department stores, prostitution, hotels, railway cars. In addition to some of the great American novelists after the Civil War--Henry



James, Stephen Crane, Frank Norris, Theodore Dreiser, Edith Wharton--we will also read the great French novelist Emile Zola and Georg Simmel, the Berlin theorist of urban phenomenology.

#### Fall 2018: ENGL GU4603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4603	001/98147	T Th 4:10pm - 5:25pm 503 Hamilton Hall	Ross Posnock	3	28/54

#### ENGL GU4708 British Modernist Novel. 3 points.

Against the backdrop of dizzying advances in technology, an array of newly emerging social and political forces, and an unprecedented wave of invention across the arts, the first decades of the twentieth century witnessed a series of dramatic innovations in the novel form. This course examines some of the most compelling representatives of this transformation from Britain and its empire. Close examination of these texts' formal intricacies will be complemented by attention to the history and theory of prose fiction and to intellectual, artistic, and other historical developments these works address. Authors studied may include Joseph Conrad, James Joyce, Rebecca West, E. M. Forster, Virginia Woolf, Elizabeth Bowen, Raja Rao, George Lamming, and Samuel Beckett.

#### Fall 2018: ENGL GU4708

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4708	001/96999	M W 4:10pm - 5:25pm 201a Philosophy Hall	Douglas Mao	3	20/30

#### ENGL UN3850 Fiction, Intersubjectivity, and Relationality . 4 points.

We begin in relation, helpless and dependent. "You, reader, are alive today, reading this, because someone once adequately policed your mouth exploring," writes Maggie Nelson. This course will explore the "relational turn," which proposes a shift from the model of an autonomous, discrete, self-determining individuality, to an understanding of the self as comprehensible only within a tapestry of relationships, past and present, historical and contextual. In this light, the basic "unit of study" is not the individual as a separate entity, but as an interactional field, one that craves mutual recognition. In a parallel move, Mikhail Bakhtin offers that every utterance is a "two-sided act;" it is a "territory shared," the product of "the reciprocal relationship between the addresser and addressee." As we read, we too are read. Indeed, stories, novels and films present us with complex interactional fields in which we learn to ruminate on the subjective meanings humans attach to their behavior. Reading fiction is one of the ways we develop intersubjective capacities, what Max Weber calls interpretive understanding or *Verstehen*.

Fictions have much to teach us about the under-examined relational features of our own lives. They locate readers in a shaped world where we feel the cumulative weight of things left unsaid, where we fill in the narrative gaps, where we are confronted with the dynamics of self and other, connection and rupture, perception and evaluation. This course offers a deep

dive into theories of intersubjectivity and psychoanalytic writings on object relations and relational theory. We will single out works by Max Weber, Martin Buber, Mikhail Bakhtin, D.W. Winnicott, Franz Fanon, Judith Butler, Stephen A. Mitchell, Edouard Glissant and a few others toward readings of fictions by Bechdel, Coetzee, Dostoevsky, Ishiguro, Kurtz, Morrison, Sebald, Rankine, Woolf, and films by Michael Roemer, Mike Leigh, Spike Jonz, and Lance Hammer.

#### Fall 2018: ENGL UN3850

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3850	001/69695	Th 4:10pm - 6:00pm 612 Philosophy Hall	Maura Spiegel	4	9/25

## 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 2018: ENGL UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3002	001/12847	T Th 6:10pm - 8:00pm 612 Philosophy Hall	Emily Bloom	4	18/25

#### 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 2018: ENTA UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3701	001/18523	W 4:10pm - 6:00pm 511 Hamilton Hall	Austin Quigley	4	11/20

#### CLEN UN3983 WRITING ACROSS MEDIA. 4 points.

This course is structured as a comparative investigation of innovative modernist and postmodernist strategies for conjoining or counterpoising literature with other media, such as photography, painting, film, music, and dance. We will focus on experimental writing practices that deliberately combine disciplines and genres — mixing political commentary with memoir, philosophy with ethnography, journalism with history — with special attention to the ways that formal innovation lends itself to political critique. The course will be especially concerned with the ways that the friction among media seems to allow new or unexpected expressive possibilities. The syllabus is structured to allow us to consider a variety of edges between literature and other media — spaces where writing is sometimes taken to be merely raw material to be set, or ancillary comment on a work already composed (e.g. libretto, screenplay, gloss, caption, song lyric, voiceover, liner note). Examples may include lecture-performances by Gertrude Stein, John Cage, Spalding Gray, and Anne Carson; talk-dances by Bill T. Jones and Jerome Bel; sound poems by Kurt Schwitters, Langston Hughes, and Amiri Baraka; graphic novels by Art Spiegelman, Joshua Dysart, and Alison Bechdel; language-centered visual art by Vito Acconci, Carl Andre, Martha Rosler, and Jean-Michel Basquiat; texts including photographs or drawings by Wallker Evans and James Agee, Roland Barthes, W. G. Sebald, Aleksandar Hemon, Theresa Cha, John Yau, and John Keene; and hypertext/online compositions by Shelley Jackson, among others. Requirements will include in-class presentations and regular short structured writing assignments, as well as a 10-12 page final research paper.

#### Fall 2018: CLEN UN3983

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3983	001/86346	M 2:10pm - 4:00pm 401 Hamilton Hall	Brent Edwards	4	16/17

#### ENGL BC3151 Bad Feelings: The Uses of Literature in Difficult Times. 4 points.

This course will explore the purposes of literary study--and, by extension, humanistic education--during periods of turmoil. Working in sustained dialogue with one another, we will explore the treatment of emotions such as despair, anxiety, loss, fury & ecstasy in a wide variety of literary texts, ranging from literature that is ancient (e.g., Sophocles, Euripides) to early modern (William Shakespeare, Margaret Cavendish) to modern (Virginia Woolf, Ralph Ellison, Elena Ferrante). In the process, we will explore various schools of critical theory, such as Aristotle's *Poetics* (including the ancient theory of catharsis),

psychoanalysis, and feminism, in a context where the stakes of these intellectual traditions will come to the fore.

#### 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 aristéia, 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.

#### Fall 2018: ENGL UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/13396	T 4:10pm - 6:00pm 212d Lewisohn Hall	Marianne Giordani	4	16/15

#### 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.

**Fall 2018: CLEN GU4559**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4559	001/66246	Th 2:10pm - 4:00pm 612 Philosophy Hall	Denise Cruz	4	15/25

**ENTA UN3973 WAR PLAYS. 4 points.**

Dramatic art arose as a means of reckoning with war. The first known plays dramatized episodes from the Trojan War, for ancient Athenian festivals celebrating the city-state’s territorial expansion, and promoting universal military conscription. Renaissance drama, emerging shortly after the invention of state-centered “modern war,” took the “war story” as its meta-plot, and helped construe war as an intelligible, rule bound, and legitimate means of defining and defending the early modern state. More recently, the rise of “New Wars,” which blur the distinction between inter-state war, organized crime, and human rights violations, has been a primary subject for the “Post-Dramatic Theatre” that decomposes the traditional logics and structures of dramatic narratives, characters, and worlds. This course proceeds from the premise that drama -- which typically involves dialogic conflict in a bracketed space, lasting a certain duration and leading to recognition, purgation, and the establishment of a new order -- has always been a privileged form, site, and medium for thinking through a culture’s relationship to war. And it surveys major works from 2500 years of theatre history, to interrogate how the artform has been used to stage, aestheticize, exact, critique, and come to terms of war -- in its complex interplay of violence and imagination, affect and structure, narrative and space.

**Fall 2018: ENTA UN3973**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3973	001/26396	W 12:10pm - 2:00pm 401 Hamilton Hall	Warren Kluber	4	9/15

**ENGL UN3792 Film and Law. 4 points.**

Prerequisites: the instructor’s permission.

From its beginnings, film has been preoccupied with law: in cops and robbers silent films, courtroom drama, police procedural, judge reality show, or all the scenes that fill our media-saturated world. What do films and other audio-visual media tell us about

what it’s like to come before the law, or about such substantive issues as what counts as murder, war crimes, torture, sexual abuse? How do films model the techniques that lawyers use to sway the passions of their audiences? How do they model the symbolism of their gestures, icons, images? If films and other audio-visual media rewrite legal events, what is their effect: on law? on legal audiences? How is the experience of being a film spectator both like and unlike the experience of being a legal subject? This course investigates such questions by looking at representations of law in film and other audio-visual media. We will seek to understand, first, how film represents law, and, second, how film attempts to shape law (influencing legal norms, intervening in legal regimes). The seminar’s principal texts will be the films themselves, but we will also read relevant legal cases and film theory in order to deepen our understanding of both legal and film regimes.

**ENTA GU4732 American Plays and Musicals, 1940-Present. 3 points.**

Cultural education usually occurs piecemeal: a novel from this period, a poem from that. Cultural works are not, however, truly isolated from each other, but rather appear as artifacts of cultural systems. This course uses cultural works to understand a single cultural system: Broadway since 1940. Comparative analyses of musical and non-musical plays will illuminate how Broadway has changed over the past 75 years. We will attend to economic, social, technological, and other transformations in how Broadway makes, markets, and measures its shows. Through our explorations of some of those shows, we will grasp the system’s effects on major dramaturgical strategies including approaches to plot, characterization, and staging. The course thus simultaneously surveys major works of the commercial American theater, narrates a history of Broadway since 1940, and models how to think about the relationship between that history of the Broadway system and the works it produces.

**Fall 2018: ENTA GU4732**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 4732	001/22698	T Th 1:10pm - 2:25pm 516 Hamilton Hall	Derek Miller	3	21/40

## 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 Music (sections in the 070s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of music-making, from the classical to the contemporary. *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 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>.

#### Fall 2018: ENGL GS1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/65498	M W 8:40am - 9:55am 307 Mathematics Building	Gianmarco Saretto	3	12/14
ENGL 1010	003/68388	M W 10:10am - 11:25am 411 Hamilton Hall	David Jamieson	3	15/14
ENGL 1010	011/12164	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Katherine McIntyre	3	14/14
ENGL 1010	012/23542	T Th 1:10pm - 2:25pm 325 Pupin Laboratories	Valerio Amoretti	3	14/14
ENGL 1010	022/73948	M W 7:10pm - 8:25pm 201b Philosophy Hall	Marcus Creaghan	3	12/14
ENGL 1010	023/75900	T Th 7:10pm - 8:25pm 201b Philosophy Hall	Theresa Jefferson	3	12/14
ENGL 1010	117/29284	T Th 4:10pm - 5:25pm 652 Schermerhorn Hall	Allen Durgin	3	11/14
ENGL 1010	215/97198	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Chelsea Spata	3	14/14
ENGL 1010	216/89033	M W 4:10pm - 5:25pm 308a Lewisohn Hall	Jack Lowery	3	14/14

ENGL 1010	304/92097	T Th 10:10am - 11:25am 337 Seeley W. Mudd Building	Allaire Conte	3	14/14
ENGL 1010	313/72199	M W 2:40pm - 3:55pm 307 Mathematics Building	Simon Porzak	3	13/14
ENGL 1010	405/87530	M W 11:40am - 12:55pm 201d Philosophy Hall	Rebecca Wisor	3	13/14
ENGL 1010	408/28550	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Ameya Tripathi	3	14/14
ENGL 1010	418/13013	M W 5:40pm - 6:55pm 307 Mathematics Building	Kevin Windhauser	3	14/17
ENGL 1010	502/19696	T Th 8:40am - 9:55am 408a Philosophy Hall	Abigail Nehring	3	13/14
ENGL 1010	506/15897	M W 11:40am - 12:55pm 507 Philosophy Hall	Shelby Wardlaw	3	14/14
ENGL 1010	513/82601	M W 2:40pm - 3:55pm 307 Mathematics Building	Simon Porzak	3	0/14
ENGL 1010	607/22746	T Th 11:40am - 12:55pm 502 Northwest Corner	Avia Tadmor	3	14/14
ENGL 1010	709/20957	M W 1:10pm - 2:25pm 201b Philosophy Hall	Valerie Jacobs	3	13/14
ENGL 1010	710/27533	M W 1:10pm - 2:25pm 502 Northwest Corner	Buck Wanner	3	14/14
ENGL 1010	719/87599	M W 5:40pm - 6:55pm 405 Kent Hall	Elleza Kelley	3	13/14
ENGL 1010	914/86098	T Th 2:40pm - 3:55pm 502 Northwest Corner	Vanessa Guida	3	13/14
ENGL 1010	920/62700	T Th 5:40pm - 6:55pm 502 Northwest Corner	Yea Jung Park	3	10/14
ENGL 1010	921/71949	T Th 5:40pm - 6:55pm 405 Kent Hall	Anya Lewis-Meeks	3	12/14

#### Spring 2019: ENGL GS1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/11586	M W 8:40am - 9:55am 201b Philosophy Hall	Daniella Cadiz Bedini	3	14/14
ENGL 1010	008/69452	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Buck Wanner	3	13/14

ENGL 1010	010/26732	M W 1:10pm - 2:25pm 201b Philosophy Hall	Katherine McIntyre	3	11/14
ENGL 1010	015/69041	M W 2:40pm - 3:55pm 201b Philosophy Hall	Adam Horn	3	14/14
ENGL 1010	017/22359	T Th 2:40pm - 3:55pm 201b Philosophy Hall		3	14/14
ENGL 1010	018/76556	M W 4:10pm - 5:25pm 201b Philosophy Hall	Rebecca Sonkin	3	11/14
ENGL 1010	021/17664	M W 5:40pm - 6:55pm 201b Philosophy Hall	David Jamieson	3	13/14
ENGL 1010	023/25265	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Synne Borgen	3	14/14
ENGL 1010	024/20432	T Th 5:40pm - 6:55pm 502 Northwest Corner	Justin Snider	3	13/14
ENGL 1010	026/70499	T Th 7:10pm - 8:25pm 201b Philosophy Hall	Theresa Jefferson	3	12/14
ENGL 1010	119/20864	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Allen Durgin	3	13/14
ENGL 1010	213/70856	T Th 1:10pm - 2:25pm 423 Kent Hall	Glenn Gordon	3	13/14
ENGL 1010	225/29425	M W 7:10pm - 8:25pm 201b Philosophy Hall	Jack Lowery	3	12/14
ENGL 1010	304/67951	T Th 10:10am - 11:25am 201b Philosophy Hall	Allaire Conte	3	12/14
ENGL 1010	309/19207	M W 1:10pm - 2:25pm 307 Mathematics Building	Simon Porzak	3	13/14
ENGL 1010	312/74168	T Th 1:10pm - 2:25pm 502 Northwest Corner	Milan Terlunen	3	11/14
ENGL 1010	403/75155	M W 10:10am - 11:25am 201b Philosophy Hall	Rebecca Wisor	3	14/14
ENGL 1010	407/22516	T Th 11:40am - 12:55pm 201b Philosophy Hall	Ameya Tripathi	3	13/14
ENGL 1010	502/24886	T Th 8:40am - 9:55am 201b Philosophy Hall	Charlee Dyloff	3	13/14

ENGL 1010	605/63368	M W 11:40am - 12:55pm 201d Philosophy Hall	Shelby Wardlaw	3	14/14
ENGL 1010	616/74322	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Avia Tadmor	3	13/14
ENGL 1010	714/76979	M W 2:40pm - 3:55pm 201d Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	720/28958	M W 5:40pm - 6:55pm 201d Philosophy Hall	Elleza Kelley	3	13/14
ENGL 1010	906/28230	T Th 11:40am - 12:55pm 502 Northwest Corner	Vanessa Guida	3	14/14
ENGL 1010	911/70833	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Anya Lewis- Meeks	3	14/14
ENGL 1010	922/72336	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Yea Jung Park	3	14/14

### 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 Music (sections in the 070s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of music-making, from the classical to the contemporary. *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 the Performance Arts (sections in the 300s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of the various art forms. *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. *UW: Readings in Law and Justice (sections in the 700s)*. Features essays that study core questions of law and justice and that have important implications for our lives. *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>.

#### Fall 2018: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
ENGL 1010	002/12850	M W 8:40am - 9:55am 201b Philosophy Hall	Gabrielle DaCosta	3	13/14	ENGL 1010	028/60792	T Th 8:40am - 9:55am 201d Philosophy Hall	Austin Mantele	3	13/14
ENGL 1010	003/64200	M W 8:40am - 9:55am 201d Philosophy Hall	Laura Gruszka	3	14/14	ENGL 1010	029/72374	T Th 8:40am - 9:55am 307 Mathematics Building	Sumati Dwivedi	3	14/14
ENGL 1010	007/25926	M W 10:10am - 11:25am 201b Philosophy Hall	Ami Yoon	3	14/14	ENGL 1010	033/65417	T Th 10:10am - 11:25am 201b Philosophy Hall	Meadhbh McHugh	3	14/14
ENGL 1010	011/16179	M W 11:40am - 12:55pm 201b Philosophy Hall	Akua Banful	3	14/14	ENGL 1010	037/15575	T Th 11:40am - 12:55pm 201b Philosophy Hall	Milan Terlunen	3	14/14
ENGL 1010	015/72516	M W 1:10pm - 2:25pm 201d Philosophy Hall	Synne Borgen	3	14/14	ENGL 1010	041/13118	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Walter Gordon	3	14/14
ENGL 1010	018/17413	M W 2:40pm - 3:55pm 201d Philosophy Hall	Zoe Pollak	3	14/14	ENGL 1010	044/14661	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Nitzan Rotenberg	3	14/14
ENGL 1010	021/16252	M W 4:10pm - 5:25pm 201b Philosophy Hall	Rebecca Sonkin	3	14/14	ENGL 1010	045/14027	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Adam Horn	3	14/14
ENGL 1010	022/69042	M W 4:10pm - 5:25pm 201d Philosophy Hall	Veronica Belafi	3	14/14	ENGL 1010	047/68552	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emma Styles-Swaim	3	14/14
ENGL 1010	023/70954	M W 4:10pm - 5:25pm 307 Mathematics Building	Christina McCausland	3	14/14	ENGL 1010	048/26860	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Lindsey Cienfuegos	3	14/14
ENGL 1010	024/15008	M W 5:40pm - 6:55pm 201b Philosophy Hall	Brianne Baker	3	14/14	ENGL 1010	049/12218	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Anna Waller	3	14/14
ENGL 1010	025/71136	M W 5:40pm - 6:55pm 201d Philosophy Hall	Emily Hunt Kivel	3	13/14	ENGL 1010	051/11436	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Francois Olivier	3	13/14
ENGL 1010	026/74548	M W 5:40pm - 6:55pm 408a Philosophy Hall	Theresa Lin	3	14/14	ENGL 1010	052/18986	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Samuel Grabiner	3	14/14
ENGL 1010	027/29259	T Th 8:40am - 9:55am 201b Philosophy Hall	Patrick Moran	3	12/14	ENGL 1010	053/22786	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Naomi Michalowicz	3	14/14
						ENGL 1010	101/88015	M W 8:40am - 9:55am 408a Philosophy Hall	Lisa Foad	3	14/14
						ENGL 1010	140/16398	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Olivia Rutigliano	3	13/14
						ENGL 1010	143/28250	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Dennis Tang	3	14/14
						ENGL 1010	146/87697	T Th 4:10pm - 5:25pm 307 Mathematics Building	Emily Weitzman	3	14/14

ENGL 1010	213/78747	M W 1:10pm - 2:25pm 408a Philosophy Hall	Lisa Del Sol	3	14/14	ENGL 1010	650/13280	T Th 5:40pm - 6:55pm 307 Mathematics Building	Shoshana Akabas	3	12/14
ENGL 1010	217/13787	M W 2:40pm - 3:55pm 408a Philosophy Hall	Samuel Carpenter	3	14/14	ENGL 1010	716/62784	M W 2:40pm - 3:55pm 201b Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	230/62049	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	14/14	ENGL 1010	720/96898	M W 4:10pm - 5:25pm 408a Philosophy Hall	Daniel Lefferts	3	14/14
ENGL 1010	235/65896	T Th 11:40am - 12:55pm 201d Philosophy Hall	Diana Newby	3	13/14	ENGL 1010	906/11346	M W 10:10am - 11:25am 307 Mathematics Building	Lauren Horst	3	14/14
ENGL 1010	238/95948	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Allen Durgin	3	14/14	ENGL 1010	910/75516	M W 11:40am - 12:55pm 307 Mathematics Building	Hannah Kauders	3	13/14
ENGL 1010	308/13446	M W 11:40am - 12:55pm 502 Northwest Corner	Anne Potter	3	14/14	ENGL 1010	934/16447	T Th 11:40am - 12:55pm 307 Mathematics Building	Vanessa Guida	3	14/14
ENGL 1010	331/73497	T Th 10:10am - 11:25am 408a Philosophy Hall	Alessia Palanti	3	14/14	<b>Spring 2019: ENGL CC1010</b>					
						<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
ENGL 1010	404/64532	M W 10:10am - 11:25am 201d Philosophy Hall	Rebecca Wisor	3	14/14	ENGL 1010	001/21177	M W 8:40am - 9:55am 307 Mathematics Building	Gabrielle DaCosta	3	14/14
ENGL 1010	409/62699	M W 11:40am - 12:55pm 408a Philosophy Hall	Chloe Howe Haralambous	3	14/14	ENGL 1010	002/17719	M W 8:40am - 9:55am 201d Philosophy Hall	Gianmarco Saretto	3	14/14
ENGL 1010	419/60849	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Taleen Mardirossian	3	13/14	ENGL 1010	003/15413	M W 8:40am - 9:55am 408a Philosophy Hall	Emma Styles-Swaim	3	14/14
ENGL 1010	505/97049	M W 10:10am - 11:25am 408a Philosophy Hall	Brianna Williams	3	13/14	ENGL 1010	006/10369	M W 10:10am - 11:25am 307 Mathematics Building	Akua Banful	3	14/14
ENGL 1010	512/68699	M W 1:10pm - 2:25pm 307 Mathematics Building	Simon Porzak	3	14/14	ENGL 1010	007/21348	M W 10:10am - 11:25am 201d Philosophy Hall	Anna Waller	3	14/14
ENGL 1010	532/77530	T Th 10:10am - 11:25am 307 Mathematics Building	Charlee Dyroff	3	14/14	ENGL 1010	015/65416	M W 1:10pm - 2:25pm 408a Philosophy Hall	Laura Gruszka	3	14/14
ENGL 1010	536/81049	T Th 11:40am - 12:55pm 408a Philosophy Hall	Marianna Staroselsky	3	14/14	ENGL 1010	017/78596	T Th 2:40pm - 3:55pm Room TBA	Adam Winters	3	0/14
ENGL 1010	614/16996	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Antoinette Bumekpor	3	14/14	ENGL 1010	019/22352	M W 2:40pm - 3:55pm 408a Philosophy Hall	Christina McCausland	3	14/14
ENGL 1010	639/82780	T Th 1:10pm - 2:25pm 307 Mathematics Building	Tibo Halsberghe	3	13/14	ENGL 1010	022/15561	M W 4:10pm - 5:25pm 307 Mathematics Building	Veronica Belafi	3	14/14
ENGL 1010	642/67447	T Th 2:40pm - 3:55pm 307 Mathematics Building	Avia Tadmor	3	13/14	ENGL 1010	023/25079	M W 4:10pm - 5:25pm 201d Philosophy Hall	Samuel Grabiner	3	14/14
						ENGL 1010	024/17348	M W 5:40pm - 6:55pm	Theresa Lin	3	14/14

		307 Mathematics Building			ENGL 1010	214/28840	M W 1:10pm - 2:25pm	Lisa Del Sol	3	14/14
ENGL 1010	025/12215	M W 5:40pm - 6:55pm	Zoe Pollak	3	14/14		502 Northwest Corner			
		408a Philosophy Hall			ENGL 1010	217/66587	M W 2:40pm - 3:55pm	Samuel Carpenter	3	14/14
ENGL 1010	026/70756	M W 5:40pm - 6:55pm	Emily Hunt Kivel	3	14/14		502 Northwest Corner			
		411 Kent Hall			ENGL 1010	230/67838	T Th 10:10am - 11:25am	Frances Wood	3	14/14
ENGL 1010	027/61500	T Th 8:40am - 9:55am	Patrick Moran	3	14/14		307 Mathematics Building			
		307 Mathematics Building			ENGL 1010	238/26578	T Th 1:10pm - 2:25pm	Allen Durgin	3	13/14
ENGL 1010	028/22382	T Th 8:40am - 9:55am	Austin Mantele	3	14/14		307 Mathematics Building			
		201d Philosophy Hall			ENGL 1010	241/70828	T Th 1:10pm - 2:25pm	Diana Newby	3	14/14
ENGL 1010	029/19350	T Th 8:40am - 9:55am	Sumati Dwivedi	3	13/14		201d Philosophy Hall			
		408a Philosophy Hall			ENGL 1010	309/73735	M W 11:40am - 12:55pm	Anne Potter	3	14/14
ENGL 1010	037/62476	T Th 11:40am - 12:55pm	Phillip Polefrone	3	15/14		307 Mathematics Building			
		307 Mathematics Building			ENGL 1010	316/26829	M W 2:40pm - 3:55pm	Simon Porzak	3	14/14
ENGL 1010	045/61734	T Th 2:40pm - 3:55pm	Lindsey Cienfuegos	3	14/14		307 Mathematics Building			
		307 Mathematics Building			ENGL 1010	331/15544	T Th 10:10am - 11:25am	Alessia Palanti	3	14/14
ENGL 1010	047/66743	T Th 4:10pm - 5:25pm	Walter Gordon	3	14/14		201d Philosophy Hall			
		307 Mathematics Building			ENGL 1010	408/68227	M W 11:40am - 12:55pm	Rebecca Wisor	3	14/14
ENGL 1010	048/75480	T Th 4:10pm - 5:25pm	Francois Olivier	3	14/14		201b Philosophy Hall			
		408a Philosophy Hall			ENGL 1010	410/77440	M W 11:40am - 12:55pm	Chloe Howe	3	14/14
ENGL 1010	049/20481	T Th 4:10pm - 5:25pm	Jason Ueda	3	14/14		408a Philosophy Hall			
		502 Northwest Corner			ENGL 1010	418/73001	M W 2:40pm - 3:55pm	Taleen Mardirossian	3	14/14
ENGL 1010	050/63998	T Th 5:40pm - 6:55pm	Valerio Amoretti	3	13/14		652 Schermerhorn Hall			
		307 Mathematics Building			ENGL 1010	421/20052	M W 4:10pm - 5:25pm	Jessica Engebretson	3	14/14
ENGL 1010	051/66557	T Th 5:40pm - 6:55pm	Naomi Michalowicz	3	14/14		408a Philosophy Hall			
		201b Philosophy Hall			ENGL 1010	504/25959	M W 10:10am - 11:25am	Brianna Williams	3	14/14
ENGL 1010	052/20589	T Th 5:40pm - 6:55pm	Brianne Baker	3	14/14		502 Northwest Corner			
		613 Hamilton Hall			ENGL 1010	532/22857	T Th 10:10am - 11:25am	Abigail Nehring	3	14/14
ENGL 1010	105/14039	M W 10:10am - 11:25am	Ami Yoon	3	14/14		408a Philosophy Hall			
		408a Philosophy Hall			ENGL 1010	535/76262	T Th 11:40am - 12:55pm	Marianna Staroselsky	3	13/14
ENGL 1010	133/18801	T Th 10:10am - 11:25am	Lisa Foad	3	13/14		201d Philosophy Hall			
		502 Northwest Corner			ENGL 1010	540/14724	T Th 1:10pm - 2:25pm	Jonathan Reeve	3	14/14
ENGL 1010	143/14783	T Th 2:40pm - 3:55pm	Dennis Tang	3	14/14		408a Philosophy Hall			
		408a Philosophy Hall			ENGL 1010	613/70393	M W 1:10pm - 2:25pm	Antoinette Bumekpor	3	14/14
ENGL 1010	146/61053	T Th 4:10pm - 5:25pm	Emily Weitzman	3	14/14		652 Schermerhorn Hall			
		201b Philosophy Hall								

ENGL 1010	634/62437	T Th 11:40am - 12:55pm 408a Philosophy Hall	Avia Tadmor	3	14/14
ENGL 1010	639/22106	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Tibo Halsberghe	3	14/14
ENGL 1010	644/61121	T Th 2:40pm - 3:55pm 502 Northwest Corner	Marcus Creaghan	3	14/14
ENGL 1010	712/15181	M W 1:10pm - 2:25pm 201d Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	720/26570	M W 4:10pm - 5:25pm 502 Northwest Corner	Daniel Lefferts	3	14/14
ENGL 1010	911/75792	M W 11:40am - 12:55pm 502 Northwest Corner	Hannah Kauders	3	13/14
ENGL 1010	936/23348	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Lauren Horst	3	11/14
ENGL 1010	942/25972	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Vanessa Guida	3	14/14

## SPRING 2019 - 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 2018: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 3001	001/61494	W 6:10pm - 7:25pm 517 Hamilton Hall	Edward Mendelson	4	74/80
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#### Spring 2019: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/11770	F 10:10am - 11:25am 517 Hamilton Hall	Erik Gray	4	64/86

#### 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 2018: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/17984	M 6:10pm - 8:00pm 613 Hamilton Hall	Li Qi Peh	0	14/20
ENGL 3011	002/10179	M 6:10pm - 8:00pm 402 Hamilton Hall	Nicholas Mayer	0	16/20
ENGL 3011	003/13805	M 6:10pm - 8:00pm 413 Hamilton Hall	Daniella Cadiz Bedini	0	14/20
ENGL 3011	004/14933	W 12:10pm - 2:00pm 607 Hamilton Hall	Jonathan Reeve	0	14/20
ENGL 3011	005/67286	W 12:10pm - 2:00pm 303 Hamilton Hall	Jessica Engbretson	0	16/18

#### Spring 2019: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/25669	M 6:10pm - 8:00pm 402 Hamilton Hall	Meadhbh McHugh	0	8/18
ENGL 3011	002/27401	M 6:10pm - 8:00pm 522c Kent Hall	Kevin Windhauser	0	14/18
ENGL 3011	003/29052	M 12:10pm - 2:00pm 613 Hamilton Hall	Chelsea Spata	0	15/18
ENGL 3011	004/22614	M 6:10pm - 8:00pm 613 Hamilton Hall	Alexis Fabrizio	0	9/18
ENGL 3011	005/16413	M 12:10pm - 2:00pm 311 Fayerweather	Olivia Rutigliano	0	18/18

## MEDIEVAL

#### ENGL UN3920 MEDIEVAL ENGLISH TEXTS. 4 points.

Prerequisites: the instructor's permission.

(Seminar). **Application Instructions:** E-mail Professor David Yerkes ([dmyl@columbia.edu](mailto:dmyl@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.

#### Spring 2019: ENGL UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3920	001/70090	M 10:10am - 12:00pm 201a Philosophy Hall	David Yerkes	4	10/18

#### ENGL UN3895 Fantasy in Medieval Romance . 4 points.

What kinds of fantastic creatures and supernatural wonders fill the medieval imagination? What do these strange marvels say about medieval desires, fears, and beliefs? This course examines the supernatural in medieval romance, the most popular genre of the middle ages. Throughout the semester, we will investigate a wide-range of romances from early Breton lais to modern film adaptations, and we will identify the primary conventions and concerns that define the genre, such as waste lands, witches, demons, chivalry, identity, and sexual desire. We will pay particularly close attention to how fantasy works in these romances, considering what about the genre makes it particularly receptive to magic and what kinds of magical motifs recur throughout romance. We will contemplate how the supernatural works in these romances to articulate other pressing medieval concerns, such as religion, science, gender, politics, and culture. Most of our texts will be in the original Middle English, and you will achieve a proficient reading level of the language by the end of the course.

#### Spring 2019: ENGL UN3895

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3895	001/77496	W 12:10pm - 2:00pm 401 Hamilton Hall	Jenna Schoen	4	15/15

## 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 2019: ENGL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3336	001/70387	M W 10:10am - 11:25am 516 Hamilton Hall	Alan Stewart	3	47/54

#### ENGL UN3922 Renaissance Comedy. 4 points.

This course will investigate the comedy of the early modern English theater. Taking as a premise that the genre of comedy was ever-evolving and always in process on the stage, we will examine plays from the late-sixteenth century to the opening decades of the seventeenth, in order to ask how comedy both changed and

reflected upon itself in this period. In focusing on the carnival, the pastoral, the romantic, and the grotesque, we will ask how these plays grappled with issues of gender, sexuality, and the body, as well as structures of economic and political power. We will also consider classical and Continental influences on English drama, with a focus on a wide array of playwrights: Shakespeare, Jonson, Dekker, Middleton, and Fletcher, among others.

#### Spring 2019: ENGL UN3922

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3922	001/83279	M 2:10pm - 4:00pm 302 Fayerweather	Lauren Robertson	4	15/18

#### CLEN GU4122 The Renaissance in Europe II. 3 points.

Major texts of the Renaissance both south and north of the Alps, including those of Petrarch, Valla, Machiavelli, Castiglione, Erasmus, Thomas More, and Montaigne, with special emphasis on diverse style of early modern writing and the habits of reading they encouraged.

#### Spring 2019: CLEN GU4122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4122	001/71960	M W 4:10pm - 5:25pm 503 Hamilton Hall	Kathy Eden	3	28/54

## 18TH AND 19TH CENTURY

#### ENGL UN3254 Bad Research and the Victorian Novel. 4 points.

Today we tend to think of research--the stuff of labs, libraries, and data--as something quite separate from what a novel is or does. But during the mid-to late nineteenth century, the concept of research loomed large over the period's signature literary form. Novelists, as well as investigative journalists and scientists, sought new techniques to gather the phenomena of the external world into prose: they conducted fieldwork, kept writer's journals, consulted libraries and record offices, and experimented with the print infrastructures for producing, consuming, and circulating knowledge. Taking "research" and "the novel" as our organizing principles, this course will examine how new conceptions of knowledge--imagined as storable, exchangeable, sortable, and concealable--shaped the narrative forms of British fiction during the 1830s-1900s as writer sought ways to narrate the period's increasingly expansive scales of social and scientific inquiry. We'll focus on the particular kinds of research that fascinated Victorian novelists--"bad," deviant, minor, pathological, everyday--and the relation of this research to the construction of evidence, the scientific self, labor, and gender as social, historic, and economic processes. Over the course of the semester, we will consider how the conceptual crises and contradictions in the production of knowledge spurred on literary forms (blackmail plots, "omniscient" narrators, melodrama, realism), and how novelists conceptualized their own work as research (in the form of notebooks, personal archives, fieldwork), as we read fiction by Brontë, Gaskell, Dickens, Eliot, Stevenson, social theory by foundational thinkers of the nineteenth-century (Marx, Simmel, Martineau) and our own (Foucault, Barthes, Said, Steedman). As

a part of the course, we will also extend the conceptual questions raised by research to our own work, as we explore a range of scholarly tools and methods—from special collections archives to digital databases—in reflecting on the practices and infrastructures of research.

#### Spring 2019: ENGL UN3254

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3254	001/75504	M 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Sierra Eckert	4	6/15

#### ENGL UN3252 After Nature: Victorian Literature and the Environment. 4 points.

With our present realities of climate change and ecological crisis in the background, this course returns to a major inflection point in humanity's relationship with the natural world: the British nineteenth century. We'll examine Victorian ideas about (and representations of) nature and the environment that continue to inform our own. We'll look at different senses of "nature" as a source aesthetic wonder and moral value, and as a zone of alterity and violence: "red in tooth and claw." We'll consider advances in, and literary responses to, sciences like geology, evolutionary biology, and climatology that remain vital for understanding humanity's roles and effects in the natural world. We'll read about how human activity was seen as entangled with nature as an extractable resource and sink for waste products, both in Britain and across the territories of its empire. Finally, we'll contemplate alternative visions of human/nature interaction: rural landscapes that nostalgically record vanishing ways of life; and apocalyptic visions that look ahead to a world actually existing "after nature." Readings include novels (Dickens, Hardy, Haggard), poetry (Wordsworth, Clare, Tennyson, the Brownings, Hopkins, Emily Brontë), scientific writing (Lyell, Darwin, Huxley, Somerville), art criticism (Ruskin), and social theory (Mayhew, Mill).

#### Spring 2019: ENGL UN3252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3252	001/88030	M 4:10pm - 6:00pm 401 Hamilton Hall	Daniel Williams	4	10/18

#### ENGL UN3626 Great Short Works of American Prose. 4 points.

The aim of this course is to read closely and slowly short prose masterworks written in the United States between the mid-19<sup>th</sup> century and the mid-20<sup>th</sup> century, and to consider them in disciplined discussion. Most of the assigned works are fiction, but some are public addresses or lyrical or polemical essays. We will read with attention to questions of audience and purpose: for whom were they written and with what aim in mind: to promote a cause, make a case for personal or political action, provoke pleasure, or some combination of all of these aims? We will consider the lives and times of the authors but will focus chiefly on the aesthetic and argumentative structure of the works themselves.

#### Spring 2019: ENGL UN3626

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3626	001/82280	M 4:10pm - 6:00pm 317 Hamilton Hall	Andrew Delbanco	4	17/18

#### ENGL GU4597 LITERATURE OF COLONIAL AMERICA. 3 points.

This is a survey of American literatures and cultures ranging from the colonial era to the early Republic. Although most of the texts on the syllabus were written in colonies that would eventually become part of the U.S., the course itself is not designed to be a literary history of the United States. Instead, we will consider these texts in their local, regional, and Atlantic contexts, and inquire into the theological, political, and literary issues that framed the colonial experiences they describe. We will examine major concepts and themes that include Exploration and Captivity, Puritan theology, Antinomianism, the rise of the Enlightenment, Slavery and Emancipation, and the Age of Revolutions. Our investigations will push us to test the conceptual limits of these categories as we trace their place in emerging discourses of nationhood.

#### Spring 2019: ENGL GU4597

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4597	001/97197	M W 10:10am - 11:25am 603 Hamilton Hall	Cristobal Silva	3	22/35

#### ENGL GU4308 Explaining the Supernatural. 3 points.

This is a course about the early English novel's traffic in the supernatural and the fantastic. It tests the hypothesis that the most pressing challenge facing that emergent literary form across the eighteenth century was how to explain the supernatural. This claim makes the concerns of Gothic fiction more central than historians of the novel typically suppose. The phrase *explained supernatural* itself comes from the Gothic, specifically from the work of Ann Radcliffe, whose influential novels of the 1790s find natural causes for seemingly otherworldly incidents. Matthew Lewis represents a different alternative from the same period. His sensationalistic work *The Monk* (1796) keeps the supernatural obscure, inexplicable, and perverse. Since the Romantic era, readers have frequently distinguished between Radcliffe's approach and Lewis's, with significant consequences for the gendering of the Gothic. But we won't take this distinction for granted, and we will trace novelistic efforts to explain the supernatural back through earlier novels. While these narratives appeared before Horace Walpole's *Castle of Otranto* (1764)—almost universally called the first Gothic novel in English—they already ask recognizably Gothic questions about how to account for the unaccountable. Of special interest to us will be moments when these early novels can't quite decide what they want to do with the fantastic or the marvelous: enjoy it, seal it off elsewhere (in a Catholic past or an exoticized East, for instance), rationalize it, or redeem it.

Instead of sticking to strict chronology, we'll start with some concepts and theoretical problems from the period and read an early Radcliffe novel together. Then we'll circle back and briefly

acquaint ourselves with some different channels through which the supernatural fed into English prose fiction of the eighteenth century. Working our way forward to the late-century Gothic craze and Jane Austen's reaction to it in *Northanger Abbey*, we'll study two long, influential novels that expose deep insecurities about the modernizing process of excluding spirits and devils, or even knights and damsels, from the realm of imaginative possibility.

#### Spring 2019: ENGL GU4308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4308	001/88397	M W 2:40pm - 3:55pm 703 Hamilton Hall	Dustin Stewart	3	31/50

#### 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 2019: ENGL GU4404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4404	001/62944	M W 10:10am - 11:25am 703 Hamilton Hall	Erik Gray	3	43/54

## 20TH AND 21ST CENTURY

#### ENGL UN3227 James Joyce. 4 points.

This seminar explores the endlessly involving oeuvre of James Joyce, including *Dubliners*, *A Portrait of the Artist as a Young Man*, *Ulysses*, and sections of *Finnegans Wake*. We will also examine other Joycean texts, selected writings by other authors, relevant historiography, and critical takes on Joyce from the years in which he published to the present day.

#### Spring 2019: ENGL UN3227

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3227	001/93631	T 4:10pm - 6:00pm 607 Hamilton Hall	Douglas Mao	4	16/18

#### ENGL UN3968 IRISH LIT:20TH C.IRISH PROSE. 4 points.

Prerequisites: the instructor's permission.

This seminar course looks at the idea of Language and Form in Irish writing in the Twentieth Century. It will examine writing from the Irish Literary Renaissance, including work by Yeats and Synge, and writing by Irish Modernist writers, including Joyce, Beckett and Flann O'Brien. It will also study certain awkward presences in the Irish literary canon, such as Elizabeth Bowen. The class will then read work from later in the century, including the

novels of John Banville and John McGahern and the poetry of Seamus Heaney and Eavan Boland.

#### Spring 2019: ENGL UN3968

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3968	001/18887	T 12:10pm - 2:00pm 402 Hamilton Hall	Colm Toibin	4	17/18

#### ENGL UN3228 Aldous Huxley. 4 points.

The course proposes to examine the major works of Aldous Huxley as vital contributions to the emerging 20<sup>th</sup> century canon of modernism, internationalism, pacifism, spiritualism, and the psychology of modern consciousness. Critical studies of Huxley have typically split his work into two phases—social satire and mysticism—that roughly correspond to Huxley's perceived oscillation between cynicism and religiosity. This course proposes a less disjunctive approach to his writings. Huxley's starkly dystopian vision in *Brave New World* often overshadowed his earnest endeavors to find a meeting point between mainstream Western thought and the philosophical traditions of the non-Western world, particularly of Hinduism and Buddhism. His early novels, including *Brave New World*, bear traces of his deep-seated spiritual quest, even as his works were steeped in critiques of the ominous trends towards regimentation and authoritarian control of the social body.

As a novelist of ideas, Huxley gave voice to the most vexing intellectual and moral conflicts of his time, refusing to retreat into the solipsism of experimental writing while at the same time searching for wholeness in Eastern meditative systems. This course probes Huxley's writings from a multitude of angles, examining his works (both fiction and nonfiction) in the context of evolutionary, secular thought, while also reading them as strivings towards models of world peace inspired, to some extent, by mystical thought. The latter invoked concepts drawn from Hindu, Buddhist, and Jain thought, alongside Christian mysticism and Taoism, in an eclectic practice that Huxley called "the perennial philosophy." Organized chronologically, course readings include *Point Counter Point* (1928), *Brave New World* (1932), *Eyeless in Gaza* (1936), *Time Must Have a Stop* (1944), *The Perennial Philosophy* (1944), *Ape and Essence* (1948), *The Devils of Loudun* (1952), *The Doors of Perception* (1954), *The Genius and the Goddess* (1955), *Island* (1962), and *The Divine Within* (1992). This course will be of importance especially to students interested in the intersections of 20<sup>th</sup> century British modernist literature and non-Western philosophical and religious systems, as well as more generally to students interested in an intensive study of one of the 20<sup>th</sup> century's most prolific authors.

#### Spring 2019: ENGL UN3228

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3228	001/66396	W 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	13/18



**ENGL UN3225 Virginia Woolf. 3 points.**

(Lecture). Six novels and some non-fictional prose: *Jacob's Room*, *Mrs. Dalloway*, *To the Lighthouse*, *Orlando*, *The Waves*, *Between the Acts*; *A Room of One's Own*, *Three Guineas*. Applications on paper only (not e-mail) in Professor Mendelson's mailbox in 602 Philosophy, with your name, e-mail address, class (2017, 2018, etc.), a brief list of relevant courses that you've taken, and one sentence suggesting why you want to take the course.

**Spring 2019: ENGL UN3225**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3225	001/61565	T 10:10am - 12:00pm 401 Hamilton Hall	Edward Mendelson	3	17/18

**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.

**Spring 2019: CLEN UN3944**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3944	001/17449	T 4:10pm - 6:00pm 401 Hamilton Hall	Bruce Robbins	4	18/18

**ENGL UN3287 Hauntings: American Poetry in the 1980s. 4 points.**

This seminar explores the relationship between history and poetry. Focusing on the 1980s, also known as the Reagan era, we will privilege poetic production as a vantage point to think about this tumultuous period in the U.S. What is the relationship between this historical conception of the Reagan era and the poetic sensibility fostered in and against those social political conditions? By focusing on reading poetry books published in the 1980s, we will think through post-NY school, language, eco-, improvisational, confessional, avant-garde, feminist, visual, and performance poetry. What the political stakes of formal poetic concerns?

**ENGL UN3633 Literature and American Citizenship. 4 points.**

Prerequisites: Permission of instructor.

(Seminar). Who is a citizen? How has the notion of citizenship changed in American history? Questions of American citizenship - who can claim it and what it entails -- have been fiercely contested since the founding of the United States. Scholars have articulated various ways of conceptualizing citizenship: as a formal legal status; as a collection of state-protected rights; as political activity;

and as a form of identity and solidarity. In this seminar, we'll explore the role that literature and literary criticism have played in both shaping and responding to the narratives and civic myths that determine what it means to be an American citizen.

**Spring 2019: ENGL UN3633**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3633	001/27212	M 2:10pm - 4:00pm 424 Pupin Laboratories	Aaron Ritzberg	4	8/18

**ENGL UN3636 COLLECTIONS: CONTEMPORARY AMERICAN SHORT STORIES. 4 points.**

In this course, we will examine short stories as a particularly American form. The short story has been notoriously difficult to define, but one key characteristic of the genre is its presumed compact form alongside its compelling expansiveness. Short stories constantly toggle back and forth between the compressed and the broad. In the United States, the genre of short story has a long history of articulating and imagining an individual or community's changing and fraught relationship to transnational, national, and local dynamics (represented, for example, nineteenth and early twentieth-century authors such as Edgar Allan Poe, Nathaniel Hawthorne, Mary Wilkins Freeman, Sui Sin Far, Washington Irving, Charles Chestnutt, Mark Twain, Sarah Orne Jewett, Tillie Olsen, José García Villa, and Carlos Bulosan). Today, this catalog of writers can be matched with another list of contemporary North American short story authors featured on our syllabus: Jhumpa Lahiri, Chimamanda Adichie, Daniel Alarcón, Mohsin Hamid, George Saunders, Ted Chiang, Mona Award, Lydia Davis, Vanessa Hua, R. Zamora Linmark, Otesha Moshfegh, and Leanne Simpson. Some of the writers on this list are veterans of the short story form. Others are authors who recently published debut collections. As we work through our reading list, we will attempt to analyze not only individual short stories, but also what marks these books as collections. What might hold these texts together? What disrupts the unifying principles of a collection? And most importantly, what do short stories offer—in terms of representations of American life and culture and its complexity—that other forms do not?

**Spring 2019: ENGL UN3636**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3636	001/20954	Th 2:10pm - 4:00pm 612 Philosophy Hall	Denise Cruz	4	14/18

**ENGL UN3985 Film Noir. 4 points.**

Prerequisites: Permission of the instructor.

This course will consider Hollywood's noir films of the 1940s and 1950s as urban narratives that simultaneously resisted and enabled the U.S.'s post-WWII superpower status and its internal ethnic and gender norms; examples of French film noir and film criticism will be used as a comparative model. Readings will include original documents, histories, and urban, gender, and film theory; films will include *Double Indemnity*, *Gilda*, *The Big Heat*, *Cause of Alarm*, *The Sweet Smell of Success*, *In a Lonely Place*,



Pickup on Main Street, Panique, A Bout de Souffle (Breathless), and On the Waterfront.

**Spring 2019: ENGL UN3985**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3985	001/10100	W 6:10pm - 8:00pm 612 Philosophy Hall	Ann Douglas	4	18/18

**CLEN GU4727 COMPARATIVE MODERNISMS. 4 points.**

Modernism, the most significant aesthetic movement of the twentieth century, found expression across a range of forms.

While participants and critics associated the movement with innovation and the disruption of traditional aesthetic conventions, there is considerable dispute today about what modernism was. For example, did it focus on internal formal qualities or did it explore and disrupt the boundaries of disciplines, calling for the dissolution of art itself? Was it involved with fragmentation or pastiche (qualities now often associated with postmodernism), or did it seek to attain a new form of aesthetic unity or order, which in turned imposed new compositional constraints? Was it concerned with "truth" and "essence" or rather with multiple realities and appearances? Was it elitist in its formal abstraction and experimentation, or was it democratic and populist in its engagement with everyday life and mass culture?

**Spring 2019: CLEN GU4727**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4727	001/93648	T 2:10pm - 4:00pm 612 Philosophy Hall	Victoria Rosner	4	15/20

**ENGL GU4612 Jazz and American Culture. 3 points.**

(Lecture). An overview of jazz and its cultural history, with consideration of the influence of jazz on the visual arts, literature, and film. The course will also provide an introduction to the scholarship and methods of jazz studies. We will begin with Ralph Ellison's suggestive proposition that many aspects of American life are "jazz-shaped." How then might we define this music called jazz? What are its aesthetic ingredients and forms? What have been its characteristic sounds? How can we move toward a definition that sufficiently complicates the usual formulas of call-response, improvisation, and swing to encompass musical styles that are very different but which nonetheless are typically classified as jazz? With this ongoing problem of musical definition in mind, we will examine works in literature, painting, photography, and film, which may be defined as "jazz works" or ones that are "jazz-shaped." What is jazz-like about these works? What's jazz-like about the ways they were produced? And how, to get to the other problem in the course's title, is jazz American? What is the relationship of art to nation? What is the logic of American exceptionalism? What do we make of the many international dimensions of jazz music such as its many non-American practitioners? And what do representations of jazz artists in literature and film tell us about what people have thought about the music?

**Spring 2019: ENGL GU4612**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 4612	001/19551	M W 11:40am - 12:55pm 603 Hamilton Hall	Krin Gabbard	3	34/54
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**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, Ntzoake 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 2019: ENGL GU4622**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/23582	T Th 10:10am - 11:25am 503 Hamilton Hall	Farah Griffin	3	47/54

## SPECIAL TOPICS

**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 2019: ENGL UN3394**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3394	001/23498	F 10:10am - 12:00pm 612 Philosophy Hall	Susan Mendelsohn	4	16/18

**CLEN UN3720 Plato the Rhetorician. 4 points.**

Prerequisites: Instructor's permission

(Seminar). Although Socrates takes a notoriously dim view of persuasion and the art that produces it, the Platonic dialogues featuring him both theorize and practice a range of rhetorical strategies that become the nuts and bolts of persuasive argumentation. This seminar will read a number of these

dialogues, including *Apology*, *Protagoras*, *Ion*, *Gorgias*, *Phaedrus*, *Menexenus* and *Republic*, followed by Aristotle's *Rhetoric*, the rhetorical manual of Plato's student that provides our earliest full treatment of the art. Application instructions: E-mail Prof. Eden (khe1@columbia.edu) with your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available.

#### Spring 2019: CLEN UN3720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3720	001/69371	T 2:10pm - 4:00pm 716 Philosophy Hall	Kathy Eden	4	15/18

#### ENGL UN3397 The Athlete in the American Imagination. 4 points.

In the 21<sup>st</sup> century, the lines continue to blur between people who engage in physical activities and sporting events and “athletes”—those people whose public and private identities are shaped by commitment to their sports. The figure of the star athlete, the character of professional and amateur athletes, and questions about the roles that athletes play in American culture and politics have preoccupied American artists across media since at least the Gilded Age. This course will explore how writers and filmmakers have imagined the figure of the athlete and the significance of sports in the 20<sup>th</sup> and 21<sup>st</sup> century. We will study American works of fiction, nonfiction, film, and graphic novels centered on the figure of the athlete. How do writers and filmmakers represent the figure of the athlete and the forces that shape their experiences both when involved in their sports and in other aspects of their lives? How do athletes represent themselves in works of nonfiction (in both writing and film) when they tell their own stories? How do writers and film-makers explore questions about gender, race, class, sexual orientation, and political ideology through their depictions of American athletes?

#### Spring 2019: ENGL UN3397

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3397	001/62298	W 2:10pm - 4:00pm 317 Hamilton Hall	Nicole Wallack	4	6/18

#### CLEN UN3223 Medical Fictions, Romantic to Modern. 4 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 Susan Sontag's formulation of “illness as metaphor,” and in the emergent fields of “medical humanities” and “narrative medicine” that bridge the practices of writer and doctor. This course, which is open to students in both medicine and literature, aims to introduce students to how literary fiction—from the 19<sup>th</sup> century to the present day—reveals the historical interplay between physicians and writers. We examine how medical professionalism is portrayed in literature, how writers

and doctors negotiate the clinical encounter, and how narrative shapes the physician's practice. As we move through shifting paradigms in both medical and literary history, we explore how thematic, generic, and ethical concerns transcend the divisions between the disciplines: new fields like epidemiology, pathology, and psychiatry influenced the familiar form of the novel, while the case history and gothic fiction display unexpected commonalities. We consider, too, how problems of gender and sexuality recur across medical fictions, and how medical ways of knowing lend themselves to great artistic movements. As we read, we will strive to answer a broader question: why is medicine so often represented through tropes of the supernatural? Writers include Edgar Allan Poe, Charlotte Brontë, Anton Chekhov, Arthur Conan Doyle, Sylvia Plath, and Kazuo Ishiguro, as well as critical readings by Virginia Woolf, Sigmund Freud, Oliver Sacks, Michel Foucault, and Donna Haraway. **Both literature and medical (or pre-med) students are invited to apply; medical students may take this course for R-credit.** This seminar will particularly suit students who are interested in British literature, literature post-1800, prose fiction, social justice, and the medical humanities. To apply, write to the course instructor with a brief statement of interest.

#### Spring 2019: CLEN UN3223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3223	001/68696	Th 10:10am - 12:00pm 612 Philosophy Hall	Arden Hegele	4	17/15

## 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 Music (sections in the 070s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of music-making, from the classical to the contemporary. *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 the Performance Arts (sections in the 300s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of the various art forms. *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. *UW: Readings in Law and Justice (sections in the 700s)*. Features essays that study core questions of law and justice and that have important implications for our lives. *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>.

#### Fall 2018: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment					
ENGL 1010	002/12850	M W 8:40am - 9:55am 201b Philosophy Hall	Gabrielle DaCosta	3	13/14	ENGL 1010	026/74548	201d Philosophy Hall M W 5:40pm - 6:55pm 408a Philosophy Hall	Theresa Lin	3 14/14
						ENGL 1010	027/29259	T Th 8:40am - 9:55am 201b Philosophy Hall	Patrick Moran	3 12/14
						ENGL 1010	028/60792	T Th 8:40am - 9:55am 201d Philosophy Hall	Austin Mantele	3 13/14
						ENGL 1010	029/72374	T Th 8:40am - 9:55am 307 Mathematics Building	Sumati Dwivedi	3 14/14
						ENGL 1010	033/65417	T Th 10:10am - 11:25am 201b Philosophy Hall	Meadhbh McHugh	3 14/14
						ENGL 1010	037/15575	T Th 11:40am - 12:55pm 201b Philosophy Hall	Milan Terlunen	3 14/14
						ENGL 1010	041/13118	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Walter Gordon	3 14/14
						ENGL 1010	044/14661	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Nitzan Rotenberg	3 14/14
						ENGL 1010	045/14027	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Adam Horn	3 14/14
						ENGL 1010	047/68552	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emma Styles-Swaim	3 14/14
						ENGL 1010	048/26860	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Lindsey Cienfuegos	3 14/14
						ENGL 1010	049/12218	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Anna Waller	3 14/14
						ENGL 1010	051/11436	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Francois Olivier	3 13/14
						ENGL 1010	052/18986	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Samuel Grabiner	3 14/14
						ENGL 1010	053/22786	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Naomi Michalowicz	3 14/14
						ENGL 1010	101/88015	M W 8:40am - 9:55am 408a Philosophy Hall	Lisa Foad	3 14/14
						ENGL 1010	140/16398	T Th 1:10pm - 2:25pm	Olivia Rutigliano	3 13/14
ENGL 1010	003/64200	M W 8:40am - 9:55am 201d Philosophy Hall	Laura Gruszka	3	14/14					
ENGL 1010	007/25926	M W 10:10am - 11:25am 201b Philosophy Hall	Ami Yoon	3	14/14					
ENGL 1010	011/16179	M W 11:40am - 12:55pm 201b Philosophy Hall	Akua Banful	3	14/14					
ENGL 1010	015/72516	M W 1:10pm - 2:25pm 201d Philosophy Hall	Synne Borgen	3	14/14					
ENGL 1010	018/17413	M W 2:40pm - 3:55pm 201d Philosophy Hall	Zoe Pollak	3	14/14					
ENGL 1010	021/16252	M W 4:10pm - 5:25pm 201b Philosophy Hall	Rebecca Sonkin	3	14/14					
ENGL 1010	022/69042	M W 4:10pm - 5:25pm 201d Philosophy Hall	Veronica Belafi	3	14/14					
ENGL 1010	023/70954	M W 4:10pm - 5:25pm 307 Mathematics Building	Christina McCausland	3	14/14					
ENGL 1010	024/15008	M W 5:40pm - 6:55pm 201b Philosophy Hall	Brianne Baker	3	14/14					
ENGL 1010	025/71136	M W 5:40pm - 6:55pm	Emily Hunt Kivel	3	13/14					

ENGL 1010	143/28250	201d Philosophy Hall T Th 2:40pm - 3:55pm 408a Philosophy Hall	Dennis Tang	3	14/14	ENGL 1010	639/82780	652 Schermerhorn Hall T Th 1:10pm - 2:25pm 307 Mathematics Building	Tibo Halsberghe	3	13/14
ENGL 1010	146/87697	T Th 4:10pm - 5:25pm 307 Mathematics Building	Emily Weitzman	3	14/14	ENGL 1010	642/67447	T Th 2:40pm - 3:55pm 307 Mathematics Building	Avia Tadmor	3	13/14
ENGL 1010	213/78747	M W 1:10pm - 2:25pm 408a Philosophy Hall	Lisa Del Sol	3	14/14	ENGL 1010	650/13280	T Th 5:40pm - 6:55pm 307 Mathematics Building	Shoshana Akabas	3	12/14
ENGL 1010	217/13787	M W 2:40pm - 3:55pm 408a Philosophy Hall	Samuel Carpenter	3	14/14	ENGL 1010	716/62784	M W 2:40pm - 3:55pm 201b Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	230/62049	T Th 10:10am - 11:25am 201d Philosophy Hall	Frances Wood	3	14/14	ENGL 1010	720/96898	M W 4:10pm - 5:25pm 408a Philosophy Hall	Daniel Lefferts	3	14/14
ENGL 1010	235/65896	T Th 11:40am - 12:55pm 201d Philosophy Hall	Diana Newby	3	13/14	ENGL 1010	906/11346	M W 10:10am - 11:25am 307 Mathematics Building	Lauren Horst	3	14/14
ENGL 1010	238/95948	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Allen Durgin	3	14/14	ENGL 1010	910/75516	M W 11:40am - 12:55pm 307 Mathematics Building	Hannah Kauders	3	13/14
ENGL 1010	308/13446	M W 11:40am - 12:55pm 502 Northwest Corner	Anne Potter	3	14/14	ENGL 1010	934/16447	T Th 11:40am - 12:55pm 307 Mathematics Building	Vanessa Guida	3	14/14
ENGL 1010	331/73497	T Th 10:10am - 11:25am 408a Philosophy Hall	Alessia Palanti	3	14/14	<b>Spring 2019: ENGL CC1010</b>					
ENGL 1010	404/64532	M W 10:10am - 11:25am 201d Philosophy Hall	Rebecca Wisor	3	14/14	ENGL 1010	001/21177	M W 8:40am - 9:55am 307 Mathematics Building	Gabrielle DaCosta	3	14/14
ENGL 1010	409/62699	M W 11:40am - 12:55pm 408a Philosophy Hall	Chloe Howe Haralambous	3	14/14	ENGL 1010	002/17719	M W 8:40am - 9:55am 201d Philosophy Hall	Gianmarco Saretto	3	14/14
ENGL 1010	419/60849	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Taleen Mardirossian	3	13/14	ENGL 1010	003/15413	M W 8:40am - 9:55am 408a Philosophy Hall	Emma Styles-Swaim	3	14/14
ENGL 1010	505/97049	M W 10:10am - 11:25am 408a Philosophy Hall	Brianna Williams	3	13/14	ENGL 1010	006/10369	M W 10:10am - 11:25am 307 Mathematics Building	Akua Banful	3	14/14
ENGL 1010	512/68699	M W 1:10pm - 2:25pm 307 Mathematics Building	Simon Porzak	3	14/14	ENGL 1010	007/21348	M W 10:10am - 11:25am 201d Philosophy Hall	Anna Waller	3	14/14
ENGL 1010	532/77530	T Th 10:10am - 11:25am 307 Mathematics Building	Charlee Dyroff	3	14/14	ENGL 1010	015/65416	M W 1:10pm - 2:25pm 408a Philosophy Hall	Laura Gruszka	3	14/14
ENGL 1010	536/81049	T Th 11:40am - 12:55pm 408a Philosophy Hall	Marianna Staroselsky	3	14/14	ENGL 1010	017/78596	T Th 2:40pm - 3:55pm Room TBA	Adam Winters	3	0/14
ENGL 1010	614/16996	M W 1:10pm - 2:25pm	Antoinette Bumekpor	3	14/14	ENGL 1010	019/22352	M W 2:40pm - 3:55pm 408a Philosophy Hall	Christina McCausland	3	14/14



ENGL 1010	022/15561	M W 4:10pm - 5:25pm 307 Mathematics Building	Veronica Belafi	3	14/14		502 Northwest Corner			
						ENGL 1010	143/14783	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Dennis Tang	3 14/14
ENGL 1010	023/25079	M W 4:10pm - 5:25pm 201d Philosophy Hall	Samuel Grabiner	3	14/14					
						ENGL 1010	146/61053	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emily Weitzman	3 14/14
ENGL 1010	024/17348	M W 5:40pm - 6:55pm 307 Mathematics Building	Theresa Lin	3	14/14					
						ENGL 1010	214/28840	M W 1:10pm - 2:25pm 502 Northwest Corner	Lisa Del Sol	3 14/14
ENGL 1010	025/12215	M W 5:40pm - 6:55pm 408a Philosophy Hall	Zoe Pollak	3	14/14					
						ENGL 1010	217/66587	M W 2:40pm - 3:55pm 502 Northwest Corner	Samuel Carpenter	3 14/14
ENGL 1010	026/70756	M W 5:40pm - 6:55pm 411 Kent Hall	Emily Hunt Kivel	3	14/14					
						ENGL 1010	230/67838	T Th 10:10am - 11:25am 307 Mathematics Building	Frances Wood	3 14/14
ENGL 1010	027/61500	T Th 8:40am - 9:55am 307 Mathematics Building	Patrick Moran	3	14/14					
						ENGL 1010	238/26578	T Th 1:10pm - 2:25pm 307 Mathematics Building	Allen Durgin	3 13/14
ENGL 1010	028/22382	T Th 8:40am - 9:55am 201d Philosophy Hall	Austin Mantele	3	14/14					
						ENGL 1010	241/70828	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Diana Newby	3 14/14
ENGL 1010	029/19350	T Th 8:40am - 9:55am 408a Philosophy Hall	Sumati Dwivedi	3	13/14					
						ENGL 1010	309/73735	M W 11:40am - 12:55pm 307 Mathematics Building	Anne Potter	3 14/14
ENGL 1010	037/62476	T Th 11:40am - 12:55pm 307 Mathematics Building	Phillip Polefrone	3	15/14					
						ENGL 1010	316/26829	M W 2:40pm - 3:55pm 307 Mathematics Building	Simon Porzak	3 14/14
ENGL 1010	045/61734	T Th 2:40pm - 3:55pm 307 Mathematics Building	Lindsey Cienfuegos	3	14/14					
						ENGL 1010	331/15544	T Th 10:10am - 11:25am 201d Philosophy Hall	Alessia Palanti	3 14/14
ENGL 1010	047/66743	T Th 4:10pm - 5:25pm 307 Mathematics Building	Walter Gordon	3	14/14					
						ENGL 1010	408/68227	M W 11:40am - 12:55pm 201b Philosophy Hall	Rebecca Wisor	3 14/14
ENGL 1010	048/75480	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Francois Olivier	3	14/14					
						ENGL 1010	410/77440	M W 11:40am - 12:55pm 408a Philosophy Hall	Chloe Howe Haralambous	3 14/14
ENGL 1010	049/20481	T Th 4:10pm - 5:25pm 502 Northwest Corner	Jason Ueda	3	14/14					
						ENGL 1010	418/73001	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Taleen Mardirossian	3 14/14
ENGL 1010	050/63998	T Th 5:40pm - 6:55pm 307 Mathematics Building	Valerio Amoretti	3	13/14					
						ENGL 1010	421/20052	M W 4:10pm - 5:25pm 408a Philosophy Hall	Jessica Engebretson	3 14/14
ENGL 1010	051/66557	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Naomi Michalowicz	3	14/14					
						ENGL 1010	504/25959	M W 10:10am - 11:25am 502 Northwest Corner	Brianna Williams	3 14/14
ENGL 1010	052/20589	T Th 5:40pm - 6:55pm 613 Hamilton Hall	Brianne Baker	3	14/14					
						ENGL 1010	532/22857	T Th 10:10am - 11:25am 408a Philosophy Hall	Abigail Nehring	3 14/14
ENGL 1010	105/14039	M W 10:10am - 11:25am 408a Philosophy Hall	Ami Yoon	3	14/14					
						ENGL 1010	535/76262	T Th 11:40am - 12:55pm	Marianna Staroselsky	3 13/14

ENGL 1010	540/14724	201d Philosophy Hall T Th 1:10pm - 2:25pm 408a Philosophy Hall	Jonathan Reeve	3	14/14
ENGL 1010	613/70393	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Antoinette Bumeckpor	3	14/14
ENGL 1010	634/62437	T Th 11:40am - 12:55pm 408a Philosophy Hall	Avia Tadmor	3	14/14
ENGL 1010	639/22106	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Tibo Halsberghe	3	14/14
ENGL 1010	644/61121	T Th 2:40pm - 3:55pm 502 Northwest Corner	Marcus Creaghan	3	14/14
ENGL 1010	712/15181	M W 1:10pm - 2:25pm 201d Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	720/26570	M W 4:10pm - 5:25pm 502 Northwest Corner	Daniel Lefferts	3	14/14
ENGL 1010	911/75792	M W 11:40am - 12:55pm 502 Northwest Corner	Hannah Kauders	3	13/14
ENGL 1010	936/23348	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Lauren Horst	3	11/14
ENGL 1010	942/25972	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Vanessa Guida	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 Music (sections in the 070s)*. Features essays that analyze the politics, histories, communities, philosophies, and techniques of music-making, from the classical to the contemporary. *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 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>.

**Fall 2018: ENGL GS1010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/65498	M W 8:40am - 9:55am 307 Mathematics Building	Gianmarco Saretto	3	12/14
ENGL 1010	003/68388	M W 10:10am - 11:25am 411 Hamilton Hall	David Jamieson	3	15/14
ENGL 1010	011/12164	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Katherine McIntyre	3	14/14
ENGL 1010	012/23542	T Th 1:10pm - 2:25pm 325 Pupin Laboratories	Valerio Amoretti	3	14/14
ENGL 1010	022/73948	M W 7:10pm - 8:25pm 201b Philosophy Hall	Marcus Creaghan	3	12/14
ENGL 1010	023/75900	T Th 7:10pm - 8:25pm 201b Philosophy Hall	Theresa Jefferson	3	12/14
ENGL 1010	117/29284	T Th 4:10pm - 5:25pm 652 Schermerhorn Hall	Allen Durgin	3	11/14
ENGL 1010	215/97198	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Chelsea Spata	3	14/14
ENGL 1010	216/89033	M W 4:10pm - 5:25pm 308a Lewisohn Hall	Jack Lowery	3	14/14
ENGL 1010	304/92097	T Th 10:10am - 11:25am 337 Seeley W. Mudd Building	Allaire Conte	3	14/14
ENGL 1010	313/72199	M W 2:40pm - 3:55pm	Simon Porzak	3	13/14

ENGL 1010	405/87530	307 Mathematics Building M W 11:40am - 12:55pm 201d Philosophy Hall	Rebecca Wisor	3	13/14	ENGL 1010	017/22359	201b Philosophy Hall T Th 2:40pm - 3:55pm 201b Philosophy Hall	3	14/14
ENGL 1010	408/28550	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Ameya Tripathi	3	14/14	ENGL 1010	018/76556	M W 4:10pm - 5:25pm 201b Philosophy Hall	Rebecca Sonkin	3 11/14
ENGL 1010	418/13013	M W 5:40pm - 6:55pm 307 Mathematics Building	Kevin Windhauser	3	14/17	ENGL 1010	021/17664	M W 5:40pm - 6:55pm 201b Philosophy Hall	David Jamieson	3 13/14
ENGL 1010	502/19696	T Th 8:40am - 9:55am 408a Philosophy Hall	Abigail Nehring	3	13/14	ENGL 1010	023/25265	T Th 5:40pm - 6:55pm 201d Philosophy Hall	Synne Borgen	3 14/14
ENGL 1010	506/15897	M W 11:40am - 12:55pm 507 Philosophy Hall	Shelby Wardlaw	3	14/14	ENGL 1010	024/20432	T Th 5:40pm - 6:55pm 502 Northwest Corner	Justin Snider	3 13/14
ENGL 1010	513/82601	M W 2:40pm - 3:55pm 307 Mathematics Building	Simon Porzak	3	0/14	ENGL 1010	026/70499	T Th 7:10pm - 8:25pm 201b Philosophy Hall	Theresa Jefferson	3 12/14
ENGL 1010	607/22746	T Th 11:40am - 12:55pm 502 Northwest Corner	Avia Tadmor	3	14/14	ENGL 1010	119/20864	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Allen Durgin	3 13/14
ENGL 1010	709/20957	M W 1:10pm - 2:25pm 201b Philosophy Hall	Valerie Jacobs	3	13/14	ENGL 1010	213/70856	T Th 1:10pm - 2:25pm 423 Kent Hall	Glenn Gordon	3 13/14
ENGL 1010	710/27533	M W 1:10pm - 2:25pm 502 Northwest Corner	Buck Wanner	3	14/14	ENGL 1010	225/29425	M W 7:10pm - 8:25pm 201b Philosophy Hall	Jack Lowery	3 12/14
ENGL 1010	719/87599	M W 5:40pm - 6:55pm 405 Kent Hall	Elleza Kelley	3	13/14	ENGL 1010	304/67951	T Th 10:10am - 11:25am 201b Philosophy Hall	Allaire Conte	3 12/14
ENGL 1010	914/86098	T Th 2:40pm - 3:55pm 502 Northwest Corner	Vanessa Guida	3	13/14	ENGL 1010	309/19207	M W 1:10pm - 2:25pm 307 Mathematics Building	Simon Porzak	3 13/14
ENGL 1010	920/62700	T Th 5:40pm - 6:55pm 502 Northwest Corner	Yea Jung Park	3	10/14	ENGL 1010	312/74168	T Th 1:10pm - 2:25pm 502 Northwest Corner	Milan Terlunen	3 11/14
ENGL 1010	921/71949	T Th 5:40pm - 6:55pm 405 Kent Hall	Anya Lewis-Meeks	3	12/14	ENGL 1010	403/75155	M W 10:10am - 11:25am 201b Philosophy Hall	Rebecca Wisor	3 14/14
<b>Spring 2019: ENGL GS1010</b>						ENGL 1010	407/22516	T Th 11:40am - 12:55pm 201b Philosophy Hall	Ameya Tripathi	3 13/14
ENGL 1010	001/11586	M W 8:40am - 9:55am 201b Philosophy Hall	Daniella Cadiz Bedini	3	14/14	ENGL 1010	502/24886	T Th 8:40am - 9:55am 201b Philosophy Hall	Charlee Dyroff	3 13/14
ENGL 1010	008/69452	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Buck Wanner	3	13/14	ENGL 1010	605/63368	M W 11:40am - 12:55pm 201d Philosophy Hall	Shelby Wardlaw	3 14/14
ENGL 1010	010/26732	M W 1:10pm - 2:25pm 201b Philosophy Hall	Katherine McIntyre	3	11/14	ENGL 1010	616/74322	T Th 2:40pm - 3:55pm	Avia Tadmor	3 13/14
ENGL 1010	015/69041	M W 2:40pm - 3:55pm	Adam Horn	3	14/14					

ENGL 1010	714/76979	201d Philosophy Hall M W 2:40pm - 3:55pm 201d Philosophy Hall	Valerie Jacobs	3	14/14
ENGL 1010	720/28958	M W 5:40pm - 6:55pm 201d Philosophy Hall	Elleza Kelley	3	13/14
ENGL 1010	906/28230	T Th 11:40am - 12:55pm 502 Northwest Corner	Vanessa Guida	3	14/14
ENGL 1010	911/70833	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Anya Lewis- Meeks	3	14/14
ENGL 1010	922/72336	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Yea Jung Park	3	14/14



# ETHNICITY AND RACE STUDIES

**Center for the Study of Ethnicity and Race** (<http://www.columbia.edu/cu/cser>): 423 Hamilton; 212-854-0507

**Program Director:** Prof. Claudio Lomnitz (<https://www.cser.columbia.edu/claudio-lomnitz>) (Interim 2018-19) | 425 Hamilton | 212-854-2564 | [cl2510@columbia.edu](mailto:cl2510@columbia.edu)

**Director of Undergraduate Studies:** Prof. Deborah Paredez (<https://www.cser.columbia.edu/deborah-paredez>), 425 Hamilton | 212-854-2564 | Office Hours: 1-3pm | sign-up sheet on door of 425 Hamilton | [d.paredez@columbia.edu](mailto:d.paredez@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](mailto:cser@columbia.edu)

In the past, students have also participated in study abroad programs in Australia, Dominican Republic, Mexico, and South Africa. To ensure that study abroad complements the major and integrates effectively with the requirements of the major,

students are encouraged to consult with CSER's undergraduate adviser as early in their academic program as possible. The director of undergraduate studies can advise students on what may be exciting programs for their areas.

## DEPARTMENTAL HONORS

CSER majors may choose to write and/or produce an honors project. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing. If a monograph, the honors thesis is expected to be 35-50 pages in length. Honors projects can also take other forms, such as video or websites. These projects also require a written component, but of a shorter length than the traditional thesis. During their senior year, honors students perform research as part of CSER UN3990 Senior Project Seminar. Senior projects are due in early April. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D.

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 (History)  
 Natasha Lightfoot (History)  
 Claudio Lomnitz (Anthropology)  
 Frances Negrón-Muntaner (English and Comparative Literature)  
 Mae Ngai (History)  
 Ana Maria Ochoa (Ethnomusicology)  
 Gary Okihiro (School of International and Public Affairs)  
 Deborah Paredez (CSER and Professional Practice)  
 Audra Simpson (Anthropology)  
 Neferti Tadiar (Barnard, Women's Studies)

## AFFILIATED FACULTY

Rachel Adams (English and Comparative Literature)  
 Carlos Alonso (Latin American and Iberian Cultures)  
 Christina Burnett (Law School)  
 Nadia Abu El-Haj (Anthropology, Barnard)  
 Kaiama L. Glover (French, Barnard)  
 Steven Gregory (Anthropology)  
 Kim Hall (English, Barnard)  
 Marianne Hirsch (English and Comparative Literature)

Maja Horn (Spanish and Latin American Cultures, Barnard)  
 Jean Howard (English and Comparative Literature)  
 Elizabeth Hutchinson (Art History, Barnard)  
 Ira Katznelson (Political Science)  
 George Lewis (Music)  
 Natasha Lightfoot (History)  
 Jose Moya (History, Barnard)  
 Celia Naylor (History, Barnard)  
 Greg Pflugfelder (East Asian Languages and Cultures)  
 Pablo Piccato (History)  
 Caterina Pizzigoni (History)  
 Elizabeth A. Povinelli (Anthropology)  
 Bruce Robbins (English and Comparative Literature)  
 Samuel Roberts (History)  
 Joseph Slaughter (English and Comparative Literature)  
 Dennis Tenen (English and Comparative Literature)

## 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
<b>Core Courses</b>		
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
<b>Specialization</b>		
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:

### 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 2018

### 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 2018: CSER UN1040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1040	001/63782	M 2:10pm - 4:00pm 509 Knox Hall	Jennifer Lee	0	18/22

#### Spring 2019: CSER UN1040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1040	001/18671	M 2:10pm - 4:00pm 509 Knox Hall	Jennifer Lee	0	16/22

#### 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.

#### Fall 2018: CSER UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1601	001/76498	M 2:10pm - 4:00pm 516 Hamilton Hall	Frances Negron-Muntaner	3	30/35

#### 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 2018: CSER UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3490	001/21912	Th 10:10am - 12:00pm 304 Hamilton Hall	Elizabeth OuYang	4	20/22

#### 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 2018: ENGL UN3520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3520	001/60030	T Th 11:40am - 12:55pm 517 Hamilton Hall	Denise Cruz	3	44/60

#### 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 2018: CSER UN3904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3904	001/28439	T 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Stuart Rockefeller	4	17/22

#### 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 2018: CSER UN3905

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3905	001/64361	M 10:10am - 12:00pm 407 Mathematics Building	Shinhee Han	4	19/22



**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.

**Fall 2018: CSER UN3912**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3912	001/17209	T 2:10pm - 4:00pm 420 Hamilton Hall	Hiilei Hobart	4	13/22

**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 2018: CSER UN3919**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3919	001/11510	W 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 2018: CSER UN3922**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3922	001/63169	Th 4:10pm - 6:00pm 304 Hamilton Hall	Eric Gamalinda	4	26/29

**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 2018: CSER UN3923**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3923	001/23721	M 2:10pm - 4:00pm 607 Hamilton Hall	Nathalie Handal	4	20/22

**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 2018: CSER UN3926**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3926	001/21782	T 4:10pm - 6:00pm 603 Hamilton Hall	Edward Morales	4	27/22

**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 2018: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/71657	W 4:10pm - 6:00pm 420 Hamilton Hall	Mae Ngai	4	22/22

#### Spring 2019: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/18445	Th 4:10pm - 6:00pm 420 Hamilton Hall	Theodore Hughes	4	15/22

### 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.

#### Fall 2018: CSER UN3935

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3935	001/74529	M 12:10pm - 2:00pm 420 Hamilton Hall	Claudio Lomnitz	4	16/22

### CSER GU4000 INTRO TO AMERICAN STUDIES. 3 points.

See department for course description

### 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.

#### Fall 2018: CPLS GU4220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4220	001/83451	Th 10:10am - 12:00pm 420 Hamilton Hall	Sayantani DasGupta	4	16/18

### 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 2018: CSER GU4360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4360	001/28428	T 10:10am - 12:00pm 420 Hamilton Hall	Deborah Paredez	4	15/22

### 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.

**Fall 2018: CLEN GU4559**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4559	001/66246	Th 2:10pm - 4:00pm 612 Philosophy Hall	Denise Cruz	4	15/25

## 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 2018: EEEB GU4321**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/22812	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack, Marya Pollack	4	19/20

**Spring 2019: EEEB GU4321**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/69519	W 2:10pm - 4:00pm 607 Hamilton Hall	Robert Pollack, Marya Pollack	4	17/20

## SPRING 2019

### Ethnicity and Race Studies

#### CSER UN1011 Introduction to Asian American Studies. 3 points.

This course provides an overview of Asian/ Pacific American history from the late 18th Century until the present day. The course follows a thematic format that begins with European and American empires in Asia and the Pacific. The course surveys significant and interrelated topics -- including anti-Asian movements, immigration and exclusion, various forms of resistance, Orientalism, media representations, the model minority myth, the Asian American movement, identity, and racial, ethnic, and generational conflicts -- in Asian/ Pacific American history of the 19th and 20th Centuries. Each of these concepts and topics will resonant, in various expressions and forms, well into the 21st Century and beyond.

**Spring 2019: CSER UN1011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1011	001/77646	T Th 2:40pm - 3:55pm 420 Hamilton Hall	Glenn Magpantay	3	11/22

#### 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 2018: CSER UN1040**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1040	001/63782	M 2:10pm - 4:00pm 509 Knox Hall	Jennifer Lee	0	18/22

**Spring 2019: CSER UN1040**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1040	001/18671	M 2:10pm - 4:00pm 509 Knox Hall	Jennifer Lee	0	16/22

#### CSER UN3219 NATIVE FOOD SOVEREIGNTY. 4 points.

What is food sovereignty? How do you decolonize your diet? This course takes a comparative approach to understanding how and why food is a central component of contemporary sovereignty discourse. More than just a question of eating, Indigenous foodways offer important critiques of, and interventions to, the settler state: food connects environment, community, public health, colonial histories, and economics. Students will theorize these connections by reading key works from across the fields of Critical Indigenous Studies, Food Studies, Philosophy, History, and Anthropology. In doing so, we will question the potentials, and the limits, of enacting, food sovereignty within the settler state, whether dietary decolonization is possible in the so-called age of the Anthropocene, and the limits of working within and against today's legacies of the colonial food system.

**Spring 2019: CSER UN3219**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3219	001/81759	M 12:10pm - 2:00pm 420 Hamilton Hall	Hiilei Hobart	4	23/22

#### 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 2019: CSER UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3701	001/18532	T 4:10pm - 6:00pm 402 Hamilton Hall	Edward Morales	4	19/22

#### 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 2018: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/71657	W 4:10pm - 6:00pm 420 Hamilton Hall	Mae Ngai	4	22/22

#### Spring 2019: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/18445	Th 4:10pm - 6:00pm 420 Hamilton Hall	Theodore Hughes	4	15/22

#### 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 2019: CSER UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3940	001/18285	Th 10:10am - 12:00pm	Elizabeth OuYang	4	21/22

201a Philosophy  
Hall

#### 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-19<sup>th</sup> 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 2019: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/18596	W 2:10pm - 4:00pm 337 Seeley W. Mudd Building	Nadia Abu El-Haj	4	25/30

#### 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](http://www.nationalbook.org/nba2012_nf_shadid.html)), Hisham Matar, and Adhaf Soueif.

#### Spring 2019: CSER UN3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3970	001/18612	M 2:10pm - 4:00pm 607 Hamilton Hall	Nathalie Handal	4	17/22

#### 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 2019: CSER UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3990	001/18647	Th 10:10am - 12:00pm 420 Hamilton Hall	Cesar Colon-Montijo	4	7/17

#### 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 2019: CSER GU4340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 4340	001/18436	W 10:10am - 12:00pm 420 Hamilton Hall	Sayantani DasGupta	4	19/20
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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 2019: CSER GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4350	001/11196	Th 4:10pm - 6:00pm 402 Hamilton Hall	Eric Gamalinda	4	16/22

#### CSER GU4482 Indigenous People's Rights: From Local Identities to the Global Indigenous Movement. 4 points.

Indigenous Peoples, numbering more than 370 million in some 90 countries and about 5000 groups and representing a great part of the world’s human diversity and cultural heritage, continue to raise major controversies and to face threats to their physical and cultural existence. The main task of this course is to explore the complex historic circumstances and political actions that gave rise to the international Indigenous movement through the human rights agenda and thus also produced a global Indigenous identity on all continents, two intertwined and deeply significant phenomena over the past fifty years. We will analyze the achievements, challenges and potential of the dynamic interface between the Indigenous Peoples’ movement—one of the strongest social movements of our times— and the international community, especially the United Nations system. Centered on the themes laid out in the United Nations Declaration on the Rights of Indigenous Peoples (2007), the course will examine how Indigenous Peoples have been contesting and reshaping norms, institutions and global debates in the past 50 years, re-shaping and gradually decolonizing international institutions and how they have contributed to some of the most important contemporary

debates, including human rights, development, law, and specifically the concepts of self-determination, governance, group rights, inter-culturality and pluriculturality, gender, land, territories and natural resources, cultural rights, intellectual property, health, education, the environment and climate justice. The syllabus will draw on a variety of academic literature, case studies and documentation of Indigenous organizations, the UN and other intergovernmental organizations as well as States from different parts of the world. Students will also have the opportunity to meet with Indigenous leaders and representatives of international organizations and States and will be encouraged to attend the United Nations Permanent Forum on Indigenous Issues. Select short films will be shown and discussed in class.

**Spring 2019: CSER GU4482**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4482	001/13380	M W 4:10pm - 5:25pm 420 Pupin Laboratories	Elsa Stamatopoulou	4	9/35

**CSER GU4483 Subcitizenship. 4 points.**

The class will survey the status of groups with compromised citizenship status internationally, including indigenous Bolivians, Indian immigrants to Dubai, and Arabs in France. Then we will look at several different kinds of subcitizenship in the United States, focusing on African Americans, Native Americans, “white trash,” and Chicanos. In the course of the term we will shift between looking at the administrative practices that render people subcitizens, experiences of marginalization, and how contestations such as the DREAM Act movement, the idea of “cultural citizenship” and newly powerful indigenous movements in South America are removing control of citizenship from states, and transforming citizenship for everyone.

**Spring 2019: CSER GU4483**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4483	001/14655	T 10:10am - 12:00pm 507 Philosophy Hall	Stuart Rockefeller	4	13/22

# FILM AND MEDIA STUDIES

**Departmental Office:** 513 Dodge; 212-854-2815  
<http://arts.columbia.edu/film>

**Director of Undergraduate Studies:** Prof. Robert King, 509C Dodge Hall; 212-854-2815; [rk2704@columbia.edu](mailto: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 2018: FILM UN1000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/15375	T 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Robert King	3	85/100
FILM 1000	001/15375	Th 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Robert King	3	85/100

#### **Spring 2019: FILM UN1000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/27519	T 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Jane Gaines	3	26/60
FILM 1000	001/27519	Th 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Jane Gaines	3	26/60

### **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 2018: FILM UN1010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1010	001/24816	M 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Ronald Gregg	3	50/75
FILM 1010	001/24816	W 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Ronald Gregg	3	50/75

### **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 2019: FILM UN2010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2010	001/23795	T 10:10am - 11:25am Kob Lenfest Center For The Arts	Vito Adriaenssens	3	27/40
FILM 2010	001/23795	Th 10:10am - 12:55pm Kob Lenfest Center For The Arts	Vito Adriaenssens	3	27/40

### **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 2018: FILM UN2020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2020	001/22945	M 10:10am - 11:25am Kob Lenfest Center For The Arts	Richard Pena	3	28/75
FILM 2020	001/22945	W 10:10am - 12:55pm Kob Lenfest Center For The Arts	Richard Pena	3	28/75

**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 2018: FILM UN2030**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2030	001/64024	W 2:00pm - 5:45pm 511 Dodge Building	Annette Insdorf	3	36/65

**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 2019: FILM UN2040**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2040	001/69154	W 4:10pm - 5:25pm Kob Lenfest Center For The Arts	Richard Pena	3	46/60
FILM 2040	001/69154	M 4:10pm - 6:55pm Kob Lenfest Center For The Arts	Richard Pena	3	46/60

**FILM UN2190 Topics in American Cinema. 3 points.**

Comedy:

This course will explore the history of American film comedy from the origins of cinema to the present. In its various forms, comedy has always been a staple of American film production; but it has also always been a site of heterogeneity and nonconformity in the development of American cinema, with neither its form nor its content fitting normative models of film practice. This course accounts for that nonconformity by exploring comedy's close and essential links to "popular" cultural sources (in particular, vaudeville, variety, stand-up); it looks at how different comic filmmakers have responded to and reshaped those sources; and it examines the relation between comedy and social change. Rather than engage the entire spectrum of comic styles (animation, mockumentary, etc.), this course is primarily focused on a single tradition bridging the silent and sound eras: the performance-centered, "comedian comedy" format associated with performers as diverse as Charlie Chaplin, Mae West, the Marx Brothers, and, into the present, Sacha Baron Cohen, Dave Chappelle, Amy Schumer, and others. "Laughter and its forms," writes theorist Mikhail Bakhtin, "represent the least scrutinized sphere of the people's creation." This course will restore film comedy to the scrutiny it deserves, examining both its inward formal development and its external relation to other modes of social expression.

, Western:

This course surveys the first century of the American Western film genre, and its relation to American imaginings and ideologies of the "frontier," with in-depth readings of key precursor texts, including memoirs, histories, novels, and other forms. We will consider the evolution of the genre and its changing place within the film industry, and study exemplary films that established and challenged the genre's narrative, aesthetic, and ideological conventions. We will explore how films engage with the history and myth of the American West in various historical circumstances. We will also be analyzing the politics of the Western, in particular how films articulate configurations of race, class, nation, and gender. And we will study the way Western films and filmmakers themselves interrogate the analytic categories we use to study them -- categories such as "genre" and "auteur" -- with specific attention to the work and career of John Ford. Please note: the course requires sustained engagement with and analysis of lengthy written texts as well as films, so please be prepared for a bit more reading than what you might expect from a typical film survey course. Corequisite FILM UN2191.

**Fall 2018: FILM UN2190**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2190	001/24208	M 10:00am - 1:45pm 511 Dodge Building	James Schamus	3	10/65

**Spring 2019: FILM UN2190**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2190	003/29694	M 1:10pm - 2:25pm	Robert King	3	73/100

FILM 2190 003/29694 Kob Lenfest Center  
For The Arts  
W 1:10pm - 3:55pm Robert King 3 73/100  
Kob Lenfest Center  
For The Arts

**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.

**Fall 2018: FILM UN2294**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2294	001/94691	W 4:10pm - 5:25pm Kob Lenfest Center For The Arts	Richard Pena	3	54/100
FILM 2294	001/94691	M 4:10pm - 6:50pm Kob Lenfest Center For The Arts	Richard Pena	3	54/100

**FILM UN2295 World Cinema: Latin America - Discussion Section. 0 points.**

**Not offered during 2018-19 academic year.**

Discussion section lead by a Teaching Assistant to review lecture, reading and screening.

**Fall 2018: FILM UN2295**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2295	001/62246	Th 9:00am - 10:00am 507 Dodge Building	Daniel Becerril	0	16/20
FILM 2295	002/26029	Th 9:00am - 10:00am 512 Dodge Building	Robert Kerr	0	2/20
FILM 2295	003/88943	Th 1:00pm - 2:00pm 403 Dodge Building	Myranda D'Apolito	0	17/20
FILM 2295	004/92068	Th 5:00pm - 6:00pm 508 Dodge Building	Maria Majluf Baeza	0	17/20

**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 2019: FILM UN2310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2310	001/20600	Th 10:00am - 1:45pm 511 Dodge Building	Nico Baumbach	3	32/60

**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](mailto:cj2374@columbia.edu) for permission to register.

This course will focus on writing fresh, original, lively criticism, and on creating strong arguments for your ideas. Screenings in and outside class will be followed by discussion and in-class writing exercises. We will screen films from classics to some currently in theaters, and analyze and evaluate critical responses. Students will write short reviews and longer essays. Prerequisite: Instructor's permission. Submit a short writing sample to [cj2374@columbia.edu](mailto:cj2374@columbia.edu). Note: because permission is required, on-line registration may say the course is full when it is not. Please add the course to your wait list and you will be notified when you have permission to add the class.

**Fall 2018: FILM UN2410**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2410	001/66584	M 2:00pm - 5:00pm 403 Dodge Building	Caryn James	3	4/12

**FILM UN2420 Laboratory in Screenwriting. 3 points.**

Open to film majors only.

Exercises in the writing of film scripts.

**Fall 2018: FILM UN2420**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/61317	T 10:00am - 1:00pm 513f Dodge Building	Neda Jebelli	3	7/12
FILM 2420	002/22615	W 10:00am - 1:00pm 512 Dodge Building	Fernando Iriarte	3	8/12

**Spring 2019: FILM UN2420**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/61801	W 10:00am - 1:00pm 512 Dodge Building	Saim Sadiq	3	13/12
FILM 2420	002/60178	M 2:00pm - 5:00pm 403 Dodge Building	Gina Hackett	3	12/12

**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 2018: FILM UN2510**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2510	001/75054	M 2:00pm - 5:00pm 508 Dodge Building	Selman Nacar	3	4/12

**Spring 2019: FILM UN2510**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2510	001/24122	W 2:00pm - 5:00pm 512 Dodge Building	Jasmin Freitas Tenucci	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.

**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 2018 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 2019: FILM UN3010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3010	002/13749	W 2:00pm - 5:45pm 511 Dodge Building	Annette Insdorf	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.

**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 2018: FILM UN3900**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3900	001/70275	Th 2:00pm - 5:30pm 512 Dodge Building	Annette Insdorf	3	8/12

**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.**  
**Not offered during 2018-19 academic year.**

Fee: Lab Fee - 75

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 2018: FILM UN3915**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3915	001/86847	M 10:00am - 1:00pm 508 Dodge Building	Benjamin Leonberg	3	11/12

**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 2018: FILM UN3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3920	001/12417	Th 10:00am - 1:00pm 512 Dodge Building	Loren-Paul Caplin	3	15/12

**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 2019: FILM UN3925**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3925	001/75739	M 10:00am - 1:00pm 403 Dodge Building	Loren-Paul Caplin	3	11/12

**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.

**Fall 2018: FILM UN3930**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3930	002/61060	T 2:00pm - 5:45pm 508 Dodge Building	Edward Turk	3	18/15

**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 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 2018: FILM GU4000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4000	001/23502	M 2:00pm - 5:45pm 511 Dodge Building	Nico Baumbach	3	65/75

**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?

**Fall 2018: FILM GU4910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4910	001/17926	M 6:00pm - 9:00pm 508 Dodge Building	James Schamus	3	10/15

**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.

**Spring 2019: FILM GU4940**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4940	001/62548	Th 10:00am - 1:00pm 403 Dodge Building	Ronald Gregg	3	13/15

**FILM GU4950 Visual Bodies: From Cinema to New Media. 3 points.**

How is the human body, in its diversity, portrayed on screen? And how may filmic languages—from cinema to new media—be affected by the multifaceted experience of our embodied dimension? In this course we will examine the intricate relationship between cinema and the body as a paradigmatic way to study how moving images are seen, made, and experienced today. From a plurality of standpoints (historical, formal, theoretical) and across a wide range of corpus (documentary, fiction, experimental, new media, art cinema), we will ask ourselves how different filmic discourses are able to represent and explore the creative faculties but also the darker sides of the body, its gestures, desires, impulses or drives. We will investigate how they can account for the cognitive, gender, cultural, technological and political revolutions associated with the body throughout history, with a particular emphasis on contemporary contexts of new images, mediascapes, and practices. Focusing on several key-sites of the (post-)modern condition—cosmopolitan/metropolitan experiences, narrative technolo-gies, 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 2018: FILM GU4951**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4951	001/60942	M 10:00am - 1:00pm 507 Dodge Building	Lance Weiler, Robert King	3	19/18

# 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](mailto:td2551@columbia.edu)

**Director of the Language Program: Dr. Pascale Hubert-Leibler, 519 Philosophy; 212-854-4819; [ph2028@columbia.edu](mailto:ph2028@columbia.edu)**

**Academic Department Administrator:** Isabelle Chagnon, 515 Philosophy; 212-854-7978; [ic7@columbia.edu](mailto: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](mailto:studyabroad@columbia.edu). For a list of approved study abroad programs, visit <http://www.ogp.columbia.edu/index.cfm?FuseAction=Programs.ListAll>.

## Reid Hall, Paris

Located at 4 rue de Chevreuse, Paris, Reid Hall is administered by Columbia University. It offers semester and year-long programs of study, as well as summer courses.

Most students who study at Reid Hall take courses in the French university system (e.g., at the Sorbonne) and core courses offered at Reid Hall. In their first semester, students take a course in academic writing in French, enabling them to succeed at a high level in French university courses. Special opportunities include small topical seminars of Reid Hall students and French students.

For information on study abroad at Reid Hall, visit [www.ogp.columbia.edu](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  
Emmanuelle Saada



## ASSOCIATE PROFESSORS

Peter Connor (Barnard)  
Joanna Stalnaker

## ASSISTANT PROFESSORS

Thomas Dodman  
Eliza Zingesser

## VISITING PROFESSORS

Etienne Balibar

## SENIOR LECTURERS

Heidi Holst-Knudsen  
Pascale Hubert-Leibler  
Sophie Queuniet

## LECTURERS

Vincent Aurora  
Alexandra Borer  
Pascale Crépon  
Samuel Skippon

## 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 2018: FREN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/71082	T Th F 8:40am - 9:55am 411 Hamilton Hall	Alexandra Borer	4	16/18
FREN 1101	002/29197	M T W Th 8:50am - 9:55am 609 Hamilton Hall	Tommaso Manfredini	4	12/18
FREN 1101	003/73928	M T W Th 10:10am - 11:15am 507 Philosophy Hall	Benjamin Olivennes	4	13/18
FREN 1101	004/16876	T Th F 10:10am - 11:25am 411 Hamilton Hall	Alexandra Borer	4	19/18
FREN 1101	005/68246	M T W Th 11:40am - 12:45pm 413 Hamilton Hall	Nadrah Mohammed	4	13/18
FREN 1101	006/76039	M T W Th 1:10pm - 2:15pm 413 Hamilton Hall	Christopher Wood	4	16/18
FREN 1101	007/19885	T Th F 1:10pm - 2:25pm 407 Hamilton Hall	Molly Lindberg	4	13/18

FREN 1101 008/66542	M W F 2:40pm - 3:55pm 407 Hamilton Hall	Hayet Sellami	4	6/18	
FREN 1101 009/16087	T Th F 4:10pm - 5:25pm 407 Hamilton Hall	Eric Matheis	4	8/18	
FREN 1101 010/76395	T Th F 6:10pm - 7:25pm 413 Hamilton Hall	Eric Matheis	4	10/18	
<b>Spring 2019: FREN UN1101</b>					
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101 001/21987	M T W Th 8:50am - 9:55am 316 Hamilton Hall	Pascale Crepon	4	11/18	
FREN 1101 002/13552	M T W Th 10:10am - 11:25am 316 Hamilton Hall	Pascale Crepon	4	16/18	
FREN 1101 003/63838	T Th F 11:40am - 12:55pm 424 Kent Hall	Gabriela Badea	4	13/18	
FREN 1101 004/76180	M T W Th 1:10pm - 2:15pm 413 Hamilton Hall	Pascale Hubert-Leibler	4	19/18	
FREN 1101 005/71942	T Th F 1:10pm - 2:25pm 424 Kent Hall	Gabriela Badea	4	10/18	
FREN 1101 006/72598	T Th F 4:10pm - 5:25pm 318 Hamilton Hall	Eric Matheis	4	9/18	
FREN 1101 007/25968	T Th F 6:10pm - 7:25pm 318 Hamilton Hall	Eric Matheis	4	10/18	

**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 2018: FREN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102 001/10182	M T W Th 8:50am - 9:55am 316 Hamilton Hall	Sarah Sasson	4	14/18	
FREN 1102 002/64960	M W 10:10am - 11:15am 212a Lewisohn Hall	Sarah Sasson	4	12/15	
FREN 1102 002/64960	T Th 10:10am - 11:15am 606 Lewisohn Hall	Sarah Sasson	4	12/15	
FREN 1102 003/75179	M T W Th 11:40am - 12:45pm 407 Hamilton Hall	Gabriela Badea	4	12/18	
FREN 1102 004/61909	M T W Th 1:10pm - 2:15pm 411 Hamilton Hall	Gabriela Badea	4	11/18	
FREN 1102 005/71650	T Th F 2:40pm - 3:55pm 411 Hamilton Hall	Alexandre Bournery	4	15/18	

**Spring 2019: FREN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 1102 001/11766	T Th F 8:40am - 9:55am 313 Hamilton Hall	Kalinka Courtois	4	8/18	
FREN 1102 002/74758	M T W Th 8:50am - 9:55am 407 Hamilton Hall	Adam Cutchin	4	8/18	
FREN 1102 003/22379	M T W Th 10:10am - 11:15am 407 Hamilton Hall	Adam Cutchin	4	11/18	
FREN 1102 004/29908	T Th F 10:10am - 11:25am 254 International Affairs Bldg	Benjamin Olivennes	4	16/18	
FREN 1102 005/75437	M T W Th 11:40am - 12:45pm 315 Hamilton Hall	Nadrah Mohammed	4	13/18	
FREN 1102 006/71879	T Th F 1:10pm - 2:25pm 104 Knox Hall	Molly Lindberg	4	10/18	
FREN 1102 007/65456	M W F 1:10pm - 2:25pm 255 International Affairs Bldg	Hayet Sellami	4	5/18	
FREN 1102 008/70217	T Th F 2:40pm - 3:45pm 424 Kent Hall	Gabriela Badea	4	11/18	
FREN 1102 009/64531	M W Th 4:10pm - 5:25pm 315 Hamilton Hall	Christopher Wood	4	16/18	
FREN 1102 010/12199	M W Th 6:10pm - 7:25pm 313 Hamilton Hall	Christopher Wood	4	15/18	

**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 2018: FREN UN1105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1105 001/15656	M T W Th 9:00am - 11:00am 201a 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 2018: FREN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101 001/75049	M T W Th 1:10pm - 2:00pm 507 Hamilton Hall	Imen Amiri	4	11/18	

FREN 2101 002/17337	M T W Th 9:10am - Pascale 10:00am Crepon 407 Hamilton Hall	4	17/18
FREN 2101 003/24026	M T W Th 10:10am - Pascale - 11:00am Crepon 407 Hamilton Hall	4	14/18
FREN 2101 004/63159	M T W Th 12:10pm - Christopher - 1:00pm Wood 411 Hamilton Hall	4	12/18
FREN 2101 005/17158	T W Th 8:40am - Imen Amiri 9:55am 411 Kent Hall	4	6/18
FREN 2101 006/15496	T Th F 1:10pm - Sophie 2:25pm Queuniet 609 Hamilton Hall	4	16/18
FREN 2101 007/72501	M T W Th 2:10pm - Elizabeth - 3:00pm Albes 316 Hamilton Hall	4	6/18
FREN 2101 008/29673	M W F 4:10pm - Hayet 5:25pm Sellami 411 Hamilton Hall	4	6/18
FREN 2101 009/75947	M W Th 6:10pm - Christopher 7:25pm Wood 407 Hamilton Hall	4	14/18

**Spring 2019: FREN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101	001/29826	M T W Th 9:10am - 10:00am 411 Hamilton Hall	Imen Amiri	4	11/18
FREN 2101	002/68962	M T W Th 10:10am - 11:00am 411 Hamilton Hall	Imen Amiri	4	9/18
FREN 2101	003/65356	T Th F 11:40am - 12:55pm 407 Hamilton Hall	Vincent Aurora	4	10/18
FREN 2101	004/18833	T Th F 1:10pm - 2:25pm 407 Hamilton Hall	Vincent Aurora	4	16/18
FREN 2101	005/63138	M W F 2:40pm - 3:55pm 255 International Affairs Bldg	Hayet Sellami	4	8/18

**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 2018: FREN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/27942	T Th F 8:40am - 9:55am 413 Hamilton Hall	Adam Cutchin	4	10/18
FREN 2102	002/67259	T Th F 10:10am - 11:25am 413 Hamilton Hall	Adam Cutchin	4	11/18

FREN 2102 003/64631	M T W Th 12:10pm Sarah - 1:00pm Sasson 318 Hamilton Hall	4	17/18
FREN 2102 004/24981	M T W Th 1:10pm Alison - 2:00pm Bouffet 318 Hamilton Hall	4	12/18
FREN 2102 006/72674	T Th F 2:40pm - Heidi 3:55pm Holst- 413 Hamilton Hall Knudsen	4	18/18

**Spring 2019: FREN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/92070	T W Th 8:30am - 9:45am 308a Lewisohn Hall	Samuel Skippon	4	9/18
FREN 2102	002/65195	M T W Th 9:10am - 10:00am 413 Hamilton Hall	Alison Bouffet	4	16/18
FREN 2102	003/66355	T Th F 10:10am - 11:25am 112 Knox Hall	Katherine Raichlen	4	7/10
FREN 2102	004/76924	T Th F 11:40am - 12:55pm 411 Hamilton Hall	Elsa Stephan	4	10/18
FREN 2102	005/64027	M T W Th 12:10pm - 1:00pm 616 Hamilton Hall	Imen Amiri	4	12/18
FREN 2102	006/77578	M T W Th 1:10pm - 2:00pm 424 Pupin Laboratories	Ostiane Courau	4	14/18
FREN 2102	007/15127	T Th F 1:10pm - 2:25pm 411 Hamilton Hall	Elsa Stephan	4	9/18
FREN 2102	008/69442	T Th F 2:40pm - 3:55pm 307 Pupin Laboratories	Heidi Holst-Knudsen	4	19/18
FREN 2102	009/64694	M W Th 6:10pm - 7:25pm 315 Hamilton Hall	Alexandre Bournery	4	20/18

**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.**

**Spring 2019: FREN UN2121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2121	001/24416	M W 1:10pm - 2:25pm 407 Hamilton Hall	Adam Cutchin	2	9/15
FREN 2121	002/16409	M W 1:10pm - 2:25pm 254 International Affairs Bldg	Laurence Marie	2	5/15



**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.

**Spring 2019: FREN UN2122**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2122	001/70287	T Th 10:10am - 11:25am 315 Hamilton Hall	Alexandra Borer	2	13/15
FREN 2122	002/71361	T Th 1:10pm - 2:25pm 616 Hamilton Hall	Alexandra Borer	2	11/15

**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 2018: FREN UN2106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106	001/13153	M W 4:10pm - 5:25pm 407 Hamilton Hall	Adham Azab	3	3/18

**Spring 2019: FREN UN2106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106	001/69042	M W 4:10pm - 5:25pm 413 Hamilton Hall	Katherine Balkoski	3	6/15

**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 2018: FREN UN3131**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3131	001/27618	T Th 10:10am - 11:25am 315 Hamilton Hall	Samuel Skippon	2	11/15
FREN 3131	002/13121	M W 10:10am - 11:25am 313 Hamilton Hall	Paul Wimmer	2	10/18
FREN 3131	003/77199	M W 1:10pm - 2:25pm 407 Hamilton Hall	Hayet Sellami	2	6/15

**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 2018: FREN UN3240**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3240	001/72327	T Th 4:10pm - 5:25pm 413 Hamilton Hall	Heidi Holst-Knudsen	3	18/18

**Spring 2019: FREN UN3240**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3240	001/61147	T Th 4:10pm - 5:25pm 307 Pupin Laboratories	Heidi Holst-Knudsen	3	19/18

**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 2019: FREN UN3241**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3241	001/22818	M W 11:40am - 12:55pm 316 Hamilton Hall	Pascale Crepon	3	8/20

**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 2018: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/73275	T Th 10:10am - 11:25am 253 International Affairs Bldg	Sophie Queuniet	3	7/15
FREN 3405	002/60544	M W 11:40am - 12:55pm 315 Hamilton Hall	Pascale Crepon	3	9/15
FREN 3405	003/74977	T Th 1:10pm - 2:25pm 253 International Affairs Bldg	Eric Matheis	3	5/15

#### Spring 2019: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/62436	T Th 8:40am - 9:55am 315 Hamilton Hall	Alexandra Borer	3	5/15
FREN 3405	002/71513	T Th 2:40pm - 3:55pm 407 Hamilton Hall	Vincent Aurora	3	11/15
FREN 3405	003/22901	M W 11:40am - 12:55pm 254 International Affairs Bldg	Laurence Marie	3	6/15

## 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 2018: FREN UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/65944	M W 2:40pm - 3:55pm 613 Hamilton Hall	Rose Gardner	3	6/20

#### Spring 2019: FREN UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/67557	M W 5:40pm - 6:55pm 411 Hamilton Hall	William Burton	3	2/18

### 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 2018: FREN UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 3334	001/68566	T Th 11:40am - 12:55pm 609 Hamilton Hall	Adam Cutchin	3	11/20
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#### Spring 2019: FREN UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3334	001/23626	T Th 4:10pm - 5:25pm 224 Pupin Laboratories	Rose Gardner	3	6/18

### 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 2018: FREN UN3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3420	001/16086	T Th 2:40pm - 3:55pm 313 Hamilton Hall	Katherine Raichlen	3	16/20

### 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 2019: FREN UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3421	001/16069	M W 8:40am - 9:55am 401 Hamilton Hall	Tommaso Manfredini	3	10/20

### 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-21th 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 2018-19 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 2018-19 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 2018-19 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 2019: FREN UN3600**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3600	001/15830	T Th 11:40am - 12:55pm 602 Northwest Corner	Elizabeth Albes	3	5/20

**FREN W3603 Sexual Enlightenment. 3 points.**

**Not offered during 2018-19 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, Crébillon, 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 siècle. 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 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 2018-19 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*, *poème en prose*?), and we will explore notions such as exoticism, automatism, avant-garde or anthology. The ultimate goal is to reflect on the practice of writing and reading poetry in the context of a structural imbalance between center and periphery. The course is taught in French and the readings will be in French.

**FREN W3666 Moliere. 3 points.**

Prerequisites: completion of *FREN W3333* or *W3334* and *W3405*, or the director of undergraduate studies' permission. Study of Molière's major plays, including *Tartuffe*, *Dom Juan*, and *Le Misanthrope*, focusing on key concepts such as naturalness and convention, value and exchange, and the relationship between ethics and comedy. Special attention will be paid to the connections between critical approaches of the text and the various ways in which the plays can be staged.

**FREN W3714 1914-2014 : un siècle de littératures en français. 3 points.**

**Not offered during 2018-19 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 2018-19 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 2018-19 academic year.**

Prerequisites: *FREN W3333-FREN W3334* or the director of undergraduate studies' or the instructor's permission. The students are required to be able to read and discuss tales in French. Transcribing, adapting, rewriting, reinventing in the French language African oral tales is an important literary genre in African

francophone literature. The works of authors such as Amadou Hampâté Bâ from Mali, Bernard Dadié from Côte d'Ivoire and Birago Diop from Senegal are among the classics of that genre. The course is a study of a certain number of "tales" written with talent and humor by Bâ, Dadié and Diop; they are from the following books: *Il n'y a pas de petite querelle* (Bâ), *Le pagne noir* (Dadié), *Les contes d'Amadou Koumba*, and *Les nouveaux contes d'Amadou Koumba* (Diop). This course is intended primarily for undergraduate students interested in French and in Francophone Studies majors, concentrators, and those who speak French and want to study an important aspect of literature in French.

**FREN W3726 Sex, Class and Shame in 20th-21th Century French Literature. 3 points.**

Prerequisites: 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 2018: FREN UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3995	001/73641	T 4:10pm - 6:00pm 507 Philosophy Hall	Pierre Force	3	10/20

**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 2018: FREN UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/17400		Thomas Dodman	3	1/18

**Spring 2019: FREN UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/10392			3	3/20

**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.

# 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](mailto:dev1@columbia.edu)  
[tw2284@columbia.edu](mailto:tw2284@columbia.edu)

**Language Instruction:** Jutta Schmiere-Heller, 403A Hamilton; 212-854-4824; [js2331@columbia.edu](mailto:js2331@columbia.edu) ([rak23@columbia.edu](mailto:rak23@columbia.edu))

The Department of Germanic Languages and Literatures is considered one of the very best in the country. Many of the faculty specialize in the study of German literature and culture from 1700 to the present. German majors acquire proficiency in examining literary, philosophical, and historical texts in the original, as well as critical understanding of modern German culture and society. Particular attention is given to German-speaking traditions within larger European and global contexts. Courses taught in translation build on Columbia's Core Curriculum, thereby allowing students to enroll in upper-level seminars before completing the language requirement.

All classes are taught as part of a living culture. Students have ample opportunities to study abroad, to work with visiting scholars, and to take part in the cultural programs at Deutsches Haus. In addition, the department encourages internships with German firms, museums, and government offices. This hands-on experience immerses students in both language and culture, preparing them for graduate study and professional careers.

Upon graduation, German majors compete successfully for Fulbright or DAAD scholarships for research in Germany or Austria beyond the B.A. degree. Our graduating seniors are highly qualified to pursue graduate studies in the humanities and social sciences, as well as professional careers. Former majors and concentrators have gone on to careers in teaching, law, journalism, banking and consulting, international affairs, and communications.

German literature and culture courses are taught as seminars integrating philosophical and social questions. Topics include romanticism, revolution, and national identity; German intellectual history; minority literatures; Weimar cinema; German-Jewish culture and modernity; the Holocaust and memory; and the history and culture of Berlin. Classes are small, with enrollment ranging from 5 to 15 students.

The department regularly offers courses in German literature and culture in English for students who do not study the German language. The department also participates in Columbia's excellent program in comparative literature and society.

## ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP German Language exam, which satisfies the foreign language

requirement. Credit is awarded upon successful completion of a 3000-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in German. Courses taught in English may not be used for language AP credit. The department grants 0 credits for a score of 4 on the AP German Language exam, but the foreign language requirement is satisfied.

## THE YIDDISH STUDIES PROGRAM

The program in Yiddish studies offers a track in both the undergraduate major and concentration, in addition to graduate studies leading to the Ph.D. The graduate program is considered one of the world's most important, with its graduates holding many of the major university positions in the field. In both the undergraduate and graduate program, emphasis is placed not merely on acquiring linguistic proficiency and textual study, but also viewing Yiddish literature in a larger cultural and interdisciplinary context.

Students work with faculty in Germanic languages, Jewish studies, history, and Slavic studies to broaden their understanding of the literature, language, and culture of Eastern European Jewry. Classes are small, and instruction is individualized and carefully directed to ensure that students gain both a thorough general grounding and are able to pursue their own particular interests in a wide-spanning field. The program also offers classes taught in translation for students who do not study Yiddish.

## THE GERMAN LANGUAGE PROGRAM

First- and second-year German language courses emphasize spoken and written communication, and provide a basic introduction to German culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After successfully completing the elementary German 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
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GERM UN1102	Elementary German Language Course, II
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GERM UN2101	Intermediate German I
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GERM UN2102	Intermediate German II
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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](mailto: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

Wijnne 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	Decadence, Modernism, Exile [In German]
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 TRACK IN YIDDISH STUDIES

First- and second-year Yiddish language courses emphasize spoken and written communication, and provide a basic introduction to Eastern European Jewish culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After second-year Yiddish language courses are completed, students should feel sufficiently comfortable to begin to work with Yiddish literature in the original. Upper-level undergraduate/graduate courses are designed to accommodate students with a range of Yiddish language experience, and intensive language summer study is also encouraged for improvement in language acquisition and comprehension.

The goal is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to provide them with a critical understanding of Yiddish-speaking culture and society. Students should plan their program of study with the director of undergraduate studies as early as possible.

The major track in Yiddish studies requires a minimum of 30 points, distributed as follows:

1. At least three courses of intermediate/advanced language study;
2. Two courses in Yiddish literature, at least one of which is not taught in translation;
3. One course in the senior seminar or independent study;
4. Four related courses, at least one of which is in medieval or modern Jewish history.

A senior thesis is required for the track in Yiddish studies. Students interested in a senior thesis or research project may do so through independent study with a faculty member over one or two semesters.

## CONCENTRATION IN GERMAN LITERATURE AND CULTURAL HISTORY

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	Decadence, Modernism, Exile [In German]
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 TRACK IN YIDDISH STUDIES

The concentration track in Yiddish studies requires a minimum of 24 points, distributed as follows:

1. At least three courses of beginning/intermediate language study
2. Two courses in Yiddish literature
3. Three related courses, at least one of which is in medieval or modern Jewish history

## 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	Decadence, Modernism, Exile [In German]
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 specialties 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.

### Spring 2019: CLGR GU4250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 4250	001/11597	Th 2:10pm - 4:00pm 224 Pupin Laboratories	Dorothea von Muecke	3	23/25

## 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.

### Fall 2018: CLYD UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLYD 3500	001/16957	T Th 10:10am - 11:25am 516 Hamilton Hall	Jeremy Dauber	3	21/40

## 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 2018: DTCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1101	001/26568	M W 6:10pm - 8:00pm 254 International Affairs Bldg	Wijnne de Groot	4	21/21

### 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 2019: DTCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1102	001/74604	M W 6:10pm - 8:00pm 254 International Affairs Bldg	Wijnne de Groot	4	17/22

### 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 2018: DTCH UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2101	001/69002	M W 4:10pm - 6:00pm 352c International Affairs Bldg	Wijnje de Groot	4	12/18

### **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 2019: DTCH UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2102	001/12976	M W 4:10pm - 6:00pm 352c International Affairs Bldg	Wijnje de Groot	4	13/20

### **DTCH UN3101 Advanced Dutch I. 3 points.**

#### **Fall 2018: DTCH UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3101	001/18872	T Th 1:15pm - 2:30pm 351b International Affairs Bldg	Wijnje de Groot	3	1/18

### **DTCH UN3102 Advanced Dutch II. 3 points.**

see department for details

#### **Spring 2019: DTCH UN3102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3102	001/77594	M W 1:15pm - 2:30pm 352b International Affairs Bldg	Wijnje de Groot	3	3/20

### **DTCH UN3994 Special Reading Course. 1 point.**

See department for course description

#### **Spring 2019: DTCH UN3994**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DTCH 3994	001/23295	W 9:30am - 11:00am 351c International Affairs Bldg	Wijnje de Groot	1	5/10
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## **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 2018: FINN UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1101	001/11439	T Th 4:10pm - 6:00pm 352c International Affairs Bldg	Heli Sirvioe	4	4/18

### **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 2019: FINN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1102	001/22505	T Th 4:10pm - 6:00pm 352c International Affairs Bldg	Heli Sirvioe	4	3/20

### **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 2018: FINN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 2101	001/14059	T Th 2:10pm - 4:00pm 1 Deutsches Haus	Heli Sirvioe	4	3/15

### **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 2019: FINN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 2102	001/21727	T Th 2:10pm - 4:00pm 1 Deutsches Haus	Heli Sirvioe	4	3/20

## 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 2018: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/24071	T Th F 8:40am - 9:55am 313 Hamilton Hall	Isabelle Egger	4	9/15
GERM 1101	002/76382	T Th F 10:10am - 11:25am 313 Hamilton Hall	Hazel Rhodes	4	7/15
GERM 1101	003/22373	M W F 11:40am - 12:55pm 313 Hamilton Hall	Nathaniel Wagner	4	15/15
GERM 1101	004/71505	T Th F 1:10pm - 2:25pm 315 Hamilton Hall	Christopher Hoffman	4	5/15
GERM 1101	005/04371	T Th 6:10pm - 8:00pm 302 Milbank Hall	Foteini Samartzi	4	12/15
GERM 1101	006/75150	M W 6:10pm - 8:00pm 315 Hamilton Hall	Laura Tedford	4	7/15

#### Spring 2019: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/10020	T Th F 8:40am - 9:55am 425 Pupin Laboratories	Christopher Hoffman	4	5/15
GERM 1101	002/18313	T Th F 10:10am - 11:25am 369 Grace Dodge Hall (Tc)	Laura Tedford	4	8/15
GERM 1101	003/69038	T Th 6:10pm - 8:00pm 316 Hamilton Hall	Hazel Rhodes	4	4/15
GERM 1101	004/24611	M W 6:10pm - 8:00pm 511 Hamilton Hall	Nathaniel Wagner	4	11/15

### 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 2018: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/16760	T Th F 8:40am - 9:55am 315 Hamilton Hall	Thomas Preston	4	8/15
GERM 1102	002/21153	M W F 10:10am - 11:25am 315 Hamilton Hall	Chloe Vaughn	4	8/15

GERM 1102	003/25373	T Th 6:10pm - 8:00pm 313 Hamilton Hall	Diana Reese	4	13/15
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#### Spring 2019: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/12558	T Th F 8:40am - 9:55am 404 Hamilton Hall	Isabelle Egger	4	6/15
GERM 1102	002/60615	T Th F 10:10am - 11:25am 404 Hamilton Hall	Chloe Vaughn	4	8/15
GERM 1102	003/63667	M W F 11:40am - 12:55pm 318 Hamilton Hall	Jutta Schmiess-Heller	4	11/15
GERM 1102	004/75555	M W 6:10pm - 8:00pm 522b Kent Hall	Diana Reese	4	5/15

### 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 2018: GERM UN1125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1125	001/71946	M T W Th 12:10pm - 2:00pm 316 Hamilton Hall	Silja Weber	8	6/15

### 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 2018: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	001/70892	M W F 10:10am - 11:25am 316 Hamilton Hall	Amy Leech	4	11/15
GERM 2101	002/67220	T Th F 11:40am - 12:55pm 315 Hamilton Hall	Simona Vaidean	4	13/15
GERM 2101	003/09865	T Th F 1:10pm - 2:25pm 302 Milbank Hall	Irene Motyl	4	6/15
GERM 2101	004/27342	T Th 6:10pm - 8:00pm 315 Hamilton Hall	Neil Ziolkowski	4	14/15

#### Spring 2019: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	001/21551	T Th F 11:40am - 12:55pm 254 International Affairs Bldg	Simona Vaidean	4	5/15

GERM 2101	002/71414	M W 6:10pm - 8:00pm 413 Hamilton Hall	Niklas Straetker	4	12/15
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**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 2018: GERM UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	001/66692	T Th F 1:10pm - 2:25pm 313 Hamilton Hall	Jutta Schmiers-Heller	4	12/15
GERM 2102	002/71308	T Th 6:10pm - 8:00pm 316 Hamilton Hall	Silja Weber	4	13/15

**Spring 2019: GERM UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	001/63205	M W F 10:10am - 11:25am 644 Seeley W. Mudd Building	Amy Leech	4	12/15
GERM 2102	002/68266	T Th F 11:40am - 12:55pm 327 Seeley W. Mudd Building	Neil Ziolkowski	4	6/15
GERM 2102	003/08843	M W F 1:10pm - 2:25pm 511 Hamilton Hall	Jutta Schmiers-Heller	4	6/15

**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 2019: GERM UN2125**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2125	001/60678	M T W Th 12:10pm - 2:00pm 404 Hamilton Hall	Silja Weber	8	6/15

**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 2018: GERM UN3001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3001	001/27564	T Th 11:40am - 12:55pm 313 Hamilton Hall	Jutta Schmiers-Heller	3	16/15

**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 2018: GERM UN3333**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3333	001/71940	M W 10:10am - 11:25am 303 Hamilton Hall	Dorothea von Muecke	3	11/25

**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.

**Spring 2019: GERM UN3442**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3442	001/76608	T Th 10:10am - 11:25am 313 Hamilton Hall	Oliver Simons	3	12/20

**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.

**Fall 2018: GERM UN3445**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3445	001/12172	T Th 1:10pm - 2:25pm 607 Hamilton Hall	Claudia Breger	3	10/25

**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.

**Spring 2019: GERM UN3780**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3780	001/23279	T 12:10pm - 2:00pm 707 Hamilton Hall	Claudia Breger	3	19/25

**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 2019: GERM UN3991**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3991	001/92147	T 2:10pm - 4:00pm 404 Hamilton Hall	Oliver Simons	3	3/20

**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.

**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.

**Fall 2018: GERM GU4221**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4221	001/97047	T 4:10pm - 6:00pm 511 Hamilton Hall	Claudia Breger	3	13/25

**GERM GR8121 Proseminar: Bildungsroman [In German]. 3 points.**

Proseminar for Graduate Students only.

**Fall 2018: GERM GR8121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 8121	001/22577	M 2:10pm - 4:00pm 1 Deutsches Haus	Dorothea von Muecke	3	11/15

**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 2018: SWED UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1101	001/22319	M W 10:10am - 12:00pm 1 Deutsches Haus	Nina Ernst	4	13/18

#### 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 2019: SWED UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SWED 1102	001/17925	M W 10:10am - 12:00pm 609 Hamilton Hall	Nina Ernst	4	10/18
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#### 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 2018: SWED UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 2101	001/74185	M W 12:10pm - 2:00pm 1 Deutsches Haus	Nina Ernst	3	6/18

#### 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 2019: SWED UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 2102	001/20388	M W 12:10pm - 2:00pm 1 Deutsches Haus	Nina Ernst	4	7/18

## 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 2018: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/67337	M W 10:10am - 12:00pm 616 Hamilton Hall	Agnieszka Legutko	4	8/18
YIDD 1101	002/21760	T Th 6:10pm - 8:00pm 254 International Affairs Bldg	Noa Tsaushu	4	7/18

#### Spring 2019: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/26650	M W 2:10pm - 4:00pm 313 Hamilton Hall	David Braun	4	7/18

#### 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 2018: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/18096	T Th 10:10am - 12:00pm 404 Hamilton Hall	Anruo Bao	4	2

#### Spring 2019: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/20505	M W 10:10am - 12:00pm 404 Hamilton Hall	Anruo Bao	4	6/18

#### 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!

#### 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!

#### 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.

#### Fall 2018: YIDD UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 3334	001/93442	M W 2:40pm - 3:55pm 406 Hamilton Hall	Agnieszka Legutko	3	9

#### 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.

**Fall 2018: YIDD GU4101**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
YIDD 4101	001/62274	Th 12:10pm - 2:00pm 404 Hamilton Hall	Jeremy Dauber	3	3/40

**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. Adam Tooze, 421 Fayerweather; [at3058@columbia.edu](mailto:at3058@columbia.edu)

**Undergraduate Administrator:** Kimberly Solomon;  
[kms2307@columbia.edu](mailto: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  
 Alan Brinkley  
 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  
 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 Microop  
 Richard Wortman (*emeritus*)  
 Madeleine Zelin (East Asian Languages and Cultures)

## ASSOCIATE PROFESSORS

Tarik Amar  
 Lisbeth Kim Brandt (East Asian Languages and Cultures)  
 Paul Chamberlin  
 Malgorzata Mazurek  
 Gregory Pflugfelder (East Asian Languages and Cultures)  
 Caterina Pizzigoni  
 Anupama Rao (Barnard)  
 Samuel Roberts  
 Neslihan Senocak  
 Rhiannon Stephens  
 Carl Wennerlind (Barnard)

## ASSISTANT PROFESSORS

Manan Ahmed  
 Gergely Baics  
 Charly Coleman  
 Elizabeth Esch (Barnard)  
 Hannah Farber  
 Andrew Lipman (Barnard)  
 Gulnar Kendirbai (Visiting)  
 A. Tunç Şen  
 Gray Tuttle (East Asian Languages and Cultures)  
 Emma Winter

## LECTURERS IN DISCIPLINE

Emily Jones (*2017-2018*)  
 Victoria Phillips (*2017-2018*)  
 Sophie Pitman (*2017-2018*)  
 Tillman Taape (*2017-2018*)  
 Tianna Uchacz (*2017-2018*)

## ON LEAVE

Profs. Coleman, Howell, Mazurek, Ngai, Piccato, Roberts (*2017-2018*)  
 Profs. de Grazia, Jones, Stephanson (*Fall 2017*)  
 Profs. Chauncey, Gluck, Guridy, Jackson, Khalidi, Smith (*Spring 2018*)

## 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 2018 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 2018: HIST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1010	001/70703	T Th 10:10am - 11:25am 313 Fayerweather	Richard Billows	4	68/75

### 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 2018: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/26580	M W 4:10pm - 5:25pm 329 Pupin Laboratories	Paul Kreitman	4	84/90

### Spring 2019: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/16983	M W 4:10pm - 5:25pm 310 Fayerweather	Gregory Pflugfelder	4	75/90

### 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 2018: HIST UN2112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2112	001/63154	T Th 1:10pm - 2:25pm 313 Fayerweather	Matthew Jones	4	17/75

### HIST UN2305 War in Germany 1618-2018. 4 points.

For much of modern history Germany was Europe's battlefield. Its soldiers wrote themselves into the annals of military history. But it was also a place where war was discussed, conceptualized and criticized with unparalleled vigor. Nowhere did the extreme violence of the seventeenth century and the early twentieth century leave a deeper mark than on Germany. Today, as we enter the twenty-first century, Germany is the nation that has perhaps come closest to drawing a final, concluding line under its military history. This course will chart the rise and fall of modern militarism in Germany. For those interested in military history *per se*, this course will not hold back from discussing battles, soldiers and weapons. But it will also offer an introduction to German history more generally. And through the German example we will address questions in political philosophy that haunted modern European history and continue to haunt America today. How is



state violence justified? How can it be regulated and controlled? What is its future?

**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 2018: HIST UN2432

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2432	001/14200	T Th 11:40am - 12:55pm 312 Mathematics Building	Stephanie McCurry	4	61/105

**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 19<sup>th</sup> and 20<sup>th</sup> centuries. The first half of the course will examine the factors 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 2018: HIST UN2580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2580	001/13029	T Th 11:40am - 12:55pm 602 Hamilton Hall	Lien-Hang Nguyen	4	67/75

**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*

**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 2018: HIST UN2628

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2628	001/67470	T Th 10:10am - 11:25am 417 Schermerhorn Hall	Michael Stanislawski	3	24/75

**HIST UN2660 Latin American Civilization I. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Latin American economy, society, and culture from pre-Columbian times to 1810. **Global Core Approved.**

Fall 2018: HIST UN2660

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2660	001/14386	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Caterina Pizzigoni	4	117/120

**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 2018: HIST UN2719

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2719	001/60061	T Th 8:40am - 9:55am 417 International Affairs Bldg	Rashid Khalidi	4	173/200

**HSWM UN2761 Gender and Sexuality in African History. 4 points.**

This course examines the history of gender, sexuality and ways of identifying along these lines in Africa from early times through the twentieth century. It asks how gender and sexuality have shaped key historical developments, from African kingdoms and empires to postcolonial states, from colonial conquest to movements for independence, from indigenous healing practices to biomedicine,

from slavery to the modern forms of work. It will also explore the history of different sexualities and gender identities on the continent. A key objective is to extend the historical study of gender and sexual identity in Africa beyond 'women's history' to understand gender as encompassing all people in society and their relationships, whether domestic or public.

**Fall 2018: HSWM UN2761**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSWM 2761	001/23318	T Th 10:10am - 11:25am 417 Mathematics Building	Rhiannon Stephens	4	47/60

**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 2018: HIST UN2772**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2772	001/67319	T Th 2:40pm - 3:55pm 313 Fayerweather	Gregory Mann	3	45/75

**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.

**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.

**Fall 2018: HIST UN2953**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2953	001/63004	T Th 11:40am - 12:55pm 313 Fayerweather	Paul Chamberlin	4	47/75

**HSCL UN3000 The Persian Empire . 4 points.**

This seminar studies the ancient Persian (Achaemenid) Empire which ruled the entire Middle East from the late 6<sup>th</sup> to the late 4<sup>th</sup> 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%).

**Fall 2018: HSCL UN3000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSCL 3000	001/22346	Th 4:10pm - 6:00pm 301m Fayerweather	Marc Van De Microop, John Ma	4	9/15

**HIST UN3120 Censorship and Freedom of Expression in Early Modern Europe. 4 points.**

In this course we will examine theoretical and historical developments that framed the notions of censorship and free expression in early modern Europe. In the last two decades, the role of censorship has become one of the significant elements in discussions of early modern culture. The history of printing and of the book, of the rise national-political cultures and their projections of control, religious wars and denominational schisms are some of the factors that intensified debate over the free circulation of ideas and speech. Indexes, Inquisition, Star Chamber, book burnings and beheadings have been the subjects of an ever growing body of scholarship. *Field(s): EME*

**Fall 2018: HIST UN3120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3120	001/76392	W 4:10pm - 6:00pm 302 Fayerweather	Elisheva Carlebach	4	12/14

**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 2018: HIST UN3335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3335	001/18613	M 6:10pm - 8:00pm 406 International Affairs Bldg	Kenneth Jackson	4	18/20

**AMHS UN3462 Immigrant New York. 4 points.**

**Not offered during 2018-19 academic year.**

For the past century and a half, New York City has been the first home of millions of immigrants to the United States. This course will compare immigrants' encounter with New York at the dawn of the twentieth century with contemporary issues, organizations, and debates shaping immigrant life in New York City. As a service learning course, each student will be required to work 2-4 hours/week in the Riverside Language Center or programs for immigrants run by Community Impact. *Field(s): US*

**Fall 2018: AMHS UN3462**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMHS 3462	001/21326	W 10:10am - 12:00pm 317 Hamilton Hall	Rebecca Kobrin	4	12/15

**TBD UN3504 Columbia 1968. 4 points.**

This undergraduate seminar examines the social, political, and cultural transformations of the 1960s through the lens of local history. The course is centered on the student and community protests that took place at Columbia University and in Morningside Heights in 1968. Although the protest is one of the touchstone events from the year and the decade, reliable historical treatment is still lacking. This class encourages students to examine and recraft histories of the university and the surrounding community in this period. Modeled on the recently designed "Columbia and Slavery" course, this course is a public-facing seminar designed to empower students to open up a discussion of all the issues connected with the protests, its global, national, and local context, and its aftermath. The course aims to prompt fresh answers to old questions: What were the factors that led to the protests? How did the student and community mobilization shape, and were shaped by, national and international forces? What were the local, national, and international legacies of Columbia 1968? This seminar is part of an on-going, multiyear effort to grapple with such questions and to share our findings with the Columbia community and beyond. Working independently, students will define and pursue

individual research projects. Working together, the class will create digital visualizations of these projects.

**HIST UN3593 Religion and Politics in Postwar America. 4 points.**

This course is a survey history of the role that religion has played in the major political movements and events of the United States from 1945 to the present. We will explore how the historical analysis of religion in the postwar period affects our understanding of the Cold War, the Civil Rights Movement, the Equal Rights Amendment, the War on Terror, and on legal and policy debates over immigration, education, abortion, gay marriage, and the environment, among other issues. There are no prerequisites for the course, though basic knowledge of American twentieth century history is useful.

**Fall 2018: HIST UN3593**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3593	001/77191	W 10:10am - 12:00pm 311 Fayerweather	Stephen Koeth	4	14/15

**URBS UN3545 Junior Colloquium: The Shaping of the Modern City. 4 points.**

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section. General Education Requirement: Historical Studies. Introduction to the historical process and social consequences of urban growth, from the middle of the nineteenth century to the present.

**Fall 2018: URBS UN3545**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3545	001/01098	T 4:10pm - 6:00pm 227 Milbank Hall	Mary Rocco	4	15/15
URBS 3545	002/09802	T 4:10pm - 6:00pm 406 Barnard Hall	Alexandra Freidus	4	12/15
URBS 3545	003/03273	T 4:10pm - 6:00pm 304 Hamilton Hall	Kathryn Yatrakis	4	12/15

**HIST UN3601 Jews in the Later Roman Empire, 300-600 CE. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will explore the background and examine some of the manifestations of the first Jewish cultural explosion after 70 CE. Among the topics discussed: the Late Roman state and the Jews, the rise of the synagogue, the redaction of the Palestinian Talmud and midrashim, the piyyut and the Hekhalot.

**Fall 2018: HIST UN3601**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3601	001/67647	Th 12:10pm - 2:00pm 309 Hamilton Hall	Seth Schwartz	4	9/15

**HIST UN3769 Health and Healing in African History. 4 points.**

This course charts the history of health and healing from, as far as is possible, a perspective interior to Africa. It explores changing practices and understandings of disease, etiology, healing and well-being from pre-colonial times through into the post-colonial. A major theme running throughout the course is the relationship between medicine, the body, power and social groups. This is balanced by an examination of the creative ways in which Africans have struggled to compose healthy communities, albeit with varied success, whether in the fifteenth century or the twenty-first.

**Fall 2018: HIST UN3769**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3769	001/72896	Th 12:10pm - 2:00pm 401 Hamilton Hall	Rhiannon Stephens	4	7/15

**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 2018: HIST UN3838**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/72180	M 12:10pm - 2:00pm 311 Fayerweather	Anna Danziger Halperin	4	12/12
HIST 3838	002/72644	T 10:10am - 12:00pm 302 Fayerweather	Charly Coleman	4	11/12
HIST 3838	003/14252	W 10:10am - 12:00pm 301m Fayerweather	Elizabeth Blackmar	4	12/12
HIST 3838	004/73747	Th 2:10pm - 4:00pm 302 Fayerweather	Malgorzata Mazurek	4	11/12

**HIST UN3911 Medicine and Western Civilization. 4 points.**

Priority given to majors and concentrators, seniors, and juniors, but other majors are welcome.

Prerequisites: the instructor's permission.

This seminar seeks to analyze the ways by which medicine and culture combine to shape our values and traditions. To this end, it will examine notable literary, medical, and social texts from classical antiquity to the present.

**Fall 2018: HIST UN3911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3911	001/73694	M 4:10pm - 6:00pm 311 Fayerweather	David Rothman	4	19/20

**HIST UN3972 THE GHETTO FROM VENICE TO HARLEM. 4 points.**

This course is structured to provide each of you with an in-depth look at a modern institution of oppression: the ghetto. The readings examine ghettoization across a wide geographic area. The course runs (fairly) chronologically, beginning with the

ghettoization of Jews in Medieval Europe and ending with the ghettoization of African Americans and Latinos in the twentieth century United States, but also exploring the expanding patterns of segregation in the modern urban world.

**Fall 2018: HIST UN3972**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3972	001/18441	T 2:10pm - 4:00pm 302 Fayerweather	Craig Wilder	4	16/17

**HIST GU4010 The Roman World in Late Antiquity. 4 points.**

This course explores the social history, cultural and economic history of the Roman Empire in late antiquity. This period, from 284 to 642 AD, begins with the accession of Diocletian and ends with the Islamic conquest of Egypt. The course focuses primarily on the eastern half of the Roman Empire, which presents a political unity absent from the western half of the Roman Empire and its successor states in the same period. It will explore the decline of traditional (pagan) religions and the role of Christianity in this period. The rise of monasticism; the role of Christian holy men; and the doctrinal disputes that caused internal rifts throughout the Christian world will require special attention.

The course will approach the social history of the city and the countryside through specific case studies: riots in Alexandria and peasant agency in Syria and Egypt. The course will explore the poetry, rhetoric and philosophy that comprised an important part of elite culture in this period, and also attempt to use chariot racing and the circus factions to access the culture of the masses.

Exploration of economic history will focus on an emerging gap in the field's historiography between materialists who see the period as one of rising oppression of the peasantry by a profit-driven elite on the one hand and papyrologists who see a risk-averse elite working alongside an entrepreneurial and growing middle class on the other hand. The semester will close with a study in micro-history, the Roman Egyptian village of Aphrodito, its leading families and its agricultural working classes whose lives are recorded in the documentary papyri.

**Fall 2018: HIST GU4010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4010	001/71492	W 12:10pm - 2:00pm 302 Fayerweather	Giovanni Ruffini	4	14/15

**HIST GU4214 The Era of Witness: Twentieth Century Poland in Personal Accounts. 4 points.**

**Not offered during 2018-19 academic year.**

The course explores the dramatically changing human landscape of modern Poland through personal narratives (diaries, letters, memoirs) and social documentation (autobiography contests, life-record method, and the Oyneg Shabes Archive in the Warsaw ghetto). The course serves as an introduction to key personal experiences of the Poland's twentieth century: social distress, emigration and forced dislocation, genocide, and political violence. We will reflect critically on the main categories of "the era of the witness," such as personal experience and literary



responses to it, testimony, memory and eye-witnessing. The course aims to broaden, both historically and conceptually, our understanding of the witness as an iconic figure of the twentieth-century atrocities by including the East Central European tradition of personal writing and social documentation of the interwar and postwar periods. *Field(s): MEU*

**Fall 2018: HIST GU4214**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4214	001/61496	W 4:10pm - 6:00pm 311 Fayerweather	Malgorzata Mazurek	4	9/15

**HIST GU4235 Central Asia: Imperial Legacies, New Images. 4 points.**

This course is designed to give an overview of the politics and history of the five Central Asian states, including Kazakstan, Kyrgyzstan, Uzbekistan, Turkmenistan, and Tajikistan starting from Russian imperial expansion to the present. We will examine the imperial tsarist and Soviet legacies that have profoundly reshaped the regional societies' and governments' practices and policies of Islam, gender, nation-state building, democratization, and economic development. *Field(s): ME/EA*

**Fall 2018: HIST GU4235**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4235	001/21727	W 12:10pm - 2:00pm 311 Fayerweather	Gulnar Kendirbai	4	10/15

**HIST GU4240 The Cold War in Culture, Cultures of the Cold War. 4 points.**

In this course we will read and discuss key contributions to a young and growing field, the history of culture in the Cold War, which includes the cultural history of the Cold War and the history of the cultural Cold War, closely related but analytically distinct categories.

**HIST GU4253 Ukraine in New York. 4 points.**

Ukraine in New York is a multidisciplinary exploration of the Ukrainian-American community in New York City from its beginning in the late 19th century to the present. The course focuses on the history, demographics, economics, politics, religion, education, and culture of the community, devoting particular attention to the impact thereon of the New York setting, shifting attitudes towards American politics and culture and homeland politics and culture, the tensions encountered in navigating between American, Soviet Ukraine, and independent Ukraine...

**Fall 2018: HIST GU4253**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4253	001/26863	W 2:10pm - 4:00pm 302 Fayerweather	Alexander Motyl	4	4/15

**HIST GU4285 Post-Stalinism: The Soviet Union and Its Successor Societies, 1953-2012. 4 points.**

This class focuses on the history of the Soviet Union and Russia between the death of Stalin/the end of totalitarianism and the present. It spans the turning-point date of 1991 when the Soviet

Union abolished itself and was replaced by successor states, the most important of which is Russia. Not ending Soviet history with 1991 and not beginning Russian history with it either, we will seek to understand continuities as well as change. We will also draw on a diverse set of texts (and movies), including history, political science, journalism, fiction, and memoirs, feature and documentary movies. Geographically weighted toward Russia (and not the other also important successor states), in terms of content, this class concentrates on politics and society, including, crucially, the economy. These concepts, however, will be understood broadly. To come to grips with key issues in Soviet and Russian history in the historically short period after Stalinist totalitarianism, we will have to pay close attention to not only our analytical categories, but also to the way in which the political and the social have been understood by Soviet and Russian contemporaries. The class will introduce students to crucial questions of Russia's recent past, present, and future: authoritarianism and democratization, the role of the state and that of society, reform and retrenchment, communism and capitalism, and, last but not least, the nature of authority and legitimacy.

**HIST GU4359 Dreaming of the Future in the 1820s: The Birth of Modernity. 4 points.**

The purpose of this course is to explore the mental horizon of the 1820s through the works of professional revolutionaries, artists, poets and writers, as well as via recent historical and literary studies. The period marked the intellectual origins of modernity and many of our key organizing principles - the very idea of socialism, liberalism and communism for instance - originated then. Readings connect political transformations in Europe and across the globe to a new sense of time and speed, history, technology and economics. *Field(s): MEU*

**Fall 2018: HIST GU4359**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4359	001/68533	M 2:10pm - 4:00pm 311 Fayerweather	Mark Mazower	4	16/25

**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.

**Fall 2018: HIST GU4455**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4455	001/15499	Th 4:10pm - 6:00pm 311 Fayerweather	Mae Ngai	4	13/15

**HIST GU4483 Military History and Policy. 4 points.**

This seminar features extensive reading, multiple written assignments, and a term paper, as well as a likely trip to Gettysburg. It focuses on the Civil War and on World Wars I and II. *Group(s): D Field(s): US*

**Fall 2018: HIST GU4483**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4483	001/89533	T 2:10pm - 4:00pm 301m Fayerweather	Kenneth Jackson	4	20/18

**HIST GU4573 American Radicalism. 4 points.**

This seminar examines the history of the radical left in the United States from the Revolutionary era to the present. Readings treat influential individuals, organizations, intellectual currents, and social movements on the left with an attention to their relationship to prevailing understandings of American citizenship, personal fulfillment and equality. After exploring early forms of artisans' and workingmen's radicalism, as well as the antebellum abolitionist and women's rights movement, we will focus on the development and the fate of the modern left—from the Populist, labor, anarchist, socialist, and Communist movements through the African-American freedom struggle, radical pacifism and the New Left of the 1960s, feminism, the religious left, union democracy movements and beyond. We will try to understand the aspirations and ideas, forms of organization and activism, relations to mainstream politics and state authority, successes and failures in each of these cases.

**Fall 2018: HIST GU4573**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4573	001/17796	T 12:10pm - 2:00pm 317 Hamilton Hall	Casey Blake	4	17/15

**HIST GU4684 POPULAR REVOLTS IN 19TH CENTURY BRAZIL. 4 points.**

For long scholars have been studying the rebellious movements that rattled Brazil after its Independence and during the so-called Regency period. The majority, though, devoted themselves to the understanding of the political and economical elites' whom either took the lead in such occasions or whose interests were at stake, either by joining or fighting the rebels. Thus, no particular attention was generally paid to those who actually fought those battles, the poor free (native Americans included) and freed people that amassed the majority of the country's population. Men and women that had their own demands and expectations, a population that not only took up arms, but occasionally also ended up leading the upheavals. If that is the case concerning rebellions that broke out during the First Reign and the Regency, historical accounts regarding upheavals that occurred from the 1850s on are even scarcer.

In the past decades, though, impressive new interpretations on popular revolts during the Empire have totally changed that scenario, enabling scholars in general to reappraise how the free and freed poor (either of Portuguese, African or Native American

descent) and, of course, slaves (were they born in Africa or in Brazil) experienced changes, or continuities, brought by the country's independence and the long process of State building.

In order to do so, multiple readings – whose authors address questions regarding the last decades of the 18<sup>th</sup> century or the final years of the Brazilian Empire (remembering that slavery was only abolished in 1888, roughly 18 months before the Republican coup) – shall enable students to further their knowledge regarding not only Brazilian History, but also specificities and interpretations (in time, space and social composition) of an array of different movements, were they insurrections, rebellions, seditions, riots and so on.

**Fall 2018: HIST GU4684**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4684	001/86647	Th 2:10pm - 4:00pm 802 International Affairs Bldg	Monica Duarte Dantas	4	4/15

**HIST GU4743 MANUSCRIPTS OF THE MUSLIM WORLD. 4 points.**

Prerequisites: Knowledge of a relevant research language (Arabic, Persian, or Ottoman Turkish) is required to be able to work on a particular manuscript to be chosen by the student. Students who lack the necessary skills of any of these languages but are interested in pre-modern book culture are still encouraged to contact the course instructor.

**This course studies the material, textual, and institutional characteristics of the Islamic manuscript culture from the 9<sup>th</sup> to the 19<sup>th</sup> century and before the widespread adoption of print technology. The course will be run as a seminar with discussion of primary and secondary sources drawn from library and information science, history, area studies, and art history. One important component of the course will be the hands-on practice with select examples from the rich Islamic manuscript collection of the Columbia University's Rare Book and Manuscript Library. Concerning this firsthand experience, the course aims to contribute to the *Manuscripts of the Muslim World* project, a grant-funded initiative between Columbia University, the University of Pennsylvania, and the Free Library of Philadelphia. To this end, participants of this course will be expected to contribute to the generation of descriptive metadata for manuscripts in Arabic, Persian, and Turkish from the collections of the Columbia University Libraries.**

**Fall 2018: HIST GU4743**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4743	001/96046	Th 2:10pm - 4:00pm 301m Fayerweather	Tunc Sen	4	7/15

**HSEA GU4860 Culture and Society of Choson Korea, 1392-1910. 3 points.**

Major cultural, political, social, economic and literary issues in the history of this 500-year long period. Reading and discussion

of primary texts (in translation) and major scholarly works. All readings will be in English.

**Fall 2018: HSEA GU4860**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4860	001/20826	M 2:10pm - 4:00pm 424 Pupin Laboratories	Jungwon Kim	3	17/20

**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 2018: HSEA GU4880**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/29475	T Th 10:10am - 11:25am 413 Kent Hall	Ulug Kuzuoglu	3	50/60

**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.

**Fall 2018: HSEA GU4881**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4881	001/26321	T 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Robert Hymes	3	10/20

**HIST GU4961 Crime: Practices and Representations. 4 points.**

This seminar is intended to introduce students to the study of crime from two perspectives: historical and cultural. On the one hand, the seminar will read introductory and representative texts on the history of crime, particularly in Europe and the Americas. Themes to be discussed include urbanization and cultural change on historical patterns of crime; transgression and punishment in the construction of collective identities; everyday relationship of urban populations with the law, the police, and the judiciary, and the gendered meanings of violence. Movies and literature will be used to discuss the themes, genres and explanations that characterize popular understandings of crime. These cultural products will be set in a dialogue with our historical knowledge of criminal practices.

**Fall 2018: HIST GU4961**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4961	001/93630	M 4:10pm - 8:00pm 502 Northwest Corner	Pablo Piccato	4	12/15

## SPRING 2019 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 2019: HIST UN1004**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1004	001/61494	T Th 5:40pm - 6:55pm 309 Havemeyer Hall	Marc Van De Mierop	4	217/320

**HIST UN1020 THE ROMANS AND THEIR EMPIRE, 754 BCE TO 641 CE. 4 points.**

Rome and its empire, from the beginning to late antiquity. *Field(s): ANC.* Discussion section required.

**Spring 2019: HIST UN1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1020	001/17984	M W 4:10pm - 5:25pm 313 Fayerweather	Myles McDonnell	4	42/75

**HIST UN1037 Introduction to History of Ukraine. 4 points.**

Our goal is to gain a general understanding of the history of the country, with the ability to identify its disputed and controversial topics. Often, sharply different and politically loaded viewpoints and interpretations circulate. Like other European countries, Ukraine has not existed as a national entity throughout history, but has emerged in a historical process.

We will discuss different interpretations of medieval Rus, and then survey the history of the region from the end of the sixteenth century to present, paying attention to politics, economy, social structure, ideas, ethnic groups and nationalities, and gender. The topics to be discussed include the Church Union of Brest, Cossack Wars, the autonomous Hetmanate under Russian suzerainty, Polish-Lithuanian Commonwealth, Habsburg Empire, Russian Empire, World War I, revolution and short-lived Ukrainian states 1917-21, Ukrainians in the interwar Poland and the Soviet Union, Holodomor or the Great Famine 1932-33, World War II and Holocaust in Ukraine, destalinization in Ukraine, independent Ukraine and its political upheavals, including the recent Russian attack on Ukraine.

**Spring 2019: HIST UN1037**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1037	001/27498	T Th 4:10pm - 5:25pm 101 Knox Hall	Johannes Remy	4	7/40

**HIST UN2072 Daily Life in Medieval Europe. 4 points.**

This course is designed as traveller's guide to medieval Europe. Its purpose is to provide a window to a long-lost world that provided the foundation of modern institutions and that continues to

inspire the modern collective artistic and literary imagination with its own particularities. This course will not be a conventional history course concentrating on the grand narratives in the economic, social and political domains but rather intend to explore the day-to-day lives of the inhabitants, and attempts to have a glimpse of their mindset, their emotional spectrum, their convictions, prejudices, fears and hopes. It will be at once a historical, sociological and anthropological study of one of the most inspiring ages of European civilization. Subjects to be covered will include the birth and childhood, domestic life, sex and marriage, craftsmen and artisans, agricultural work, food and diet, the religious devotion, sickness and its cures, death, after death (purgatory and the apparitions), travelling, merchants and trades, inside the nobles' castle, the Christian cosmos, and medieval technology. The lectures will be accompanied by maps, images of illuminated manuscripts and of medieval objects. Students will be required to attend a weekly discussion section to discuss the medieval texts bearing on that week's subject. The written course assignment will be a midterm, final and two short papers, one an analysis of a medieval text and a second an analysis of a modern text on the Middle Ages.

#### **HIST UN2088 The Historical Jesus and the Origin of Christianity. 4 points.**

The goal of this course will be to subject the source materials about Jesus and the very beginnings of Christianity (before about 150 CE) to a strictly historical-critical examination and analysis, to try to understand the historical underpinnings of what we can claim to know about Jesus, and how Christianity arose as a new religion from Jesus' life and teachings. In addition, since the search or quest for the "historical Jesus" has been the subject of numerous studies and books in recent times, we shall examine a selection of prominent "historical Jesus" works and theories to see how they stand up to critical scrutiny from a historical perspective.

#### **HIST UN2302 The European Catastrophe, 1914-1945. 4 points.**

This course is intended to provide an introduction to some major debates in European history in the era of the two world wars. It is not an introductory-level survey course, and students should either have taken such a survey already or be willing to read a background textbook as the course proceeds. Beginning with the condition of Europe on the eve of the First World War, it explores the causes, experience and long-term impact of the First World War on European politics, societies and individual lives. It ranges from a consideration of the transformation of European capitalism, and the challenge presented by Soviet Bolshevism to the crisis of liberal democracy and the European embrace of the authoritarian and fascist Right. At the same time, it traces the way writers, artists, film-makers and poets came to terms with their age and exposes the way that beneath the creative expressions of a literate elite, long-term changes in the composition of society – the plight of the peasantry in an era of falling commodity prices, the immiseration of the urban working class faced with mass unemployment and the Slump – enhanced international tensions and complicated diplomacy. It explores the unraveling of the post-1918 stabilisation and the undermining of the authority of

the League of Nations as Europe split into warring camps for a second time. Finally, it traces the emergence of a Nazi Europe underwritten by Germany military power and transformed by racist ideas, the collapse of this edifice and the nature of the political and ideological reconstruction that followed after 1945.

#### **Spring 2019: HIST UN2302**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2302	001/91399	T Th 11:40am - 12:55pm Ren Kraft Center	Mark Mazower	4	56/100

#### **HIST UN2360 Twentieth Century Britain: Between Democracy and Empire. 4 points.**

In this course, we will trace the history of Britain as a modern democratic, imperial, and post-colonial nation from 1900 to the present. We will focus on how events like war and revolution (both at home and abroad) altered Britain, and how broader developments in political culture, economic integration, social transformation, and cultural transmission shaped the people and practices we understand as "British." Topics to be covered include war and society; the political unions with Ireland and Scotland; the era of universal suffrage; social welfare and the role of the state; decolonization and mass migration; new social movements; and Britain's relationship with the European Union.

#### **Spring 2019: HIST UN2360**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2360	001/77200	T Th 2:40pm - 3:55pm 702 Hamilton Hall	Sarah Mass	4	21/75

#### **HIST UN2398 The Politics of Terror: The French Revolution. 4 points.**

This course examines the political culture of eighteenth-century France, from the final decades of the Bourbon monarchy to the rise of Napoleon Bonaparte. Among our primary aims will be to explore the origins of the Terror and its relationship to the Revolution as a whole. Other topics we will address include the erosion of the king's authority in the years leading up to 1789, the fall of the Bastille, the Constitutions of 1791 and 1793, civil war in the Vendée, the militarization of the Revolution, the dechristianization movement, attempts to establish a new Revolutionary calendar and civil religion, and the sweeping plans for moral regeneration led by Robespierre and his colleagues in 1793-1794.

#### **Spring 2019: HIST UN2398**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2398	001/13805	M W 4:10pm - 5:25pm 702 Hamilton Hall	Charly Coleman	4	44/75

#### **HIST UN2441 Making of the Modern American Landscape. 4 points.**

Social history of the built environment since 1870, looking at urban and rural landscapes, vernacular architecture of industry, housing, recreation, and public space. Considers government



policies, real estate investment, and public debates over land use and the natural environment.

**Spring 2019: HIST UN2441**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2441	001/11696	T Th 2:40pm - 3:55pm 413 Kent Hall	Elizabeth Blackmar	4	57/75

**HIST UN2491 U.S. Foreign Relations, 1890-1990. 4 points.**

The general object of this course is to illuminate how histories of what we think of as 'international' are structured by means of key concepts, foundational concepts which form (i) semantic fields constitutive of politics and policy as well as (ii) grounds for periodization. The seminar this year will be devoted, specifically, to a series of 'basic documents' of the early cold war, primary sources, chiefly U.S., which will be examined by means of close readings, ultimately with a view to problematize the conventional period known indeed as 'the cold war.' The design is thus unusual in that there will be only a single book, Melvyn Leffler's *Preponderance of Power*, which provides a survey of the Truman Administration and so will be a reference text for the US side, at least. The remaining materials will be available in Courseworks. (This course may not be taken concurrently with UN 2492 US Foreign Relations 1890-1990.)

**Spring 2019: HIST UN2491**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2491	001/14933	T Th 10:10am - 11:25am 310 Fayerweather	Anders Stephanson	4	45/75

**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 2019: HIST UN2540**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2540	001/67286	T Th 11:40am - 12:55pm 313 Fayerweather	Barbara Fields	4	45/75

**HIST UN2657 Medieval Jewish Cultures. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will survey some of the major historical, cultural, intellectual and social developments among Jews from the fourth century CE through the fifteenth. We will study Jewish cultures from the Christianization of the Roman Empire, the age of the Talmuds, the rise of Islam, the world of the Geniza, medieval Spain, to the early modern period. We will look at a rich variety of primary texts and images, including mosaics, poems, prayers, polemics, and personal letters. *Field(s): JEW/MED*

**Spring 2019: HIST UN2657**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2657	001/23173	M W 2:40pm - 3:55pm 301 Pupin Laboratories	Elisheva Carlebach	4	66/85

**HIST UN2701 Ottoman Empire. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

**This course will cover the seven-century long history of the Ottoman Empire, which spanned Europe, Asia, and Africa as well as the medieval, early modern, and modern period. The many levels of continuity and change will be the focus, as will issues of identities and mentalities, confessional diversity, cultural and linguistic pluralism, and imperial governance and political belonging of the empire within larger regional and global perspectives over the centuries. The course also seeks to cultivate appreciation of the human experience through the multifarious experiences culled from the Ottoman past.**

**Spring 2019: HIST UN2701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2701	001/68445	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Tunc Sen	4	40/50

**HIST UN2881 Vietnam in the World. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course examines the history of Vietnam in the World. This course explores how war – ranging from civil, imperial, global, decolonization, and superpower interventions – have shaped the course of modern Vietnamese history and its interaction with the wider world. Participation in weekly discussion sections, which will begin no later than the third week of classes, is mandatory.

**Spring 2019: HIST UN2881**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2881	001/19229	M W 11:40am - 12:55pm 633 Seeley W. Mudd Building	Lien-Hang Nguyen	4	34/60

**HIST UN3009 Cities and Slavery in the Atlantic World. 4 points.**

Although African slavery in the Americas is most often associated with rural life and agricultural production, cities were crucial sites in the history of slavery. This undergraduate seminar explores the intertwined histories of urbanization and slavery in the Atlantic world from the sixteenth to the twentieth centuries.

Readings and discussions will touch on slavery's impact on such European centers as Nantes, Liverpool, London, and Seville and on African cities but will concentrate on the "New World," eventually coming to focus on the places where slavery lasted long enough to intersect with the beginnings of urban modernity

and industrialization: Cuba and especially Brazil. We will end the semester reading and reflecting on the lasting legacies of African slavery in the cities of the Atlantic world after abolition, considering both slavery's memorialization on and erasure from the urban landscape.

#### Spring 2019: HIST UN3009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3009	001/77398	T 4:10pm - 6:00pm 302 Fayerweather	Amy Chazkel	4	12/15

#### 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.

#### Spring 2019: HIST UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3011	001/11346	W 2:10pm - 4:00pm 302 Fayerweather	Paul Chamberlin	4	14/15

#### 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 2019: HIST UN3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3012	001/89534	Th 10:10am - 12:00pm 301m Fayerweather	Rhiannon Stephens	4	3/15

#### HIST UN3018 Early American Autobiography as History: Testimony, Adventure, Confession. 4 points.

Early American history is rich with stories of self, though most of these stories' tellers would not have called themselves "autobiographers." In this undergraduate seminar, we will read all kinds of personal narratives: political memoirs, courtroom confessions, salesmen's yarns, racy songs, and religious revelations. We will immerse ourselves in the narrators' perspectives, discovering how they experienced the world, what they thought was important to tell their readers, and who they thought they really were. We will read historical scholarship in order to place these personal narratives in broader context, but we will not assume that historians know all the answers. Instead, as we read, we will pay close attention to the ways in which personal narratives continue to defy historical interpretation.

#### Spring 2019: HIST UN3018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3018	001/75798	M 2:10pm - 4:00pm 405 Kent Hall	Hannah Farber	4	7/14

#### 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 2019: HIST UN3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3030	001/62196	M 12:10pm - 2:00pm 302 Fayerweather	Jessica Lee	4	14/15

#### 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 2019: HIST UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3225	001/11035	W 12:10pm - 2:00pm 302 Fayerweather	Gulnar Kendirbai	4	13/15

#### HIST UN3357 History of the Self. 4 points.

This course is one of a series on the history of the modern self. The works of Montaigne, Pascal, Rousseau, Tocqueville, or another Enlightenment thinker are critically examined in a seminar setting.

Fall 2017 the topic is Tocqueville.

**Spring 2019: HIST UN3357**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3357	001/63080	M 12:10pm - 2:00pm 301m Fayerweather	Mark Lilla	4	13/15

**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 2019: HIST UN3429**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3429	001/72832	Th 4:10pm - 6:00pm 301m Fayerweather	Barbara Fields	4	13/15

**HIST UN3436 Stalinist Civilization. 4 points.**

This course is dedicated to understanding one of the most paradoxical and deadly periods of history – the years of Stalin's rule of the Soviet Union. Stalinism came to encompass massive losses of human life alongside unprecedented growth in education and modernization in the space of the Soviet Union. Bolshevik policies destroyed whole peoples' ways of life, but also defeated fascism. Individuals could rise high in society or be destroyed at the whim of a bureaucrat. Over the semester, we will explore this society, the people who comprised it and the dramatic changes they lived through. We will touch on major events in the political history of the Soviet Union, but its primary focus is on how people experienced life under Stalin.

**Spring 2019: HIST UN3436**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3436	001/82283	Th 12:10pm - 2:00pm 311 Fayerweather	Brandon Schechter	4	13/15

**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 2019: HIST UN3437**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/62487	T 8:30am - 11:20am 923 Rosenfield Building	David Rosner	4	6/10

**HIST UN3518 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 2019: HIST UN3518**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3518	001/64495	W 10:10am - 12:00pm 301m Fayerweather	Thai Jones	4	14/15

**HIST UN3644 Modern Jewish Intellectual History. 4 points.**

This course analyzes Jewish intellectual history from Spinoza to 1939. It tracks the radical transformation that modernity yielded in Jewish life, both in the development of new, self-consciously modern, iterations of Judaism and Jewishness and in the more elusive but equally foundational changes in "traditional" Judaisms. Questions to be addressed include: the development of the modern concept of "religion" and its effect on the Jews; the origin of the notion of "Judaism" parallel to Christianity, Islam, etc.; the rise of Jewish secularism and of secular Jewish ideologies, especially the Jewish Enlightenment (Haskalah), modern Jewish nationalism, Zionism, Jewish socialism, and Autonomism; the rise of Reform, Modern Orthodox, and Conservative Judaisms; Jewish neo-Romanticism and neo-Kantianism, and Ultra-Orthodoxy.

**Spring 2019: HIST UN3644**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3644	001/62200	T 2:10pm - 4:00pm 302 Fayerweather	Michael Stanislawski	4	17/25

**HIST UN3756 Political Animals: Humans, Animals and Nature in Modern European History. 4 points.**

This course is a discussion-base seminar set to explore human-animal relations in Modern European History, from the French revolution to the present. It seeks to provide students with methodologies to reflect on history of the politics and environment: how might we study "the state" and modern politics in general as frameworks that organize not only the

relationships between humans, but also the relationship between the human and non-human world? What can we learn about politics, modernity and historical shifts if we do not ignore the non-human factors that shape history? The course incorporates historical scholarship and primary sources, and introduces students to pivotal political moments in European history from the perspective of human-animal relations and environmental history. Students are evaluated on their participation in seminar, one short essay and a final research project on a topic of their choosing. No prerequisites.

### **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 2019: HIST UN3779**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3779	001/26541	M 2:10pm - 4:00pm 301m Fayerweather	Gregory Mann	4	15/15

### **HIST UN3839 Senior Thesis Seminar. 4 points.**

A year-long course for outstanding senior majors who want to conduct research in primary sources on a topic of their choice in any aspect of history, and to write a senior thesis possibly leading toward departmental honors. *Field(s): ALL*

#### **Spring 2019: HIST UN3839**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3839	001/15016	M 12:10pm - 2:00pm 415 Schapiro Cepser	Anna Danziger Halperin	4	10/12
HIST 3839	002/66771	T 10:10am - 12:00pm	Charly Coleman	4	9/12

511a Journalism Building

HIST 3839	003/62549	W 10:10am - 12:00pm 222 Pupin Laboratories	Elizabeth Blackmar	4	12/12
HIST 3839	004/62145	Th 2:10pm - 4:00pm 201 80 Claremont	Malgorzata Mazurek	4	11/12

### **HIST UN3866 Wars for Indochina. 4 points.**

This seminar will focus on the wars that ravaged Vietnam, Cambodia and Laos – the region often referred to as “Indochina” – in the latter half of the 20<sup>th</sup> Century. This period in Indochinese history witnessed battles for decolonization, revolutionary struggles, state and nation-building under the Cold War divide, superpower interventions, and fighting at the local, regional and global levels. Introducing students to the current debates in the field, students will become familiar with the rich historiography on this subject. In addition to weekly readings and discussions, students will write a research paper, based on a deep understanding of the secondary literature as well as a thorough analysis of primary sources.

#### **Spring 2019: HIST UN3866**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3866	001/14163	M 2:10pm - 4:00pm 311 Fayerweather	Lien-Hang Nguyen	4	8/15

### **HIST UN3928 Comparative Slavery and Abolition in the Atlantic World. 4 points.**

Prerequisites: seminar application required. SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE.

This seminar investigates the experiences of slavery and freedom among African-descended people living and laboring in the various parts of the Atlantic World. The course will trace critical aspects of these two major, interconnected historical phenomena with an eye to how specific cases either manifested or troubled broader trends across various slaveholding societies. The first half of the course addresses the history of slavery and the second half pertains to experiences in emancipation. However, since the abolition of slavery occurs at different moments in various areas of the Atlantic World, the course will adhere to a thematic rather than a chronological structure, in its examination of the multiple avenues to freedom available in various regions. Weekly units will approach major themes relevant to both slavery and emancipation, such as racial epistemologies among slaveowners/employers, labor regimes in slave and free societies, cultural innovations among slave and freed communities, gendered discourses and sexual relations within slave and free communities, and slaves' and freepeople's resistance to domination. The goal of this course is to broaden students' comprehension of the history of slavery and freedom, and to promote an understanding of the transition from slavery to freedom in the Americas as creating both continuities and ruptures in the structure and practices of the various societies concerned.



### **HIST UN3962 Technology, Work, and Capitalism: A History. 4 points.**

In recent years, public conversations about the relationship between technology and work seem to have been conducted with particular fervor: claims of revolutionary ease and freedom sit side-by-side with dystopian visions of exploitation, surveillance, and growing alienation. Will technological development lead to widespread deskilling or a new "sharing economy"? Will it enrich the few at the expense of the many or bring general prosperity? Are Uber, Etsy, and Amazon vanguards of an ideal future or harbingers of doom?

### **HIST GU4012 History of the City in Latin America. 4 points.**

This course covers the historical development of cities in Latin America. Readings examine the concentration of people in commercial and political centers from the beginnings of European colonization in the sixteenth century to the present day and will introduce contrasting approaches to the study of urban culture, politics, society, and the built environment. Central themes include the reciprocal relationships between growing urban areas and the countryside; cities as sites of imperial power and their post-colonial role in nation-building; changing power dynamics in modern Latin America, especially as they impacted the lives of cities' nonelite majority populations; the legalities and politics of urban space; the complexity and historical development of urban segregation; the rise of informal economies; and the constant tension between tradition and progress through which urban societies have formed. Reading knowledge of Spanish and/or Portuguese will be helpful but is not required. Open to both undergraduate and graduate students; graduate students will be given additional reading and writing assignments.

#### **Spring 2019: HIST GU4012**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4012	001/78496	M 4:10pm - 6:00pm 302 Fayerweather	Amy Chazkel	4	16/15

### **HIST GU4028 Postwars and Reconstructions: The U.S. Civil War in Comparative Perspective. 4 points.**

Prerequisites: NONE, but HIST 2432 recommended for undergraduates.

This course attempts to see what can be gained by working across the usual field designations of time and space to identify perseverant challenges posed in, and faced by, societies during and after civil wars. Casting a large net from the mid-nineteenth century to the 1970s it looks at the process of waging civil wars and the challenges of making peace and rebuilding in the aftermath. The course is organized chronologically and thematically. This year it focuses on four main themes: Occupations and Political Reconstructions; Reconstructing Lives; Vengeance and Justice; Memory and History. The reading list includes readings on the American Civil War, the Irish Civil War, the Spanish Civil War and the Algerian War.

#### **Spring 2019: HIST GU4028**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4028	001/61032	W 10:10am - 12:00pm 311 Fayerweather	Stephanie McCurry	4	16/15
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### **HIST GU4029 Europe's Commercial Revolution, ca 1100-1800: Economic, Social, and Cultural Change . 4 points.**

This course examines the profound changes wrought by the explosive growth of the European market economy during the late medieval and early modern centuries. Readings will be drawn both from theoretical literature examining the market and from studies documenting the practices of commercial people, the institutions that organized trade (guilds, merchant associations, law, and the nascent states of the period), and the cultural responses to commercial wealth.

#### **Spring 2019: HIST GU4029**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4029	001/13535	Th 4:10pm - 6:00pm 302 Fayerweather	Martha Howell	4	13/15

### **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.

#### **Spring 2019: HIST GU4031**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4031	001/68443	W 2:10pm - 4:00pm 311 Fayerweather	Dennis Tenen, Pamela Smith	4	17/20

**HIST GU4036 Displacement in the Middle East and Eastern Europe. 4 points.**

This course examines displacement and ethnic cleansing in the modern Middle East and Eastern Europe. Students will explore various ideologies that underpinned mass violence, starting with forced migrations of Jews and Muslims out of Imperial Russia, through the Armenian Genocide, to interwar refugee crises in the Middle East and Stalin's deportations. The course focuses on the Ottoman and Russian empires and their post-World War I successor nation-states. It examines the evolution of contemporary ideas about ethnic cleansing, refugees, humanitarianism, and population transfers.

**Spring 2019: HIST GU4036**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4036	001/11747	T 4:10pm - 6:00pm 301m Fayerweather	Vladimir Hamed-Troyansky	4	10/15

**HIST GU4037 Russian History on Trial. 4 points.**

An exploration of Russian and Soviet history through criminal trials from the early 19<sup>th</sup> Century through the end of the Soviet Union focusing on continuities throughout radically different time periods. Highlights major themes of gender, nationality, revolutionary movements, violence, ideology, and memory as they were reflected in the administration of justice.

**Spring 2019: HIST GU4037**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4037	001/84781	Th 4:10pm - 6:00pm 311 Fayerweather	Rhiannon Dowling	4	10/15

**HIST GU4038 The Black Radical Tradition in America. 4 points.**

Throughout the history of the United States, African Americans have offered alternative visions of the nation's future and alternative definitions of national progress. Not limited to reforming the worst social ills, these discourses have called for a fundamental restructuring of our political, economic, and social relations. This class examines the continuities of that radical tradition.

**Spring 2019: HIST GU4038**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4038	001/67549	T 2:10pm - 4:00pm 311 Fayerweather	Craig Wilder	4	17/20

**HIST GU4039 The Iranian Revolution. 4 points.**

This seminar examines the global contest between the last Shah of Iran, Mohammad Reza Pahlavi, and his opponents in the 1950s, 60s, and 70s, culminating in the toppling of the Pahlavi monarchy in the Iranian Revolution of 1978-79. The seminar is primarily concerned with the competition between the Shah and his opponents to embody Iranian nationalism in a global era characterized by decolonization and the Cold War. One particular focus of the seminar will be the place of America and Americans in the Iranian Revolution. As such, the seminar offers a political,

intellectual, and international history of the origins of the Iranian Revolution.

**Spring 2019: HIST GU4039**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4039	001/26032	W 2:10pm - 4:00pm 405 Kent Hall	Roham Alvandi	4	12/15

**HIST GU4041 Between the Second World War and the Cold War: Europe 1943-1950. 4 points.**

This course introduces students to some of the major themes of postwar reconstruction in Europe, between the end of World War II to the advent of the Cold War. This is a crucial turning-point in contemporary European history, yet its nature varies dramatically in different parts of Europe, while it also leads to a fundamental restructuring of the political, social and economic, and cultural relations in Europe as a whole. This period is therefore studied from a comparative as well as a transnational perspective. Students will acquire insight in the main historical events and processes, the historiographical debates on this period, relevant primary sources, and methods for studying contemporary history.

**Spring 2019: HIST GU4041**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4041	001/95897	W 10:10am - 12:00pm 109 Hardley Hall	Ido de Haan	4	9/15

**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 2019: HIST GU4223**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4223	001/18230	M 2:10pm - 4:00pm 1219 International Affairs Bldg	Richard Wortman	4	13/18

**HIST GU4231 Eastern Europe's Cold War. 4 points.**

This seminar explores the Cold War's impact on Eastern Europe (1940s-1980s) and Eastern Europe's Cold War-era engagements with the wider world. We will address the methodologies used by historians to answer questions like these: What was the Cold War? What did it mean, and for whom? We will also look at the Cold War as something more than a series of events; we will consider its value, uses, and limits as a device for framing the second half of the twentieth century.

**Spring 2019: HIST GU4231**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4231	001/83498	T 12:10pm - 2:00pm 301m Fayerweather	Elidor Mehilli	4	12/15

**HIST GU4509 Problems in International History. 4 points.**

The general object of this course is to illuminate how histories of the realm we think of as "international" are structured by means of key concepts, foundational concepts that form semantic fields of politics and policy. The seminar will chiefly be devoted empirically to some ways of think of this in the context of what is now being called the subfield of 'the U.S. in the World,' with a particular emphasis on the issue of 'empire' and its connotations. There will also be a conceptual/theoretical interlude: the work of two figures outside the conventional parameters in this regard, Carl Schmitt and Michel Foucault.

**Spring 2019: HIST GU4509**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4509	001/65549	W 4:10pm - 6:00pm 302 Fayerweather	Anders Stephanson	4	11/15

**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](https://docs.google.com/forms/d/1xaPFhQOzkl1NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form). Questions may be directed to skroberts@columbia.edu.

**Spring 2019: HIST GU4588**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/63866	T 10:10am - 12:00pm 411 Fayerweather	Samuel Roberts	4	11/15

**HIST GU4713 Orientalism and the Historiography of the Other. 4 points.**

This course will examine some of the problems inherent in Western historical writing on non-European cultures, as well as broad questions of what it means to write history across cultures. The course will touch on the relationship between knowledge and power, given that much of the knowledge we will be considering was produced at a time of the expansion of Western power over the rest of the world. By comparing some of the "others" which European historians constructed in the different non-western societies they depicted, and the ways other societies dealt with alterity and self, we may be able to derive a better sense of how the Western sense of self was constructed. *Group(s): C Field(s): ME*

**Spring 2019: HIST GU4713**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4713	001/14969	T 10:10am - 12:00pm 302 Fayerweather	Rashid Khalidi	4	15/18

**HIST GU4717 History of Feminism in Mexico. 4 points.**

Prerequisites: Ability to read historical work and sources in Spanish.

The course presents a history of feminism in Mexico. It addresses the connections of feminism with mainstream Mexican history and with similar process in other Latin American during the twentieth century. Unlike many approaches to the history of feminism, this course explores both feminist and antifeminist interventions and analyzes how advocates and opponents of feminism have exerted influence on state and institution formation, on revolutions and social movements, on policies and legislative reforms and on nationalism. The readings include historical works as well as sources such as archival materials, newspapers, photographs and pamphlets. An effort has been made to include materials in English, however some of the readings are in Spanish language, therefore it is required that the students are able to understand historical accounts and sources.

**Spring 2019: HIST GU4717**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4717 001/20998 W 2:10pm - 4:00pm Gabriela 4 9/15  
301m Fayerweather Cano

### HIST GU4801 Gender and Women in Islam: South Asia & Middle East. 4 points.

This course will examine various roles that a religion can play in shaping its believers' socio-political and religious identities on the basis of their natural/social differences i.e. sex and gender. Further, an attempt will be made to search for historical explanations through the lens of class, rural/urban economies and geo-ethnic diversities which have shaped gender relations and women's status in various Muslim countries. The main focus of the course will be on Islam and its role in the articulation of gendered identities, the construction of their socio-religious images, and historical explanation of their roles, rights and status in the regions of South Asia and Middle East since 1900. The central argument of the course is that, for historical understanding of a set of beliefs and practices regarding gender relations and women's status in any religious group, one needs to examine the historical context and socio-economic basis of that particular religion. By using the notion of gender and historical feminist discourses as tools of analysis, this course intends to understand and explain existing perceptions, misperceptions, myths and realities regarding gender relations and Muslim women's situations in the distant and immediate past. This course begins with a historical materialist explanation of the religion of Islam and examines men & women's roles, rights and responsibilities as described in the religious texts, interpretations, traditions and historical sources such as the Quran, Hadith, Sunnah and Sharia. It will further attempt to study these issues by situating them in histories of local and regional diversities (i.e. South Asia, Middle East). A historical perspective will facilitate students' understanding of male and female Muslim scholars' ventures to re/read and re/explain the Islamic texts in modern contexts of South Asia and the Middle East.

#### Spring 2019: HIST GU4801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4801	001/84030	Th 2:10pm - 4:00pm 301m Fayerweather	Tahira Khan	4	9/20

### HIST GU4925 The Body in Global Histories of Medicine. 4 points.

The body is an unstable object. It leaks, bleeds, swells, mutates. It is also historically unstable, in the way it is understood and represented by men and women, patients and practitioners, scholars and laypeople. This course explores cases of the volatile body across historical and geopolitical contexts. By comparing how different people understand and inhabit the body, you will develop new research questions to rethink what it means to study the body at all. Each week takes on different themes of practice, process, classification, ontology, technology, techniques, and theory to offer new genealogies of reading the body. While the body is not a universal entity across time and space, similarities still emerge. What role can history play in conceptualizing emerging fields of "global" studies?

#### Spring 2019: HIST GU4925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4925	001/25508	F 10:10am - 12:00pm 311 Fayerweather	Lan Li	4	12/15

## 2018-2019 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](mailto: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 2018: AFCV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFCV 1020	001/72468	M W 2:10pm - 4:00pm 253 Engineering Terrace	James Purcell	4	9/22
AFCV 1020	002/22673	T Th 8:10am - 10:00am 309 Hamilton Hall	Elleni Zeleke	4	11/22

#### Spring 2019: AFCV UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFCV 1020	001/29747	M W 10:10am - 12:00pm 415 Schapiro Cepser	James Purcell	4	12/22
AFCV 1020	002/21012	T Th 10:10am - 12:00pm 337 Seeley W. Mudd Building	Elleni Zeleke	4	16/22

### 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 2018: LACV UN1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LACV 1020	001/96248	M W 2:10pm - 4:00pm C01 80 Claremont	Paul Katz	4	16/22

**Spring 2019: LACV UN1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LACV 1020	001/72633	T Th 2:10pm - 4:00pm 834 Seeley W. Mudd Building	David Colmenares Gonzalez	4	12/22

**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 2018: ASCE UN1361**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/26580	M W 4:10pm - 5:25pm 329 Pupin Laboratories	Paul Kreitman	4	84/90

**Spring 2019: ASCE UN1361**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/16983	M W 4:10pm - 5:25pm 310 Fayerweather	Gregory Pflugfelder	4	75/90

**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 2018: HSME UN2915**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2915	001/27635	M W 11:40am - 12:55pm 337 Seeley W. Mudd Building	Mamadou Diouf	4	19/30

**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 2018: CSER UN3928**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/71657	W 4:10pm - 6:00pm 420 Hamilton Hall	Mae Ngai	4	22/22

**Spring 2019: CSER UN3928**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/18445	Th 4:10pm - 6:00pm 420 Hamilton Hall	Theodore Hughes	4	15/22

**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.

**Fall 2018: HSEA GU4725**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4725	001/25516	T 2:10pm - 4:00pm 307 Pupin Laboratories	Gray Tuttle	4	10/20

**HSEA GU4847 Modern Japan. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

**Not offered during 2018-19 academic year.**

This course explores the history of Japan between 1800 and the present, with a particular focus on the 20th century. The course draws upon a combination of primary source materials (political documents, memoirs, oral histories, journalism, fiction, film) and scholarly writings in order to gain insight into the complex and tumultuous process by which Japan became an industrialized society, a modern nation-state, and a world power.

**Spring 2019: HSEA GU4847**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4847	001/21912	W 2:10pm - 4:00pm 624 Kent Hall	Paul Kreitman	4	12/25

**HSEA GU4860 Culture and Society of Choson Korea, 1392-1910. 3 points.**

Major cultural, political, social, economic and literary issues in the history of this 500-year long period. Reading and discussion of primary texts (in translation) and major scholarly works. All readings will be in English.

**Fall 2018: HSEA GU4860**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4860	001/20826	M 2:10pm - 4:00pm 424 Pupin Laboratories	Jungwon Kim	3	17/20

**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 2018: HSEA GU4880**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/29475	T Th 10:10am - 11:25am 413 Kent Hall	Ulug Kuzuoglu	3	50/60

**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 clergies and salvationist religion; state power, clerical power, and

lay power; Neo-Confucianism as secular religion; and the modern "popular religious" synthesis.

**Fall 2018: HSEA GU4881**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4881	001/26321	T 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Robert Hymes	3	10/20

# 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 2018

### **HIST BC1062 Introduction to Later Middle Ages: 1050-1450. 4 points.**

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Social environment, political, and religious institutions, and the main intellectual currents of the Latin West studied through primary sources and modern historical writings.

#### **Fall 2018: HIST BC1062**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1062	001/01340	M W 10:10am - 11:25am 903 Altschul Hall	Joel Kaye	4	32

### **HIST BC3062 Medieval Economic Life and Thought ca 1000 to 1500. 4 points.**

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required.

Traces the development of economic enterprises and techniques in their cultural context: agricultural markets, industry, commercial partnerships, credit, large-scale banking, insurance, and merchant culture. Examines usury and just price theory, the scholastic analysis of price and value, and the recognition of the market as a self-regulating system, centuries before Adam Smith.

**Fall 2018: HIST BC3062**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3062	001/01485	T 4:10pm - 6:00pm 502 Diana Center	Joel Kaye	4	13/15

**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 2018: HIST UN2112**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2112	001/63154	T Th 1:10pm - 2:25pm 313 Fayerweather	Matthew Jones	4	17/75

**HIST UN3911 Medicine and Western Civilization. 4 points.**

Priority given to majors and concentrators, seniors, and juniors, but other majors are welcome.

Prerequisites: the instructor's permission.

This seminar seeks to analyze the ways by which medicine and culture combine to shape our values and traditions. To this end, it will examine notable literary, medical, and social texts from classical antiquity to the present.

**Fall 2018: HIST UN3911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3911	001/73694	M 4:10pm - 6:00pm 311 Fayerweather	David Rothman	4	19/20

**SPRING 2019****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 2019: HSAM UN2901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSAM 2901	001/16947	T Th 10:10am - 11:25am 309 Havemeyer Hall	Chris Wiggins,	3	75/105

Matthew Jones

**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](https://docs.google.com/forms/d/1xaPFhQOzk1NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form). Questions may be directed to [skroberts@columbia.edu](mailto:skroberts@columbia.edu).

**Spring 2019: HIST GU4588**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/63866	T 10:10am - 12:00pm 411 Fayerweather	Samuel Roberts	4	11/15

**CPLS GU4320 Marginalization in Medicine: A Practical Understanding of the Social Implications of Race. 4 points.**

There is a significant correlation between race and health in the United States. People of color and those from underserved



populations have higher mortality rates and a greater burden of chronic disease than their white counterparts. Differences in health outcomes have been attributed to biological factors as race has been naturalized. In this class we will explore the history of the idea of “race” in the context of changing biomedical knowledge formations. We will then focus on the impact that social determinants like poverty, structural violence, racism and geography have on health. Ultimately, this course will address the social implications of race on health both within the classroom and beyond. In addition to the seminar, there will also be a significant service component. Students will be expected to volunteer at a community organization for a minimum of 3 hours a week. This volunteer work will open an avenue for students to go beyond the walls of their classrooms while learning from and positively impacting their community.

#### Spring 2019: CPLS GU4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4320	001/14837	W 10:10am - 12:00pm 707 Hamilton Hall	Samuel Roberts	4	7/20

#### 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 2019: HIST UN3437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/62487	T 8:30am - 11:20am 923 Rosenfield Building	David Rosner	4	6/10

#### 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 2019: INSM UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/82246	W 2:10pm - 4:00pm HI-1 Heyman Center For Humanities	Douglas Chalmers, Rachel Chung	4	14/21

#### 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.

#### Spring 2019: HIST GU4031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4031	001/68443	W 2:10pm - 4:00pm 311 Fayerweather	Dennis Tenen, Pamela Smith	4	17/20

## OF RELATED INTEREST

#### Biological Sciences

BIOL UN3208	Introduction to Evolutionary Biology
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#### Center for the Study of Ethnicity and Race

CSEW 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 UN3911	Medicine and Western Civilization
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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](mailto:uhrp@columbia.edu) ([humanrightsed@columbia.edu](mailto:humanrightsed@columbia.edu))

**Departmental Website:** <http://humanrightscolumbia.org/education/undergraduate>

**Director of Undergraduate Studies:** Prof. Inga Winkler, 475 Riverside Drive (Interchurch Center), 308C; 646-745-8524. Office hours: Tuesday, 4pm - 6pm, 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@columbia.edu](mailto: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 enroll in the HRTS UN3996 Human Rights Thesis Seminar in the spring semester of their senior year. The 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](mailto:uhrp@columbia.edu) to set up an advising appointment.

### Grades

No course with a grade of D or lower is credited towards the major or 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](mailto: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 2018: HRTS UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3001	001/10677	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Andrew Nathan	3	150/170

### 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 2018: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/73595	W 6:10pm - 8:00pm 212d Lewisohn Hall	Belinda Cooper	3	21/22

#### Spring 2019: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/68749	W 2:10pm - 4:00pm 253 Engineering Terrace	Dinah Po Kempner	3	20/22

### 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 2018: HRTS UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/15902	W 12:10pm - 2:00pm 402 International Affairs Bldg	Peter Rosenblum	4	16/20

**Spring 2019: HRTS UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/61912	T 12:10pm - 2:00pm 412 Pupin Laboratories	Inga Winkler	4	17/20

**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>  
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 2019: HRTS UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3996	001/26340	M 6:10pm - 8:00pm 607 Hamilton Hall	Mila Rosenthal	3	10/20

**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 2018: HRTS GU4215**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4215	001/19606	Th 4:10pm - 6:00pm 402b International Affairs Bldg	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 2018: HRTS GU4230**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4230	001/76011	T 4:10pm - 6:00pm 401 Hamilton Hall	Lara Nettelfield	3	19/22

**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 2019: HRTS GU4270**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4270	001/14737	M 6:10pm - 8:00pm 616 Hamilton Hall	Ted Perlmutter	3	17/22

**HRTS GU4300 Economic and Social Rights in Policy and Practice. 3 points.**

This course will address economic and social human rights through the lens of what is happening now in the early 21st century, in light of the enormous shifts that have taken place since the modern human rights movement first emerged in the aftermath of WWII. The course will address many of the central debates about economic and social rights and then examine how those debates apply to specific rights and topics including development, health, housing, work, food and education. Throughout, the course will examine how activists and policymakers have responded to all these changes, and ask what might lie ahead for the human rights movement in addressing economic and social rights in a multilateral, globalized world.

**Fall 2018: HRTS GU4300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4300	001/62266	M 6:10pm - 8:00pm 309 Hamilton Hall	Mila Rosenthal	3	14/22

**HRTS GU4500 SOCIO-ECONOMIC RIGHTS: SELECTED ISSUES. 3 points.**

The course addresses selected issues in the protection of socio-economic rights in an international and comparative perspective. Socio-economic rights have emerged from the margins into the mainstream of human rights. The course will take this status as its starting point and examine the human rights to housing, food, water, health and sanitation in depth. We will explore conceptual issues through the lens of specific rights which will help us ground these principles and ideas in concrete cases. We will discuss developments on socioeconomic rights and examine their relevance in the United States as well as selected other countries, particularly those with progressive legislation, policies

and jurisprudence. What is the meaning and scope of the rights to housing, food, water, health and sanitation? What is the impact of discrimination and inequalities on the enjoyment of socio-economic rights? How can governments be held accountable for the realization of human rights? What machinery is there at the international level to ensure that the rights are protected, respected and fulfilled? How can this machinery be enhanced? How can judicial, quasijudicial, administrative and political mechanisms be used at the domestic level? What is the role of different actors in the context of human rights, the role of States and individuals, but also (powerful) non-State actors and civil society? How have activists and policymakers responded to challenges? And what lies ahead for the human rights movement in addressing economic and social rights in a multilateral, globalized world?

**Spring 2019: HRTS GU4500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4500	001/73529	T 8:10pm - 10:00pm 315 Hamilton Hall	Inga Winkler	3	7/22

**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 2019: HRTS GU4600**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4600	001/21682	Th 10:10am - 12:00pm 1102 International Affairs Bldg	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 2018: HRTS GU4650**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4650	001/22214	F 2:10pm - 4:00pm 402 International Affairs Bldg	Michael Bochenek, Jo Becker	3	16/22

**HRTS GU4700 Ethical Dilemmas in Healthcare: A Human Rights Approach. 3 points.**

This course examines major ethical dilemmas that emerge in the convergence between human rights and public health at the national and international levels. Using specific case studies, Attention will be given to the rationales, meaning and implementation of the right to health across borders; the theories and practices of allocation of scarce resources; the challenges of providing care for minority groups—including sexual minorities, children, and persons with disabilities; and the ethical, legal, and social implications of international health governance. This is an interactive course, with interdisciplinary scholarship and exploration of issues in historical, cultural and political contexts.

**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 2019: HRTS GU4810**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4810	001/63339	Th 6:10pm - 8:00pm 402 Hamilton Hall	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.

**Fall 2018: HRTS GU4900**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4900	001/60955	T 12:10pm - 2:00pm 402b International Affairs Bldg	Inga Winkler	4	13/22

**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 2018: HRTS GU4915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4915	001/17224	W 10:10am - 12:00pm 212d Lewisohn Hall	Noah Chasin	3	20/22

#### **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 2019: HRTS GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4930	001/66488	W 10:10am - 12:00pm 602 Lewisohn Hall	Bruce Cronin	4	17/22

#### **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 2018: HRTS GU4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4950	001/11841	T 10:10am - 12:00pm 304 Hamilton Hall	Bruce Cronin	3	14/22

#### **HRTS GU4955 Narrative and Representation in Post-Conflict Societies. 3 points.**

This course explores the relationship between narrative and the legacy of violence and atrocity in post-conflict societies, focusing particularly on the Holocaust, Cambodia, Rwanda and the former Yugoslavia (and more briefly Indonesia and Armenia). Examining a range of medium – including, but not limited to, eye-witness accounts, memoirs, history books, government reports, film, theater, memorials – we will consider how different narratives address issues of history and memory, justice and judgment. We will also discuss how narrative influences efforts to achieve reconciliation and come to terms with the past on both personal and societal levels. Does revisiting the past allow people who either suffered or inflicted terrible violence – or both – once again live together? Are there particular modes or genres of narrative that are particularly successful in terms of enabling societies to reflect on their past and respond adequately? Can justice and accountability ever be achieved? These are some of the questions we will consider as we examine the ways in which atrocities are written about, remembered, judged and interpreted.

#### **HRTS S4270D Social Media and Human Rights: Actors, Advocacy and Analytics. 3 points.** **Not offered during 2018-19 academic year.**

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.

#### **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.

### **HRTS GU4910 Children's Rights, Armed Conflict, and Peacebuilding. 3 points.**

According to the UN Secretary-General's (SG) annual report on children and armed conflict last year armed conflicts around the world led to at least 4,000 verified rights violations against children committed by government forces and over 11,500 by non-state armed groups. The violations include killing or maiming, recruitment or use of children in hostilities, sexual violence, using children as human bombs, abductions, the denial of humanitarian access, and attacks on schools and hospitals. About 50 per cent of the estimated 26 million people currently displaced by armed conflicts and violence are children.

This course examines global approaches, challenges and problems associated with providing resources, implementing laws and guidelines, and ensuring education to children before, during and after armed conflicts. Students will be asked to interrogate current approaches and literature in light of critical theories of childhood, human rights and children's rights more specifically. The course utilizes case studies that show the failures of international human rights and NGOs to address the needs of children before, during, and after conflict, as well as the problems with not taking into account children's perspectives and lived experience. The course seeks to the extent possible to incorporate children's views on conflict through a review of children's drawings, writing, and interviews. It questions the common representations about children and armed conflict that mass media, international development literature, children's literature, and film promote. The course will also explore the international norms for protecting children in emergencies which have also been strengthened considerably, by a number of UN Security Council resolutions, notably resolutions 1612 and 1820, aimed at ending the abuse of children and civilians in the context of war. What are the responsibilities of the International Community to protect and support children of war? What preventative measures can be taken to better ensure children do not fall victims to armed conflict?

Finally, the course takes a special look at education prior to, during conflict, and post-conflict, to understand how and whether the root causes of conflict-- discrimination, intolerance, economic inequality-- are addressed by educational systems.

### **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 2019: HRTS GU4880**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4880	001/75307	T 4:10pm - 6:00pm 327 Seeley W. Mudd Building	Lara Nettelfield	3	14/22

### **HRTS GU4340 Human Rights Accountability & Remedies. 3 points.**

**Not offered during 2018-19 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.

#### **Spring 2019: HRTS GU4340**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HRTS 4340 001/28197 M 4:10pm - 6:00pm Beatrice 3 6/22  
201 80 Claremont Lindstrom

## 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:** Asst. Prof. Konstantina Zanou, 513 Hamilton; 212-854-0747; [kz2269@columbia.edu](mailto:kz2269@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](mailto: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](mailto: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, Acting Chair  
Jo Ann Cavallo (*Chair, on leave 2018-19*)  
Elizabeth Leake

## ASSOCIATE PROFESSOR

Nelson Moe (Barnard)

## ASSISTANT PROFESSOR

Pier Mattia Tommasino (*on leave 2018-19*)  
Konstantina Zanou

## 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 UN1203	and Intensive Intermediate Italian
ITAL UN1121	Intensive Elementary Italian
- ITAL UN1203	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
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### 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.

Same course as ITAL V1101-V1102.

#### Fall 2018: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/13380	M T W Th 9:10am - 10:00am 509 Hamilton Hall	Anna Borgarello	4	16/16
ITAL 1101	002/23224	M T W Th 10:10am - 11:00am 507 Hamilton Hall	Claudia Antonini	4	10/16
ITAL 1101	003/62945	M T W Th 11:10am - 12:00pm 507 Hamilton Hall	Angelica Modabber	4	1/16
ITAL 1101	004/25745	M T W Th 12:10pm - 1:00pm 507 Hamilton Hall	Andrew Wyatt	4	18/18
ITAL 1101	005/68947	M T W Th 1:10pm - 2:00pm 509 Hamilton Hall	Catherine Bloomer	4	13/16
ITAL 1101	006/70248	M T W Th 9:10am - 10:00am 507 Hamilton Hall	Tylar Colletuori	4	8/16
ITAL 1101	007/72544	M W 12:10pm - 2:00pm 511 Hamilton Hall	Alessandra Saggin	4	15/20
ITAL 1101	008/18415	M W 4:10pm - 6:00pm 507 Hamilton Hall	Luca Naponiello	4	12/18

#### Spring 2019: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/64960	M T Th 10:10am - 11:25am 114 Knox Hall	Alex Cuadrado	4	15/21

ITAL 1101	002/26849	T Th F 8:40am - 9:55am 318 Hamilton Hall	Margaret Scarborough	4	10/15
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**ITAL UN1102 Elementary Italian II. 4 points.**

Limited enrollment.

Prerequisites: *ITAL V1101* or the equivalent.

Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

**Fall 2018: ITAL UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/73361	M T W Th 9:10am - 10:00am 511 Hamilton Hall	Margaret Scarborough	4	11/16
ITAL 1102	002/27804	M T Th 10:10am - 11:25am 511 Hamilton Hall	Alex Cuadrado	4	3/16

**Spring 2019: ITAL UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/75179	M T W Th 9:10am - 10:00am 509 Hamilton Hall	Anna Borgarello	4	11/16
ITAL 1102	002/61909	M T W Th 10:10am - 11:00am 511 Hamilton Hall	Claudia Antonini	4	7/16
ITAL 1102	003/71650	M W 1:10pm - 2:00pm 501 Hamilton Hall	Angelica Modabber	4	2/16
ITAL 1102	003/71650	T Th 1:10pm - 2:00pm 254 International Affairs Bldg	Angelica Modabber	4	2/16
ITAL 1102	004/15656	M T W Th 12:10pm - 1:00pm 511 Hamilton Hall	Andrew Wyatt	4	16/16
ITAL 1102	005/17834	M T W Th 1:10pm - 2:00pm 507 Hamilton Hall	Catherine Bloomer	4	13/16
ITAL 1102	006/75049	M T W Th 9:10am - 10:00am 507 Hamilton Hall	Tylar Colletuori	4	6/16
ITAL 1102	007/17337	M W 12:10pm - 2:00pm 114 Knox Hall	Carlo Arrigoni	4	12/16
ITAL 1102	008/24026	M W 4:10pm - 6:00pm 507 Hamilton Hall	Luca Naponiello	4	15/16

**ITAL UN1121 Intensive Elementary Italian. 6 points.**

Limited enrollment.

No previous knowledge of Italian required. An intensive course that covers two semesters of elementary Italian in one, and prepares students to move into Intermediate Italian. Grammar, reading, writing, and conversation. May be used to fulfill the language requirement only if followed by an additional two (2) semesters of Italian language. ITAL UN2101-UN2102, or ITAL2121 and ITAL UN3333, UN3334, UN3335, or UN3336, or similar advanced course, for a total of three(3) semesters of Italian Language.

**Fall 2018: ITAL UN1121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/14655	T Th F 12:10pm - 2:00pm 511 Hamilton Hall	Barbara Spinelli	6	8/16

**Spring 2019: ITAL UN1121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/11146	M W Th 12:10pm - 2:00pm 313 Hamilton Hall	Alessandra Saggin	6	13/16

**ITAL UN2101 Intermediate Italian I. 4 points.**

Limited enrollment.

Prerequisites: *ITAL V1102* or *W1102*, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged.

**Fall 2018: ITAL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2101	001/64244	M W Th 8:40am - 9:55am 318 Hamilton Hall	Claudia Sbuttoni	4	7/16
ITAL 2101	002/71440	M W Th 10:10am - 11:25am 501 Hamilton Hall	Felice Beneduce	4	12/16
ITAL 2101	003/19956	T Th F 11:40am - 12:55pm 616 Hamilton Hall	Marco Sartore	4	4/16
ITAL 2101	004/75781	T Th 4:10pm - 6:00pm 507 Hamilton Hall	Patrizia Palumbo	4	13/16
ITAL 2101	005/25681	M W 4:10pm - 6:00pm 509 Hamilton Hall	Lorenzo Mecozzi	4	5/16
ITAL 2101	006/20181	T Th 4:10pm - 6:00pm 509 Hamilton Hall	Isabella Livorni	4	8/16

**Spring 2019: ITAL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2101	001/63159	T Th F 10:10am - 11:25am 507 Hamilton Hall	Federica Franze	4	6/16
ITAL 2101	002/17158	M W F 1:10pm - 2:25pm 253 International Affairs Bldg	Beatrice Mazzi	4	8/16

**ITAL UN2102 Intermediate Italian II. 4 points.**

Limited enrollment.

Prerequisites: *ITAL V1201* or *W1201*, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test,

offered by the Italian Department at the beginning of each semester.

A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material.

Lab: hours to be arranged. ITAL V1202 fulfills the basic foreign language requirement and prepares students for advanced study in Italian language and literature.

#### Fall 2018: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	002/23605	T Th F 10:10am - 11:25am 509 Hamilton Hall	Federica Franze	4	10/16

#### Spring 2019: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	001/17596	M W Th 8:40am - 9:55am 511 Hamilton Hall	Claudia Sbuttoni	4	8/16
ITAL 2102	002/81647	M W Th 10:10am - 11:25am 509 Hamilton Hall	Felice Beneduce	4	8/16
ITAL 2102	003/15496	T Th F 11:40am - 12:55pm 114 Knox Hall	Marco Sartore	4	8/16
ITAL 2102	004/72501	T Th 4:10pm - 6:00pm 507 Hamilton Hall	Patrizia Palumbo	4	10/16
ITAL 2102	005/29673	M W 4:10pm - 6:00pm 509 Hamilton Hall	Lorenzo Mecozzi	4	6/16
ITAL 2102	006/75947	T Th 4:10pm - 6:00pm 509 Hamilton Hall	Isabella Livorni	4	7/16

#### ITAL UN2121 Intensive Intermediate Italian. 6 points.

Limited enrollment.

Prerequisites: *ITAL V1102* or the equivalent, with a grade of B+ or higher.

An intensive course that covers two semesters of intermediate Italian in one, and prepares students for advanced language and literature study. Grammar, reading, writing, and conversation. Exploration of literary and cultural materials. This course may be used to fulfill the language requirement if preceded by both V1101 and V1102. Students who wish to use this course for the language requirement, and previously took Intensive Elementary, are also required to take at least one of the following: ITAL V3333, V3334, V3335, or V3336, for a total of three (3) semesters of Italian Language.

#### Spring 2019: ITAL UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2121	001/27942	T Th F 12:10pm - 2:00pm 509 Hamilton Hall	Maria Luisa Gozzi	6	3/16

#### 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 2019: ITAL UN1222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1222	001/64631	T Th 4:10pm - 5:25pm 511 Hamilton Hall	Maria Luisa Gozzi	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 2019: ITAL UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1312	001/65797	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Patrizia Palumbo	2	2/15

#### 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 2018: ITAL UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3333	001/15813	M W 11:40am - 12:55pm 501 Hamilton Hall	Steven Baker	3	2/18

#### 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 2019: ITAL UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3334	001/18693	M W 11:40am - 12:55pm 424 Kent Hall	Steven Baker	3	6/18

#### 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 2018: ITAL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3335	001/61136	T Th 11:40am - 12:55pm 509 Hamilton Hall	Federica Franze	3	10/16

#### Spring 2019: ITAL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 3335	001/24981	M W 11:40am - 12:55pm 509 Hamilton Hall	Felice Beneduce	3	5/20
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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.

#### Fall 2018: ITAL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3336	001/22054	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Alessandra Saggin	3	4/16

#### Spring 2019: ITAL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3336	001/67259	T Th 11:40am - 12:55pm 507 Hamilton Hall	Federica Franze	3	9/16

#### 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.

#### 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

### **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 2018: ITAL UN3993**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	002/15171		Teodolinda Barolini	3	1/9
ITAL 3993	003/68968		Elizabeth Leake	3	0/9
ITAL 3993	005/14312		Konstantia Zanou	3	0/9

#### **Spring 2019: ITAL UN3993**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	001/82947			3	2

### **ITAL GU4019 Italian Histories, Italian Stories: Manzoni, Sciascia and Microhistory. 3 points.**

Prerequisites: The class will be in Italian. The knowledge of Italian is required. However, students who understand Italian but prefer to discuss the texts in English are very welcome.

Between 1960 and 1980 Leonardo Sciascia and Italian micro-historians reflected extensively on the relation between history

and fiction. How did they relate with nineteenth century Italian historical fiction? How did they use fiction and non-fiction as hermeneutical tools to understand the Italian past, and especially pre-modern Italy? How did Carlo Ginzburg and Leonardo Sciascia read Manzoni? And what did Sciascia find in Natalie Zemon Davis' books? Are microhistory and global history compatible? What is history from 'below'? Is it compatible with the history of the 'in-between'? We will probe these questions of large import for both literary historians and historians through an examination of Alessandro Manzoni's *Storia della Colonna Infame*, Italian historical non-fictions, such as Leonardo Sciascia's *inchieste*, Nuto Revelli's *Il disperso di Marburg* and Wu Ming's *Asce di guerra*, and the masterpieces of Italian, European and American microhistory. Also we will explore the impact of Italian Microhistory on both contemporary American historiography and Italian non-fiction. Topics include pre-modern popular culture and literacy, minority and marginality, the Inquisition, individual identity, and the relation between pre-modern Italy, Europe and the global world.

### **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.*

**ITAL GU4055 Anthropology of Contemporary Italy: Pluralism, Creativity and Identity. 3 points.**  
**Not offered during 2018-19 academic year.**

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.

**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 2018-19 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.**  
**Not offered during 2018-19 academic year.**

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*

**ITAL GU4420 The Window On the World: Reassessing Italian Neorealism. 3 points.**

**Not offered during 2018-19 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.

### 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.

## 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 2018: HNGR UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1101	001/21433	T 10:10am - 12:00pm 501 Hamilton Hall	Carol Rounds	4	3/20
HNGR 1101	001/21433	Th 10:10am - 12:00pm 518 Hamilton Hall	Carol Rounds	4	3/20

### 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 2019: HNGR UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1102	001/66542	T Th 10:10am - 12:00pm 501 Hamilton Hall	Carol Rounds	4	3/20

### 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.

### 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 2019: HNGR UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 2102	001/16087	Th 2:10pm - 4:00pm 501 Hamilton Hall	Carol Rounds	4	1/18
HNGR 2102	001/16087	T 8:30am - 10:00am 501 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 2019: HNGR UN3343**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/76395	T Th 4:10pm - 5:25pm 613 Hamilton Hall	Carol Rounds	3	6/18



# JAZZ STUDIES

**The Center for Jazz Studies:** Prentiss Hall, 4th floor (632 W. 125th Street); 212-851-9270  
<http://www.columbia.edu/cu/cjs>

## Jazz at Columbia:

<https://mpp.music.columbia.edu/louis-armstrong-jazz-performance-program>

**Director:** Prof. Robert G. O'Meally, 611 Philosophy;  
 212-851-9270; [rgo1@columbia.edu](mailto:rgo1@columbia.edu)

**Director of Jazz Performance:** Prof. Christopher Washburne,  
 619A Dodge; 212-854-9862; [cjw5@columbia.edu](mailto:cjw5@columbia.edu)

**Program Administrator:** Yulanda McKenzie, 602 Philosophy;  
 212-851-9270; [ym189@columbia.edu](mailto: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
<b>English and Comparative Literature</b>	
ENGL W4621	Harlem Renaissance
ENGL GU4612	Jazz and American Culture
<b>Music</b>	
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](mailto:ec607@columbia.edu)

**Assistant Director:** Dana Kresel, 619 Kent Hall; 212-854-4006; [drk2106@columbia.edu](mailto:drk2106@columbia.edu)

**Academic Advisor:** Prof. Yitzhak Lewis, 410 Knox Hall; 212-854-6668; [yml2108@columbia.edu](mailto:yml2108@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)  
Rina Kreitman (Middle Eastern, South Asian, and African Studies)  
Agnieszka Legutko (Germanic Languages)  
Yitzhak Lewis (Middle Eastern, South Asian, and African Studies)  
Dan Miron (Middle Eastern, South Asian, and African Studies)

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
RELI W4535	Ancient Jewish Texts

### Medieval Judaism

HIST UN2657	Medieval Jewish Cultures
HIST W3616	Jews and Christians in the Medieval World
RELI W4510	The Thought of Maimonides
RELI V3870	Inquisitions, New Christians, and Empire
RELI GU4515	Reincarnation and Technology
HIST UN3180	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
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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 of 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.

## SPRING 2019 COURSES OF INTEREST (UPDATED REGULARLY)

#### American Studies

AMST UN3931 Topics in American Studies (American Studies)

Section 8: THE HOLOCAUST IN/AND AMERICA

#### Film

JWST GU4145 Topics in Israeli Cinema (Jewish Studies)

#### Germanic Languages

YIDD UN1101 Elementary Yiddish I (Yiddish)

YIDD UN1102 Elementary Yiddish II

YIDD UN2101 Intermediate Yiddish I

YIDD UN3520 Magic and Monsters in Yiddish Literature [In English]

#### History

HIST UN2657 Medieval Jewish Cultures (History)

HIST UN3644 Modern Jewish Intellectual History

#### Journalism

J6002 (Journalism)

#### 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

JWST GU4537 Modernism, Nationalism, Revival: Readings in Modern Hebrew Literature

#### Religion

JWST UN2610 Introduction to Modern Jewish Thought

RELI UN3199 Theory

## FALL 2018 COURSES OF INTEREST

#### Comparative Literature-Russian

CLRS GU4037 The Russian American Experience

#### Germanics

YIDD UN1101 Elementary Yiddish I

YIDD UN2101 Intermediate Yiddish I

YIDD UN3333 Advanced Yiddish

CLYD UN3500 Readings In Jewish Literature: Humor In Jewish Literature [In English]

YIDD GU4101 Introduction To Yiddish Studies

#### History

HIST UN2628 History of the State of Israel, 1948-Present

HIST UN3120 Censorship and Freedom of Expression in Early Modern Europe

AMHS UN3462 Immigrant New York

HIST UN3601 Jews in the Later Roman Empire, 300-600 CE

HIST GR8132 The Jewish Book in the Early Modern World

#### 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

#### Music

MUSI UN2030 Jewish Music of New York

#### Religion

RELI UN2306 Intro to Judaism

RELI GU4218 Heidegger and the Jews

#### Sociology

SOCI UN3285 Israeli Society and the Israeli-Palestinian Conflict

SOCI G6160 Special Topics - Israeli Society

## ADDITIONAL COURSES, INCLUDING THOSE NOT CURRENTLY OFFERED

### Germanic Languages

YIDD UN2102	Intermediate Yiddish II
YIDD UN3333	Advanced Yiddish
YIDD UN3520	Magic and Monsters in Yiddish Literature [In English]
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 W3628	History of the State of Israel, 1948-Present
HIST W3630	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 V3501	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
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SOCI W3930 Immigration and Ethnicity in Israel

### Women's Studies

WMST BC3122	Contemporary American-Jewish Women Writers: 1990 to the Present
WMST GU4302	The Second Wave and Jewish Women's Artistic Responses: 1939-1990
WMST GU4310	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 is the home for several less commonly taught languages including those offered via videoconferencing through the Shared Course Initiative and those offered through the NYU-Columbia language exchange agreement.

The center also organizes noncredit language maintenance tutorials designed for professional school students who wish to maintain or enhance an existing language proficiency. Additionally, the Language Resource Center provides the Columbia community with state-of-the-art digital facilities to support collaborative language projects, faculty development, and active student-centered language learning activities.

## 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.

#### Fall 2018: AKAD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AKAD 1101	001/19151	M 11:00am - 1:45pm Room TBA	Ronald Wallenfels, Stéphane Charitos	3	1/20

### AKAD UN1102 Elementary Akkadian II. 3 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

#### Spring 2019: AKAD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AKAD 1102	001/64618	M 11:00am - 1:45pm Room TBA		3	0/12

### 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 2018: BENG UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1101	001/27629	T Th 4:10pm - 6:00pm 408 Hamilton Hall	Dwijen Bhattacharjya	4	16/20

**BENG UN1102 Elementary Bengali II. 4 points.**

Introductory courses to Bengali, a major language of northeast India and Bangladesh.

**Spring 2019: BENG UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1102	001/15081	T Th 4:10pm - 6:00pm 408 Hamilton Hall	Dwijen Bhattacharjya	4	9/20

**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 2018: BENG UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2101	001/64895	T Th 6:10pm - 8:00pm 406 Hamilton Hall	Dwijen Bhattacharjya	3	1/20

**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 2019: BENG UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2102	001/12518	T Th 6:10pm - 8:00pm 406 Hamilton Hall	Dwijen Bhattacharjya	3	2/20

**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.

**Fall 2018: CANT UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1101	001/71660	M W 4:55pm - 7:35pm Room TBA	Stephane Charitos, Fiona Hui	4	3/6
CANT 1101	002/71671	T Th 4:55pm - 7:35pm Room TBA	Stephane Charitos, Fiona Hui	4	4/6

**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 2018: CANT UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 2101	001/27745	M W 2:00pm - 4:45pm Room TBA	Stephane Charitos, Fiona Hui	4	0/20

**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 2019: CANT UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 2102	001/13500	T Th 4:55pm - 7:35pm 112 Knox Hall	Stephane Charitos, Fiona Hui	4	0/6

**FILIPINO****FILI UN1101 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 2018: FILI UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1101	001/68700	M W 11:00am - 1:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4	0/20

**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.

**Spring 2019: FILI UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1102	001/62717	T Th 11:00am - 1:45pm Room TBA		4	2/12

**FILI UN2101 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 2018: FILI UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2101	001/74741	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Luis Francia	4	0/20

**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.

**Spring 2019: FILI UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2102	001/66961	T Th 2:00pm - 4:45pm Room TBA		4	1/12

**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 2018: INDO UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1101	001/12125	M W 9:00am - 10:50am 352a International Affairs Bldg	Stephane Charitos, Retno Daru Putri	4	3/20

**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 2019: INDO UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1102	001/61655	M W 9:00am - 10:50am 352a International Affairs Bldg	Retno Daru Putri	4	3/12

**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 2018: INDO UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2101	001/60098	T Th 9:00am - 10:50am 352a International Affairs Bldg	Retno Daru Putri	4	4/20

**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 2019: INDO UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2102	001/11783	T Th 9:00am - 10:50am 352a International Affairs Bldg	Retno Daru Putri	4	2/12

#### 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 2018: INDO UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3101	001/24489	M 10:10am - 12:00pm 351c International Affairs Bldg	Stephane Charitos	3	2/20
INDO 3101	001/24489	W 8:00am - 8:50am 351c International Affairs Bldg	Stephane Charitos	3	2/20

#### 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 2019: INDO UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3102	001/27582	M 12:30pm - 1:20pm 351c International Affairs Bldg		3	2/12
INDO 3102	001/27582	W 8:00am - 8:50am 352b International Affairs Bldg		3	2/12

## 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.

#### Fall 2018: IRSH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/68871	M W 2:00pm - 3:15pm Room TBA	Hilary Sweeney, Stephane Charitos	4	2/20
IRSH 1101	002/23640	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuil	4	1/20

#### Spring 2019: IRSH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/27818	T Th 11:00am - 12:15pm Room TBA		4	0/12

#### 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.

#### Spring 2019: IRSH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1102	001/68747	M W 2:00pm - 3:15pm Room TBA		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.

#### Fall 2018: IRSH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 2101	001/70625	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuil	4	0/20

#### 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.

#### Spring 2019: IRSH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 2102	001/63876	T Th 2:00pm - 3:15pm 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.

Prerequisites: *KHMR W1101-W1102* and *KHMR W1201*, 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.

## 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.

#### Fall 2018: KREY UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 1101	001/65003	M W F 12:30pm - 1:45pm Room TBA	Stephane Charitos, Wynnne Lamour	4	3/20

#### Spring 2019: KREY UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 1101	001/26684	M W F 11:00am - 12:15pm Room TBA		4	0/12

### 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.

#### Spring 2019: KREY UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment

KREY 1102 001/17919 M W F 12:30pm - 4 3/12  
1:45pm  
Room TBA

## 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 2018: PUNJ UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1101	001/63187	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	11/20

### 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 2019: PUNJ UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1102	001/23825	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	5/20

### 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 2018: PUNJ UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2101	001/72938	T Th 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	3/20

### 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 2019: PUNJ UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2102	001/68817	T Th 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4	3/20

## 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.

#### Fall 2018: QUCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1101	001/62593	M T Th 9:30am - 10:45am Room TBA	Stephane Charitos, Odi Gonzales	4	0/20

#### Spring 2019: QUCH UN1101



Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1101	001/63780	M T Th 9:30am - 10:45am Room TBA		4	2/12

### 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.

#### Fall 2018: QUCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	001/11488	M T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Odi Gonzales	4	0/20

#### Spring 2019: QUCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	002/61146	M T Th 11:00am - 12:15pm Room TBA		4	0/12

### 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.

#### Fall 2018: QUCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 2101	001/29182	M T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Odi Gonzales	4	0/20

#### Spring 2019: QUCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 2101	001/62397	M T Th 2:10pm - 4:00pm Room TBA		4	0/12

### 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 2018: RMAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1101	001/66688	M W 2:10pm - 4:00pm 351c International Affairs Bldg	Mona Momescu	4	3/20

### RMAN UN1102 Elementary Romanian II. 4 points.

Provides students with an introduction to the basic structures of the Romanian language.

#### Spring 2019: RMAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1102	001/14366	M 10:40am - 12:25pm	Mona Momescu	4	3/20

RMAN	001/14366	351c International Affairs Bldg W 11:15am - 1:00pm	Mona Momescu	4	3/20
1102		351c International Affairs Bldg			

**RMAN W1121 Comprehensive Elementary Romanian. 4 points.**

**Not offered during 2018-19 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 2018-19 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 2018: RMAN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 2101	001/20803	T Th 6:10pm - 8:00pm 352b International Affairs Bldg	Mona Momescu	4	4/20
RMAN 2101	002/63789	T Th 12:00pm - 2:00pm Room TBA	Mona Momescu	4	0

**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 2019: RMAN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 2102	001/20599	M W 6:10pm - 8:00pm 352b International Affairs Bldg	Mona Momescu	4	7/20

**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 2018: RMAN GU4002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 4002	001/81773	M W 11:40am - 12:35pm Room TBA	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 2018: SINH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1101	001/68774	M 11:15am - 1:00pm 351b International Affairs Bldg		4	0/20
SINH 1101	001/68774	W 11:30am - 1:30pm 351b International Affairs Bldg		4	0/20

#### 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.

#### Spring 2019: SINH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1102	001/16680	F 11:00am - 1:00pm 351c International Affairs Bldg		4	1/12
SINH 1102	001/16680	T 1:15pm - 3:15pm 351c International Affairs Bldg		4	1/12

#### 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 2018: SINH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 2101	001/16451	M Th 8:30am - 10:00am Room TBA		4	0/20

#### 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.

#### Spring 2019: SINH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 2102	001/11115	M Th 8:30am - 10:00am Room TBA		4	0/12

## 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 2018: TWI UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TWI 1101	001/63100	M T W Th 12:30pm - 1:20pm Room TBA	Stephane Charitos, Hannah Essien	4	0

#### 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.

## UZBEK

### UZBK UN1101 Elementary Uzbek I. 4 points.

Not offered during 2018-19 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 2018-19 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 2018-19 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 2018-19 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 2018: YORU UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1101	001/77028	M T W Th 8:00am - 8:50am 351a International Affairs Bldg	Stephane Charitos	4	1/20

### 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.

#### Spring 2019: YORU UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1102	001/62084	M T W Th 10:10am - 11:00am Room TBA		4	0/12

### 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 2018: YORU UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 2101	001/67941	M T W Th 12:10pm - 1:00pm 351c International Affairs Bldg	Stephane Charitos	4	2/20
YORU 2101	002/27798	M T W Th 9:10am - 10:00am 352b International Affairs Bldg		4	0/20

### 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.

#### Spring 2019: YORU UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 2102	001/19428	M T W Th 9:05am - 9:55am Room TBA		4	3/12

## 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 2018: ZULU UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1101	001/72574	M T W Th 11:35am - 12:25pm Room TBA		4	0/20

**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 2019: ZULU UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1102	001/70177	M T W Th 11:35am - 12:25pm 413 Hamilton Hall		4	0/12

**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 2018: ZULU UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2101	001/27024	M T W Th 9:00am - 9:50am 351a International Affairs Bldg	Stephane Charitos	4	1/20

**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 2019: ZULU UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2102	001/21875	M T W Th 9:00am - 9:50am 351a International Affairs Bldg		4	1/12

**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 2018: ZULU UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3101	001/73069	M W 2:40pm - 3:55pm Room TBA	Stephane Charitos	3	1/20

**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 2019: ZULU UN3102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3102	001/27253	Th 1:15pm - 2:30pm 352b International Affairs Bldg		3	1/12
ZULU 3102	001/27253	T 2:30pm - 3:45pm 352c International Affairs Bldg		3	1/12

# 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. José Moya, 413 Lehman;  
[jmoya@barnard.edu](mailto:jmoya@barnard.edu)

**Senior Manager of Business & Student Affairs:** Eliza Kwon-Ahn, 827 International Affairs Building; [ek2159@columbia.edu](mailto: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 (<http://bulletin.columbia.edu/columbia-college/departments-instruction/latin-american-caribbean-studies/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](mailto:ek2159@columbia.edu).

## MAJOR IN LATIN AMERICAN AND CARIBBEAN STUDIES

The major requires a minimum of 31 points as follows:

Select five of the following six courses:

HIST UN2618	The Modern Caribbean (formerly HIST W3618)
HIST UN2660	Latin American Civilization I
HIST UN2661	Modern Latin American History (Latin American Civilization II) (Formerly HIST W3661)
LACV UN1020	Primary Texts of Latin American Civilization
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 a course on other languages at any level.

### Discipline of Choice

Select four courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least 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 six courses:

HIST UN2618	The Modern Caribbean (formerly HIST W3618)
HIST UN2660	Latin American Civilization I
HIST UN2661	Modern Latin American History (Latin American Civilization II) (Formerly HIST W3661)
LACV UN1020	Primary Texts of Latin American Civilization
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 a course on other languages at any level.

### Discipline of Choice:

Select two courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least 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
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### Anthropology

ANTH UN1008	The Rise of Civilization
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ANTH V2009	Culture through Film and Media
ANTH V3120	Historical Rituals in Latin America
ANTH UN3921	Anticolonialism

### Anthropology (Barnard)

ANTH UN1002	The Interpretation of Culture
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

### Ecology, Evolution, and Environmental Biology

EEEB GU4001	Society and Nature in the Amazon
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### History

HIST UN2660	Latin American Civilization I
HIST UN2661	Modern Latin American History (Latin American Civilization II)
HIST UN2663	Mexico From Revolution To Democracy
HIST W2673	Latin American Popular Culture (formerly HIST W3673)
HIST W2662	Slave Memory in Brazil: Public History and Audiovisual Narratives in Perspective (formerly HIST W3662)
HIST UN2618	The Modern Caribbean
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 W3999	Independent Research Seminar
LCRS GU4415	PUERTO RICO UNDER U.S. RULE (1898-2016)

### Latin American and Iberian Cultures

PORT UN2120	Comprehensive Intermediate Portuguese
PORT UN3101	Conversation about the Lusophone World

SPAN UN3300	Advanced Language through Content [in Spanish]	SPAN BC3470	Latin(o) American Art in New York City: Critical Interventions, Institutions, and Creative Lives
SPAN UN3349	Hispanic Cultures I: Islamic Spain through the Colonial Period	SPAN BC3510	Gender and Sexuality in Latin American Cultures
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)		
<b>Latin American Civilization</b>			
LACV UN1020	Primary Texts of Latin American Civilization		
<b>Music</b>			
MUSI UN2020	Salsa, Soca, and Reggae: Popular Musics of the Caribbean		
MUSI V2430	Listening and Sound in Cross-Cultural Perspective (formerly MUSI W4430)		
MUSI V3435	Music and Literature in Latin America		
<b>Political Science</b>			
POLS GU4461	Latin American Politics		
<b>Sociology</b>			
SOCI UN3324	Global Urbanism		
SOCI GU4370	Processes of Stratification and Inequality		
<b>Sociology (Barnard)</b>			
SOCI V3247	The Immigrant Experience, Old and New		
<b>Spanish and Latin American Cultures (Barnard)</b>			
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		



# LATIN AMERICAN AND IBERIAN CULTURES

**Departmental Office:** 101 Casa Hispánica, 612 W. 116th Street; 212-854-4187; 212-854-5322 (fax)  
<http://www.laic.columbia.edu/>

**Director of Undergraduate Studies:** Prof. Bruno Bosteels, 302 Casa Hispánica; 212-854-4187; [bb438@columbia.edu](mailto:bb438@columbia.edu)

**Director of Graduate Studies:** Prof. Graciela Montaldo, 307 Casa Hispánica; 212-854-4882; [gm2168@columbia.edu](mailto:gm2168@columbia.edu)

## Directors of the Spanish Language Program:

Lee B. Abraham, 402 Casa Hispánica; 212-854-3764;  
[lba2133@columbia.edu](mailto:lba2133@columbia.edu)

Angelina Craig-Flórez, 402 Casa Hispánica; 212-854-3764;  
[ac68@columbia.edu](mailto:ac68@columbia.edu)

The Department of Latin American and Iberian Cultures (LAIC) at Columbia, located in Casa Hispánica, has long enjoyed an international reputation as a center for Hispanic and Lusophone studies. The department provides linguistic preparation in Spanish, Portuguese, and Catalan, and offers a flexible program to study manifestations of the Hispanic and Lusophone worlds in all historical periods—from the medieval to the globalized present—and in a variety of cultural contexts: the Iberian Peninsula, Latin America, the former colonies of Portugal, and the United States.

Students can enter the program at any level of linguistic and cultural preparedness. The department offers a placement exam to determine the level at which students may either begin or continue study. Majors and concentrators in Hispanic studies and Portuguese studies are typically double majors who bring insights and methods from fields such as history, political science, women's studies, anthropology, economics, Latino studies, Latin American studies, etc., which 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.

## INTERSHIPS

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 has put in place a new timeline and training program for juniors, in order 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 SPAN UN3991 Senior Seminar or SPAN W3992 Senior Seminar: Modern Cities and Global Cities.
- 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  
Graciela R. Montaldo  
Gustavo Pérez-Firmat  
Jesús Rodríguez-Velasco

## ASSOCIATE PROFESSORS

Alberto Medina  
Alessandra Russo

## ASSISTANT PROFESSORS

Joaquín Barriendos  
Karen Benezra  
Seth Kimmel  
Ana Paulina Lee

## SENIOR LECTURER

Guadalupe Ruiz-Fajardo

## LECTURERS

Lee B. Abraham  
Irene Alonso-Aparicio  
José Antonio Castellanos-Pazos  
Angelina Craig-Flórez  
Ana Paula Huback  
Juan Pablo Jiménez-Caicedo  
Reyes Llopis-García  
Francisco Meizoso  
Sonia Montero  
João Nemi Neto  
Mercedes Pérez Serrano  
Diana P. Romero  
Francisco Rosales-Varo  
Perla Rozencvaig  
José Plácido Ruiz-Campillo  
Elsa Úbeda

## MAJOR IN HISPANIC STUDIES

*The requirements for this program were modified on March 2, 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 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
or SPAN UN3992	Senior Seminar: Modern Cities and Global Cities

## MAJOR IN HISPANIC STUDIES WITH SPECIALIZATION

*The requirements for this program were modified on March 2, 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 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

*The requirements for this program were modified on March 2, 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 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 2018 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 2018: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/11943	M W F 8:40am - 9:55am 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	002/23303	M W F 10:10am - 11:25am 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	003/71819	M W F 11:40am - 12:55pm 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	004/23021	M W F 2:40pm - 3:55pm 425 Pupin Laboratories	Alejandro Quintero Machler	4	10/15
SPAN 1101	005/25888	T Th F 8:40am - 9:55am 224 Pupin Laboratories	Diana Romero	4	14/15
SPAN 1101	006/11073	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Diana Romero	4	10/15
SPAN 1101	007/62354	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Reyes Llopis-Garcia	4	13/15
SPAN 1101	008/11695	T Th F 2:40pm - 3:55pm 313 Pupin Laboratories	Reyes Llopis-Garcia	4	14/15
SPAN 1101	009/18737	T Th F 4:10pm - 5:25pm	Reyes Llopis-Garcia	4	12/15



SPAN 1101	010/23451	313 Pupin Laboratories T Th F 5:40pm - 6:55pm 222 Pupin Laboratories	Ian Althouse	4	14/15
SPAN 1101	011/01317	T Th F 11:40am - 12:55pm 202 Milbank Hall	Antoni Fernandez Parera	4	14/15
SPAN 1101	012/01318	T Th F 1:10pm - 2:25pm 207 Milbank Hall	Antoni Fernandez Parera	4	13/15
SPAN 1101	013/04304	T Th F 2:40pm - 3:55pm 207 Milbank Hall	Antoni Fernandez Parera	4	8/15

**Spring 2019: SPAN UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/69908	M W F 8:40am - 9:55am 412 Pupin Laboratories	Lorena Garcia Barroso	4	12/15
SPAN 1101	002/12621	M W F 10:10am - 11:25am 412 Pupin Laboratories	Lorena Garcia Barroso	4	13/15
SPAN 1101	003/17031	M W F 11:40am - 12:55pm 412 Pupin Laboratories	Lorena Garcia Barroso	4	15/15
SPAN 1101	004/19725	T Th F 10:10am - 11:25am 101 Knox Hall	Reyes Llopis-Garcia	4	15/15
SPAN 1101	005/67205	T Th F 11:40am - 12:55pm 101 Knox Hall	Reyes Llopis-Garcia	4	12/15
SPAN 1101	006/77756	T Th F 2:40pm - 3:55pm 313 Hamilton Hall	Reyes Llopis-Garcia	4	14/15
SPAN 1101	007/77649	T Th F 4:10pm - 5:25pm 201 Casa Hispanica	Analia Lavin	4	11/15
SPAN 1101	008/23398	M W F 2:40pm - 3:55pm 104 Knox Hall	Miguel Ibanez Aristondo	4	7/15
SPAN 1101	020/06086	M W Th 8:40am - 9:55am 237 Milbank Hall	Maria Lozano	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 2018: SPAN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/26376	M W F 8:40am - 9:55am 424 Pupin Laboratories	Juan Carlos Garzon Mantilla	4	12/15
SPAN 1102	002/15071	M W F 10:10am - 11:25am 318 Hamilton Hall	Sara Garcia Fernandez	4	15/15
SPAN 1102	003/10366	M W F 11:40am - 12:55pm 609 Hamilton Hall	Adrian Espinoza Staines	4	15/15
SPAN 1102	004/69558	T Th F 8:40am - 9:55am 201 Casa Hispanica	Elvira Blanco	4	13/15
SPAN 1102	005/70446	T Th F 10:10am - 11:25am 325 Pupin Laboratories	Juan Pablo Cominguez	4	13/15
SPAN 1102	006/21704	T Th F 11:40am - 12:55pm 325 Pupin Laboratories	Juan Pablo Cominguez	4	14/15
SPAN 1102	007/21815	M W F 2:40pm - 3:55pm 313 Hamilton Hall	Adrian Espinoza Staines	4	14/15
SPAN 1102	008/25640	T Th F 4:10pm - 5:25pm 425 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	13/15
SPAN 1102	009/20631	M W F 5:40pm - 6:55pm 206 Casa Hispanica	Adrian Espinoza Staines	4	12/15
SPAN 1102	011/00615	T Th F 10:10am - 11:25am 237 Milbank Hall	Leonor Pons Coll	4	15/15

**Spring 2019: SPAN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/63280	M W F 8:40am - 9:55am C01 80 Claremont	Irene Alonso-Aparicio	4	14/15
SPAN 1102	002/67800	M W F 10:10am - 11:25am C01 80 Claremont	Irene Alonso-Aparicio	4	15/15
SPAN 1102	003/74445	M W F 11:40am - 12:55pm C01 80 Claremont	Irene Alonso-Aparicio	4	14/15
SPAN 1102	004/71472	M W F 10:10am - 11:25am 425 Pupin Laboratories	Adrian Espinoza Staines	4	15/15
SPAN 1102	005/16485	M W F 11:40am - 12:55pm 425 Pupin Laboratories	Adrian Espinoza Staines	4	13/15
SPAN 1102	006/77566	M W F 2:40pm - 3:55pm 413 Hamilton Hall	Adrian Espinoza Staines	4	13/15
SPAN 1102	007/29057	T Th F 8:40am - 9:55am 104 Knox Hall	Diana Romero	4	13/15
SPAN 1102	008/63723	T Th F 10:10am - 11:25am 104 Knox Hall	Diana Romero	4	10/15

SPAN 1102 009/63089	T Th F 10:10am - 11:25am 313 Pupin Laboratories	Francisco Rosales-Varo	4	15/15
SPAN 1102 010/16735	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Francisco Rosales-Varo	4	14/15
SPAN 1102 011/12308	T Th F 2:40pm - 3:55pm 315 Hamilton Hall	Francisco Rosales-Varo	4	14/15
SPAN 1102 012/70538	T Th F 4:10pm - 5:25pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	9/15
SPAN 1102 013/27289	T Th F 5:40pm - 6:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	6/15
SPAN 1102 020/07842	T Th F 8:40am - 9:55am 225 Milbank Hall	Antoni Fernandez Parera	4	9/15
SPAN 1102 021/02224	T Th F 10:10am - 11:25am 207 Milbank Hall	Antoni Fernandez Parera	4	15/15
SPAN 1102 022/06432	T Th F 11:40am - 12:55pm 237 Milbank Hall	Antoni Fernandez Parera	4	12/15
SPAN 1102 023/02413	T Th F 2:40pm - 3:55pm 202 Milbank Hall	Javier Perez Zapatero	4	15/15
SPAN 1102 024/03325	T Th F 4:10pm - 5:25pm 202 Milbank Hall	Javier Perez Zapatero	4	11/15

### 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.

#### Fall 2018: SPAN UN1113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113 001/14337		W 4:10pm - 6:00pm C01 Knox Hall	Analia Lavin	3	5/15

#### Spring 2019: SPAN UN1113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113 001/25689		W 4:10pm - 6:00pm 505 Casa Hispanica	Alejandro Quintero Machler	3	4/15

### 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 2018: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120 001/26293		T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Diana Romero	4	12/15

### 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 2018: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101 001/63013		M W F 8:40am - 9:55am 412 Pupin Laboratories	Lorena Garcia Barroso	4	14/15
SPAN 2101 002/61364		M W F 10:10am - 11:25am 412 Pupin Laboratories	Lorena Garcia Barroso	4	12/15
SPAN 2101 003/21001		M W F 11:40am - 12:55pm 412 Pupin Laboratories	Lorena Garcia Barroso	4	13/15
SPAN 2101 004/73856		M W F 8:40am - 9:55am 307 Pupin Laboratories	Miguel Ibanez Aristondo	4	9/15
SPAN 2101 005/61444		M W F 10:10am - 11:25am 424 Pupin Laboratories	Lee Abraham	4	13/15
SPAN 2101 006/27579		M W F 11:40am - 12:55pm 424 Pupin Laboratories	Lee Abraham	4	15/15
SPAN 2101 007/25948		M W F 2:40pm - 3:55pm 222 Pupin Laboratories	Miguel Ibanez Aristondo	4	11/15
SPAN 2101 008/17658		M W F 4:10pm - 5:25pm 222 Pupin Laboratories	Miguel Ibanez Aristondo	4	5/15

SPAN 2101 009/69568	T Th F 8:40am - 9:55am 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	11/15
SPAN 2101 010/71421	T Th F 8:40am - 9:55am 313 Pupin Laboratories	Francisco Meizoso	4	5/15
SPAN 2101 011/22076	T Th F 10:10am - 11:25am 313 Pupin Laboratories	Francisco Meizoso	4	9/15
SPAN 2101 012/60720	T Th F 11:40am - 12:55pm 825 Seeley W. Mudd Building	Francisco Meizoso	4	11/15
SPAN 2101 013/68191	T Th F 2:40pm - 3:55pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	9/15
SPAN 2101 014/74790	T Th F 4:10pm - 5:25pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	7/15
SPAN 2101 015/72988	T Th F 5:40pm - 6:55pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	4/15
SPAN 2101 016/06179	M W Th 11:40am - 12:55pm 237 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 2101 017/06409	M W Th 1:10pm - 2:25pm 237 Milbank Hall	Leonor Pons Coll	4	17/17
SPAN 2101 018/08349	T Th F 2:40pm - 3:55pm 302 Milbank Hall	Javier Perez Zapatero	4	18/18
SPAN 2101 019/02433	M W Th 2:40pm - 3:55pm 237 Milbank Hall	Leonor Pons Coll	4	17/17

**Spring 2019: SPAN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/21675	M W F 8:40am - 9:55am 206 Casa Hispanica	Juan Carlos Garzon Mantilla	4	13/15
SPAN 2101	002/61239	M W F 10:10am - 11:25am 313 Hamilton Hall	Elvira Blanco	4	13/15
SPAN 2101	003/63756	M W F 11:40am - 12:55pm 424 Pupin Laboratories	Lee Abraham	4	12/15
SPAN 2101	004/65353	M W F 2:40pm - 3:55pm 425 Pupin Laboratories	Lee Abraham	4	10/15
SPAN 2101	006/65112	M W F 4:10pm - 5:25pm 104 Knox Hall	Miguel Ibanez Aristondo	4	9/15
SPAN 2101	007/23350	M W F 5:40pm - 6:55pm 104 Knox Hall	Miguel Ibanez Aristondo	4	8/15
SPAN 2101	008/16682	T Th F 8:40am - 9:55am 222 Pupin Laboratories	Francisco Meizoso	4	6/15

SPAN 2101 009/76569	T Th F 10:10am - 11:25am 222 Pupin Laboratories	Francisco Meizoso	4	13/15
SPAN 2101 010/10703	T Th F 11:40am - 12:55pm 222 Pupin Laboratories	Francisco Meizoso	4	10/15
SPAN 2101 020/09567	M W Th 11:40am - 12:55pm 307 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 2101 021/04230	M W Th 1:10pm - 2:25pm 225 Milbank Hall	Leonor Pons Coll	4	15/15
SPAN 2101 022/00407	M W Th 2:40pm - 3:55pm 302 Milbank Hall	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 2018: SPAN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/62849	M W F 8:40am - 9:55am 253 International Affairs Bldg	Francisca Aguilo Mora	4	14/15
SPAN 2102	002/62959	M W F 10:10am - 11:25am 253 International Affairs Bldg	Francisca Aguilo Mora	4	15/15
SPAN 2102	003/62531	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Francisca Aguilo Mora	4	15/15
SPAN 2102	004/66558	M W F 8:40am - 9:55am 424 Kent Hall	Marta Ferrer	4	10/15
SPAN 2102	005/65738	M W F 10:10am - 11:25am C01 80 Claremont	Almudena Marin-Cobos	4	11/15
SPAN 2102	006/21971	T Th F 8:40am - 9:55am 255 International Affairs Bldg	Dolores Barbazan Capeans	4	14/15
SPAN 2102	007/16700	T Th F 10:10am - 11:25am 255 International Affairs Bldg	Dolores Barbazan Capeans	4	14/15
SPAN 2102	008/18492	T Th F 11:40am - 12:55pm 255 International Affairs Bldg	Dolores Barbazan Capeans	4	7/15
SPAN 2102	009/25336	T Th F 10:10am - 11:25am 253 Engineering Terrace	Angelina Craig-Florez	4	15/15
SPAN 2102	010/11674	T Th F 11:40am - 12:55pm	Angelina Craig-Florez	4	13/15

		253 Engineering Terrace				
SPAN 2102	011/10313	T Th F 2:40pm - 3:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	13/15	
SPAN 2102	012/29287	T Th F 4:10pm - 5:25pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	12/15	
SPAN 2102	013/20146	T Th F 5:40pm - 6:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	11/15	
SPAN 2102	014/04596	M W Th 10:10am - 11:25am 327 Milbank Hall	Maria Arce-Fernandez	4	15/15	
SPAN 2102	015/05504	M W Th 1:10pm - 2:25pm 325 Milbank Hall	Maria Arce-Fernandez	4	14/15	
SPAN 2102	016/08322	M W Th 11:40am - 12:55pm 325 Milbank Hall	Maria Arce-Fernandez	4	14/15	

**Spring 2019: SPAN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	
SPAN 2102	001/69779	M W F 8:40am - 9:55am 424 Kent Hall	Francisca Aguilo Mora	4	13/15	
SPAN 2102	002/70035	M W F 10:10am - 11:25am 424 Kent Hall	Francisca Aguilo Mora	4	15/15	
SPAN 2102	003/10495	M W F 8:40am - 9:55am 253 International Affairs Bldg	Dolores Barbazan Capeans	4	8/15	
SPAN 2102	004/61851	W 11:40am - 12:55pm 212a Lewisohn Hall	Almudena Marin-Cobos	4	12/15	
SPAN 2102	004/61851	M F 11:40am - 12:55pm 308a Lewisohn Hall	Almudena Marin-Cobos	4	12/15	
SPAN 2102	005/20521	M W F 10:10am - 11:25am 253 International Affairs Bldg	Dolores Barbazan Capeans	4	11/15	
SPAN 2102	006/26890	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Dolores Barbazan Capeans	4	10/15	
SPAN 2102	008/69856	M W F 2:40pm - 3:55pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	14/15	
SPAN 2102	009/15607	M W F 4:10pm - 5:25pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	5/15	
SPAN 2102	010/70702	M W 5:40pm - 6:55pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	7/15	
SPAN 2102	010/70702	F 5:40pm - 6:55pm 507 Hamilton Hall	Leyre Alejaldre Biel	4	7/15	
SPAN 2102	011/65714	T Th F 8:40am - 9:55am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	14/15	

SPAN 2102	012/27569	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	14/15	
SPAN 2102	013/74352	T Th F 10:10am - 11:25am 325 Pupin Laboratories	Angelina Craig-Florez	4	13/15	
SPAN 2102	014/60342	T Th F 11:40am - 12:55pm 325 Pupin Laboratories	Angelina Craig-Florez	4	15/15	
SPAN 2102	015/65097	T Th F 4:10pm - 5:25pm 413 Hamilton Hall	Guadalupe Ruiz-Fajardo	4	5/15	
SPAN 2102	016/73651	T Th F 5:40pm - 6:55pm 413 Hamilton Hall	Guadalupe Ruiz-Fajardo	4	3/15	
SPAN 2102	020/09111	M W Th 11:40am - 12:55pm 327 Milbank Hall	Jesus Suarez-Garcia	4	16/15	
SPAN 2102	021/06662	M W Th 1:10pm - 2:25pm 237 Milbank Hall	Jesus Suarez-Garcia	4	16/15	
SPAN 2102	022/06478	M W Th 2:40pm - 3:55pm 237 Milbank Hall	Jesus Suarez-Garcia	4	15/15	
SPAN 2102	023/06384	T Th F 11:40am - 12:55pm 207 Milbank Hall	Maria Arce-Fernandez	4	11/15	
SPAN 2102	024/06469	T Th F 2:40pm - 3:55pm 207 Milbank Hall	Maria Arce-Fernandez	4	12/15	
SPAN 2102	025/06663	T Th F 4:10pm - 5:25pm 327 Milbank Hall	Maria Arce-Fernandez	4	12/15	

**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 2018: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/22147	T Th F 8:40am - 9:55am 325 Pupin Laboratories	Juan Pablo Cominguez	4	10/15

#### 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 2018: SPAN UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2108	001/05777	M W Th 11:40am - 12:55pm 327 Milbank Hall	Jesus Suarez-Garcia	4	16/17
SPAN 2108	002/05317	M W Th 1:10pm - 2:25pm 327 Milbank Hall	Jesus Suarez-Garcia	4	16/16

#### 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 2018: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/27605	T Th F 10:10am - 11:25am 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	8/15
SPAN 2120	002/70788	T Th F 11:40am - 12:55pm 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	9/15

#### Spring 2019: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/71703	T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	9/15

#### 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/ufw>) 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 2018: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/67726	M W 10:10am - 11:25am 206 Casa Hispanica	Alberto Carpio Jimenez	3	7/15
SPAN 3300	002/19775	M W 11:40am - 12:55pm 206 Casa Hispanica	Pablo Justel Vicente	3	12/15
SPAN 3300	003/10558	M W 4:10pm - 5:25pm 325 Pupin Laboratories	Luisina Gentile	3	11/15
SPAN 3300	004/67336	T Th 10:10am - 11:25am 505 Casa Hispanica	Begona Alberdi	3	14/15
SPAN 3300	005/76750	T Th 11:40am - 12:55pm 505 Casa Hispanica	Jennifer Calles Izquierdo	3	8/15
SPAN 3300	006/16831	T Th 1:10pm - 2:25pm 222 Pupin Laboratories	Francisco Rosales-Varo	3	15/15
SPAN 3300	007/12285	T Th 2:40pm - 3:55pm 254 International Affairs Bldg	Elsa Ubeda	3	13/15
SPAN 3300	008/69799	T Th 4:10pm - 5:25pm	Felipe Becerra	3	10/15

SPAN 3300	009/08819	222 Pupin Laboratories	Maria Arce- Fernandez	3	10/15
		M W 2:40pm - 3:55pm 225 Milbank Hall			
SPAN 3300	011/04520	M W 10:10am - 11:25am 323 Milbank Hall	Jesus Suarez- Garcia	3	10/15

**Spring 2019: SPAN UN3300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/80282	M W 11:40am - 12:55pm 505 Casa Hispanica	Pablo Justel Vicente	3	12/15
SPAN 3300	002/72545	M W 1:10pm - 2:25pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	10/15
SPAN 3300	003/29910	M W 4:10pm - 5:25pm 412 Pupin Laboratories	Luisina Gentile	3	9/15
SPAN 3300	004/66757	T Th 10:10am - 11:25am 201 Casa Hispanica	Felipe Becerra	3	12/15
SPAN 3300	005/21754	T Th 11:40am - 12:55pm 206 Casa Hispanica	Begona Alberdi	3	12/15
SPAN 3300	006/67098	T Th 4:10pm - 5:25pm 505 Casa Hispanica	Jennifer Calles Izquierdo	3	12/15
SPAN 3300	020/04348	M W 10:10am - 11:25am Room TBA	Maria Lozano	3	15/15
SPAN 3300	021/01614	T Th 1:10pm - 2:25pm Room TBA	Javier Perez Zapatero	3	17/19

**SPAN W3330 Introduction to the Study of Hispanic Cultures. 3 points.**Prerequisites: *SPAN 3300*.

The course studies cultural production in the Hispanic world with a view to making students aware of its historical and constructed nature. It explores concepts such as language, history, and nation; culture (national, popular, mass, and high); the social role of literature; the work of cultural institutions; globalization and migration; and the discipline of cultural studies. The course is divided into units that address these subjects in turn, and through which students will also acquire the fundamental vocabulary for the analysis of cultural objects. The course also stresses the acquisition of rhetorical skills with which to write effectively in Spanish about the topics discussed. *This course is required for the major and the concentration in Hispanic Studies.*

**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 2018: SPAN UN3349**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/16613	M W 10:10am - 11:25am 201 Casa Hispanica	Patricia Grieve	3	13/15
SPAN 3349	002/68511	T Th 2:40pm - 3:55pm 206 Casa Hispanica	Nicole Basile	3	13/15
SPAN 3349	003/75897	T Th 10:10am - 11:25am 707 Hamilton Hall	Santiago Acosta	3	13/15
SPAN 3349	005/09462	T Th 5:40pm - 6:55pm 327 Milbank Hall	Orlando Bentancor	3	15/15

**Spring 2019: SPAN UN3349**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/00408	T Th 5:40pm - 6:55pm 202 Milbank Hall		3	15/15
SPAN 3349	002/23110	M W 1:10pm - 2:25pm 206 Casa Hispanica	Nicole Basile	3	13/15
SPAN 3349	003/70399	T Th 4:10pm - 5:25pm 424 Pupin Laboratories	Alexandra Cook	3	10/15

**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 2018: SPAN UN3350**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/75527	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez- Firmat	3	15/15

SPAN 3350 002/70931	M W 2:40pm - 3:55pm 201 Casa Hispanica	Iria Ameixeiras Cundins	3	15/15
SPAN 3350 003/10111	M W 4:10pm - 5:25pm 206 Casa Hispanica	David Colmenares Gonzalez	3	9/15
SPAN 3350 004/22963	T Th 10:10am - 11:25am 206 Casa Hispanica	Daniella Wurst	3	11/15
SPAN 3350 005/01319	T Th 10:10am - 11:25am 324 Milbank Hall	Ronald Briggs	3	3/15

**Spring 2019: SPAN UN3350**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350 001/18326		M W 11:40am - 12:55pm 206 Casa Hispanica	Iria Ameixeiras Cundins	3	13/15
SPAN 3350 002/61097		T Th 10:10am - 11:25am 206 Casa Hispanica	Santiago Acosta	3	15/15
SPAN 3350 005/04777		T Th 4:10pm - 5:25pm 225 Milbank Hall	Wadda Rios-Font	3	13/15

**SPAN W3408 Latin American and Latino Art Archives: Theory, Practice, Display. 4 points.**  
**Not offered during 2018-19 academic year.**

This undergraduate seminar is a practicum for developing interdisciplinary approaches to the use, interpretation, and exhibition of art archives, with special emphasis on the way in which archival materials and artistic documentation have been instrumental in the articulation and critique of the idea of Latin American and Latino art of the 20th and 21st centuries. The course explores three different areas: 1) archival theories (the Latino/Latin American art archive as an object of study); 2) documentary centers in and beyond the museum (the collection, organization, and digitization of art archives for researching purposes); 3) and the use of artist's papers within the exhibition (the 'artistification' of documents, and the 'archival turn' of curatorial discourses). During the course, students will analyze how archives constitute institutional and epistemic authority, how museums discriminate between artworks and art documentation, as well as how we can narrate counter-histories from and against the archive. Students will be exposed to archival materials put into storage in diverse local museums and documentary centers. An important component of this course will be the direct contact with Latino and Latin American repositories in New York. In order to achieve this aim, a series of visits to the most important local archives and museums will be scheduled, such as the Latino Art and Activism Collection (Center for the Study of Ethnicity and Race at Columbia), the Museo del Barrio, the Archives of Latino and Latin American Art at MoMA, the Bronx Museum of the Art, and the Americas Society. Finally, this course will pay special attention to the 'digital' turn of humanities, that is, to the democratization of knowledge production technologies and the configuration of new databases and online open source repositories. Thus, Latino and Latin American art archives will be described in this course not only as bridges between museums,

libraries, and universities, but also as crossroads between North and South America.

**SPAN W3409 A Reader of Early Modern Spain. 4 points.**  
**Not offered during 2018-19 academic year.**

It is impossible to separate literature from its material, social, and political conditions of production and consumption. But if the fields of literary criticism and cultural history are interwoven, how should we read and define literature? To what extent are poems or novels objects as well as texts? In addition to authors, how do readers, editors, and publishers shape a text's meaning? Focusing on early modern Spain, this class is an introduction to the study of manuscripts and early printed books. Like many specialists in the history of reading and material culture, we will use Cervantes's *Don Quijote* as a foundation, but we will also study poetry, letters, biblical commentary, and treatises on printing from the early modern period. Each of our texts will describe or thematize the acts of writing, printing, and reading. Throughout the semester we will thus toggle between "close readings" of these texts' themes, vocabulary, and imagery, on the one hand, and their histories of edition, publication, circulation, and preservation, on the other hand. In this way, we will consider what it means to be a reader of and in early modern Spain. In order to contemplate these material concerns first hand, we will visit New York area archives and museums, and each student will undertake a semester long research project using primary sources. Drawing in part on works by early modern pedagogues like Juan Luis Vives and Francisco Sánchez de las Brozas, we will discuss strategies for research, writing, and revision. We will also study works by Benito Arias Montano, Luís de Camões, Antonio de Guevara, Fernando de Herrera, Cristóbal Suárez de Figueroa, Teresa de Ávila, and Garcilaso de la Vega, as well as scholarly essays or book chapters by Roland Barthes, Roger Chartier, Hipólito Escolar, Michel Foucault, D. F. McKenzie, and others.

**SPAN W3499 Configurations of Time in Contemporary American Art and Fiction. 4 points.**  
**Not offered during 2018-19 academic year.**

Prerequisites: *SPAN W3349* or *SPAN W3350*.  
 Pragmatics is a most helpful criterion in the interpretation of many different types of texts. As a new course within our Department's curriculum this instrument of rhetoric analysis is a basic tool in the comprehension of our students' discourse in their literary, cultural, and critical papers. The main objective of this new course is twofold: 1. To provide the student with criteria for analyzing oral discourse beyond Syntax and Semantics. The Pragmatic approach proposed here interprets communication not through forms but through context and cognitive conditions; 2. To improve not only the student's linguistic and communicative competence in Spanish but also their pragmatic skills while giving them ample opportunities to use the language.

**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 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 W3695 Made in Latin America: Consumer Culture and Contemporary Narratives. 4 points.**

**Not offered during 2018-19 academic year.**

The course focuses on consumer culture in contemporary Latin America throughout literature, essays, visual texts, films and new cultural experiences as “poor tourism” and food. The course discusses the problem of peripheral countries in the globalized economy and how culture offers a place of reflection and interchange of new experience. In the frame of the new consumer culture studies, we will study works and practices where consumerism is a political issue. Students will be introduced to theoretical writing on consumerism in different contexts (Argentina, Brazil, México, Perú). This course will provide students with an accurate understanding of some of the topics of contemporary Latin American culture related to the market, aesthetics and politics including topics as elite culture vs. popular culture, practices of resistance, representation of the violence, cities as spectacles and new phenomena as “poor tourism” and landfill art. The class will be conducted in Spanish and all written assignments will also be in that language.

**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.

**SPAN UN3991 Senior Seminar. 4 points.**

Prerequisites: Seniors (major or concentrator status).

SENIOR SEMINAR SECTION 001 (Benezra): “Vanguardias y retaguardias en el siglo veinte latinoamericano”

This course proposes examining the theory and history of the avant-garde in twentieth century Latin America and the Caribbean. Through the analysis of manifestoes, essays, poetry and film, we will study how authors of diverse genres and ideologies thought about the role of art and of the artist in the transformation of society. We will pay special attention to the structure of history and experience of time that these authors posited and to the ways in which their positions accounted for the limits of capitalist development or the specificity of the Latin American experience of empire. Authors will include Mariátegui, Osvaldo and Mário de Andrade, C.L.R. James, Lezama Lima and Guitérrez Alea, among others.

**Fall 2018: SPAN UN3991**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3991	001/73002	W 10:10am - 12:00pm 505 Casa Hispanica	Karen Benezra	4	6/15

**SPAN UN3998 Supervised Individual Research (Spring). 3 points.**

**Not offered during 2018-19 academic year.**

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 2018: SPAN UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/72864		Bruno Bosteels	3	0/5
SPAN 3998	002/64066		Elsa Ubeda	3	0/5

**Spring 2019: SPAN UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3998	001/75071		Alberto Medina	3	2/5
SPAN 3998	002/89808		Wadda Rios-Font	3	1/5
SPAN 3998	003/89807		Karen Benezra	3	2/5
SPAN 3998	004/83747		Ronald Briggs	3	0/5



**SPAN UN3698 Introduction to Undergraduate Research. 4 points.**

The "Introduction to Undergraduate Research" will ensure that majors, concentrators, and other students in advance courses in the Department of Latin American and Iberian Cultures (LAIC) master the skills, techniques, and practices they will need to undertake research in Latin American and Iberian Cultures and to pursue further lines of inquiry within the humanities. Throughout this course, students will hone their academic writing skills in Spanish, Portuguese, and/or Catalan while they develop the necessary methodology to identify and approach primary sources, understand the manual and digital systems of analysis of those sources, and conduct bibliographical research toward advance scholarship. Over the course of the semester, students will propose, research, plan and write an article-length research paper on the topic of their choice, which they will have the opportunity to submit to the *LAIC Journal of Undergraduate Research*. The seminar will familiarize students with the resources and tools that will help them to pursue such a project, including Columbia's library and archival collections, other institutional libraries accessible digitally, annotation and citation apps, and word-processing programs that are ideal for large-scale writing projects. As such, the course will be largely methodological, designed to provide hands-on knowledge to students that will both orient them within the field of Latin American and Iberian Cultures and arm them with research and project-planning skills that are applicable beyond the discipline.

**SPAN G4030 Spanish Pragmatics. 4 points.**

In one sense, Pragmatics is concerned with how we use the language, why and how the speakers communicate in social interactions. The interpretation of meaning in context is probably the main field of study of this multidiscipline, considering the speaker-meaning as the central point of departure. The term Pragmatics refers to a broad perspective on different aspects of communication, including linguistics, but also cognitive psychology, cultural anthropology, philosophy, sociology and rhetoric among others. Through this course we will study chronologically and apply in specific cases of study of the Spanish language the most meaningful pragmatic theories, such as: Context, Deixis, Speech acts, Implicature, Cooperative Principle, Politeness, Relevance, Pragmatic markers, Metaphors and Cross-cultural pragmatics. Pragmatics, as we know, is a most helpful criterion in the interpretation of many different types of texts. As a course within our Department's curriculum this instrument of rhetoric analysis is a basic tool in the comprehension of our students' discourse in their literary, cultural, and critical papers. This discipline goes beyond the analysis of strictly forms or verbal utterances, hence its multidisciplinary applicability to a wide range of fields of studies in Spanish. Whichever the student's field of study might be, Pragmatics provides a valuable and accurate vocabulary that can be applied to any textual interpretation. In this course, the pragmatic perspective is a starting point to delve into the processes of communication in Spanish. After this first approach, the student will gain an insight into new aspects of the

linguistics of language use in general and the use of Spanish in particular.

**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 2018: PORT UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	002/63759	T Th F 11:40am - 12:55pm 537 Grace Dodge Hall (Tc)	Joao Nemi Neto	4	13/15

**Spring 2019: PORT UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/88950	W 10:10am - 11:25am 406 Hamilton Hall	Yudi Koike	4	5/15
PORT 1101	001/88950	M 10:10am - 11:25am 201 Casa Hispanica	Yudi Koike	4	5/15
PORT 1101	001/88950	Th 10:10am - 11:25am 505 Casa Hispanica	Yudi Koike	4	5/15

**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 2018: PORT UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/61647	M W F 4:10pm - 5:25pm 412 Pupin Laboratories	Jose Castellanos-Pazos	4	2/15

**Spring 2019: PORT UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/12925	T Th F 11:40am - 12:55pm 316 Hamilton Hall	Joao Nemi Neto	4	10/15

**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 2018: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/64824	T Th 10:10am - 12:00pm 424 Pupin Laboratories	Jose Castellanos-Pazos	4	10/15
PORT 1320	002/10527	M W 12:10pm - 2:00pm 224 Pupin Laboratories	Jose Castellanos-Pazos	4	14/15

#### Spring 2019: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/16920	M W 10:10am - 12:00pm 116 Knox Hall	Jose Castellanos-Pazos	4	7/15
PORT 1320	002/21770	T Th 10:10am - 12:00pm 253 International Affairs Bldg	Jose Castellanos-Pazos	4	13/15

### 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 2018: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/10801	T Th F 10:10am - 11:25am 201 Casa Hispanica	Yudi Koike	4	4/15

#### Spring 2019: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/66754	M W F 10:10am - 11:25am 413 Hamilton Hall	Deneb Kozikoski Valereto	4	3/15

### 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 2018: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PORT 2120	001/18625	T Th F 2:40pm - 3:55pm 424 Pupin Laboratories	Joao Nemi Neto	4	7/15
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#### Spring 2019: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/74498	T Th F 2:40pm - 3:55pm 411 Hamilton Hall	Joao Nemi Neto	4	8/15

### 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.

#### Fall 2018: PORT UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3101	001/74000	M W 2:40pm - 3:55pm 206 Casa Hispanica	Daniel Da Silva	3	11/15

### 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 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.

#### **Fall 2018: PORT UN3490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/27845	T Th 4:10pm - 5:25pm 206 Casa Hispanica	Alexandra Cook	3	15/15

#### **Spring 2019: PORT UN3490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/23914	M W 4:10pm - 5:25pm 201a Philosophy Hall	Daniel Da Silva	3	9/15

## **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 2018: CATL UN1120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/62983	T Th 12:10pm - 2:00pm 254 International Affairs Bldg	Elsa Ubeda	4	6/15

#### **Spring 2019: CATL UN1120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/76882	T Th 12:10pm - 2:00pm 253 International Affairs Bldg	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.

#### **Fall 2018: CATL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/17202	T Th 8:10am - 10:00am	Elsa Ubeda	4	2/15

254 International  
Affairs Bldg

#### **Spring 2019: CATL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/61828	T Th 10:10am - 12:00pm 255 International Affairs Bldg	Elsa Ubeda	4	6/15

### **CATL UN2102 Intermediate Catalan II. 4 points.**

Prerequisites: CATL UN2101 or equivalent

Catalan 1202 is the second part of Columbia University's intermediate Catalan sequence. Course goals are to enhance student exposure to various aspects of Catalan culture and to consolidate and expand reading, writing, speaking, and listening skills.

#### **Spring 2019: CATL UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/74326	T Th 8:10am - 10:00am 255 International Affairs Bldg	Elsa Ubeda	4	3/15

### **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.

## **OF RELATED INTEREST**

### **Art History and Archaeology**

AHIS G4085 Andean Art and Architecture

### **American Studies**

AMST UN3920 American Studies Senior Project Colloquium

AMST UN3931 Topics in American Studies

### **Anthropology**

ANTH UN3983 Ideas and Society in the Caribbean

### **Center for the Study of Ethnicity and Race**

CSER UN1601 Introduction to Latino/a Studies

### **Institute for Comparative Literature and Society**

CPLS UN3900 Introduction to Comparative Literature and Society

### **Political Science**

POLS W3245 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 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 2018: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/11943	M W F 8:40am - 9:55am 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	002/23303	M W F 10:10am - 11:25am 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	003/71819	M W F 11:40am - 12:55pm 222 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1101	004/23021	M W F 2:40pm - 3:55pm 425 Pupin Laboratories	Alejandro Quintero Machler	4	10/15
SPAN 1101	005/25888	T Th F 8:40am - 9:55am 224 Pupin Laboratories	Diana Romero	4	14/15
SPAN 1101	006/11073	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Diana Romero	4	10/15
SPAN 1101	007/62354	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Reyes Llopis-Garcia	4	13/15
SPAN 1101	008/11695	T Th F 2:40pm - 3:55pm 313 Pupin Laboratories	Reyes Llopis-Garcia	4	14/15
SPAN 1101	009/18737	T Th F 4:10pm - 5:25pm 313 Pupin Laboratories	Reyes Llopis-Garcia	4	12/15
SPAN 1101	010/23451	T Th F 5:40pm - 6:55pm 222 Pupin Laboratories	Ian Althouse	4	14/15
SPAN 1101	011/01317	T Th F 11:40am - 12:55pm 202 Milbank Hall	Antoni Fernandez Parera	4	14/15

SPAN 1101	012/01318	T Th F 1:10pm - 2:25pm 207 Milbank Hall	Antoni Fernandez Parera	4	13/15
SPAN 1101	013/04304	T Th F 2:40pm - 3:55pm 207 Milbank Hall	Antoni Fernandez Parera	4	8/15

#### Spring 2019: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/69908	M W F 8:40am - 9:55am 412 Pupin Laboratories	Lorena Garcia Barroso	4	12/15
SPAN 1101	002/12621	M W F 10:10am - 11:25am 412 Pupin Laboratories	Lorena Garcia Barroso	4	13/15
SPAN 1101	003/17031	M W F 11:40am - 12:55pm 412 Pupin Laboratories	Lorena Garcia Barroso	4	15/15
SPAN 1101	004/19725	T Th F 10:10am - 11:25am 101 Knox Hall	Reyes Llopis-Garcia	4	15/15
SPAN 1101	005/67205	T Th F 11:40am - 12:55pm 101 Knox Hall	Reyes Llopis-Garcia	4	12/15
SPAN 1101	006/77756	T Th F 2:40pm - 3:55pm 313 Hamilton Hall	Reyes Llopis-Garcia	4	14/15
SPAN 1101	007/77649	T Th F 4:10pm - 5:25pm 201 Casa Hispanica	Analia Lavin	4	11/15
SPAN 1101	008/23398	M W F 2:40pm - 3:55pm 104 Knox Hall	Miguel Ibanez Aristondo	4	7/15
SPAN 1101	020/06086	M W Th 8:40am - 9:55am 237 Milbank Hall	Maria Lozano	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 2018: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/26376	M W F 8:40am - 9:55am 424 Pupin Laboratories	Juan Carlos Garzon Mantilla	4	12/15
SPAN 1102	002/15071	M W F 10:10am - 11:25am 318 Hamilton Hall	Sara Garcia Fernandez	4	15/15



SPAN 1102 003/10366	M W F 11:40am - 12:55pm 609 Hamilton Hall	Adrian Espinoza Staines	4	15/15
SPAN 1102 004/69558	T Th F 8:40am - 9:55am 201 Casa Hispanica	Elvira Blanco	4	13/15
SPAN 1102 005/70446	T Th F 10:10am - 11:25am 325 Pupin Laboratories	Juan Pablo Cominguez	4	13/15
SPAN 1102 006/21704	T Th F 11:40am - 12:55pm 325 Pupin Laboratories	Juan Pablo Cominguez	4	14/15
SPAN 1102 007/21815	M W F 2:40pm - 3:55pm 313 Hamilton Hall	Adrian Espinoza Staines	4	14/15
SPAN 1102 008/25640	T Th F 4:10pm - 5:25pm 425 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	13/15
SPAN 1102 009/20631	M W F 5:40pm - 6:55pm 206 Casa Hispanica	Adrian Espinoza Staines	4	12/15
SPAN 1102 011/00615	T Th F 10:10am - 11:25am 237 Milbank Hall	Leonor Pons Coll	4	15/15

**Spring 2019: SPAN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/63280	M W F 8:40am - 9:55am C01 80 Claremont	Irene Alonso-Aparicio	4	14/15
SPAN 1102	002/67800	M W F 10:10am - 11:25am C01 80 Claremont	Irene Alonso-Aparicio	4	15/15
SPAN 1102	003/74445	M W F 11:40am - 12:55pm C01 80 Claremont	Irene Alonso-Aparicio	4	14/15
SPAN 1102	004/71472	M W F 10:10am - 11:25am 425 Pupin Laboratories	Adrian Espinoza Staines	4	15/15
SPAN 1102	005/16485	M W F 11:40am - 12:55pm 425 Pupin Laboratories	Adrian Espinoza Staines	4	13/15
SPAN 1102	006/77566	M W F 2:40pm - 3:55pm 413 Hamilton Hall	Adrian Espinoza Staines	4	13/15
SPAN 1102	007/29057	T Th F 8:40am - 9:55am 104 Knox Hall	Diana Romero	4	13/15
SPAN 1102	008/63723	T Th F 10:10am - 11:25am 104 Knox Hall	Diana Romero	4	10/15
SPAN 1102	009/63089	T Th F 10:10am - 11:25am 313 Pupin Laboratories	Francisco Rosales-Varo	4	15/15
SPAN 1102	010/16735	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Francisco Rosales-Varo	4	14/15
SPAN 1102	011/12308	T Th F 2:40pm - 3:55pm 315 Hamilton Hall	Francisco Rosales-Varo	4	14/15

SPAN 1102 012/70538	T Th F 4:10pm - 5:25pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	9/15
SPAN 1102 013/27289	T Th F 5:40pm - 6:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4	6/15
SPAN 1102 020/07842	T Th F 8:40am - 9:55am 225 Milbank Hall	Antoni Fernandez Parera	4	9/15
SPAN 1102 021/02224	T Th F 10:10am - 11:25am 207 Milbank Hall	Antoni Fernandez Parera	4	15/15
SPAN 1102 022/06432	T Th F 11:40am - 12:55pm 237 Milbank Hall	Antoni Fernandez Parera	4	12/15
SPAN 1102 023/02413	T Th F 2:40pm - 3:55pm 202 Milbank Hall	Javier Perez Zapatero	4	15/15
SPAN 1102 024/03325	T Th F 4:10pm - 5:25pm 202 Milbank Hall	Javier Perez Zapatero	4	11/15

**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 2018: SPAN UN1120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/26293	T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Diana Romero	4	12/15

**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 2018: SPAN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/63013	M W F 8:40am - 9:55am	Lorena Garcia Barroso	4	14/15

		412 Pupin Laboratories			
SPAN 2101	002/61364	M W F 10:10am - 11:25am 412 Pupin Laboratories	Lorena Garcia Barroso	4	12/15
SPAN 2101	003/21001	M W F 11:40am - 12:55pm 412 Pupin Laboratories	Lorena Garcia Barroso	4	13/15
SPAN 2101	004/73856	M W F 8:40am - 9:55am 307 Pupin Laboratories	Miguel Ibanez Aristondo	4	9/15
SPAN 2101	005/61444	M W F 10:10am - 11:25am 424 Pupin Laboratories	Lee Abraham	4	13/15
SPAN 2101	006/27579	M W F 11:40am - 12:55pm 424 Pupin Laboratories	Lee Abraham	4	15/15
SPAN 2101	007/25948	M W F 2:40pm - 3:55pm 222 Pupin Laboratories	Miguel Ibanez Aristondo	4	11/15
SPAN 2101	008/17658	M W F 4:10pm - 5:25pm 222 Pupin Laboratories	Miguel Ibanez Aristondo	4	5/15
SPAN 2101	009/69568	T Th F 8:40am - 9:55am 425 Pupin Laboratories	Juan Jimenez- Caicedo	4	11/15
SPAN 2101	010/71421	T Th F 8:40am - 9:55am 313 Pupin Laboratories	Francisco Meizoso	4	5/15
SPAN 2101	011/22076	T Th F 10:10am - 11:25am 313 Pupin Laboratories	Francisco Meizoso	4	9/15
SPAN 2101	012/60720	T Th F 11:40am - 12:55pm 825 Seeley W. Mudd Building	Francisco Meizoso	4	11/15
SPAN 2101	013/68191	T Th F 2:40pm - 3:55pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	9/15
SPAN 2101	014/74790	T Th F 4:10pm - 5:25pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	7/15
SPAN 2101	015/72988	T Th F 5:40pm - 6:55pm 224 Pupin Laboratories	Leyre Alejaldre Biel	4	4/15
SPAN 2101	016/06179	M W Th 11:40am - 12:55pm 237 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 2101	017/06409	M W Th 1:10pm - 2:25pm 237 Milbank Hall	Leonor Pons Coll	4	17/17
SPAN 2101	018/08349	T Th F 2:40pm - 3:55pm 302 Milbank Hall	Javier Perez Zapatero	4	18/18

SPAN 2101	019/02433	M W Th 2:40pm - 3:55pm 237 Milbank Hall	Leonor Pons Coll	4	17/17
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**Spring 2019: SPAN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/21675	M W F 8:40am - 9:55am 206 Casa Hispanica	Juan Carlos Garzon Mantilla	4	13/15
SPAN 2101	002/61239	M W F 10:10am - 11:25am 313 Hamilton Hall	Elvira Blanco	4	13/15
SPAN 2101	003/63756	M W F 11:40am - 12:55pm 424 Pupin Laboratories	Lee Abraham	4	12/15
SPAN 2101	004/65353	M W F 2:40pm - 3:55pm 425 Pupin Laboratories	Lee Abraham	4	10/15
SPAN 2101	006/65112	M W F 4:10pm - 5:25pm 104 Knox Hall	Miguel Ibanez Aristondo	4	9/15
SPAN 2101	007/23350	M W F 5:40pm - 6:55pm 104 Knox Hall	Miguel Ibanez Aristondo	4	8/15
SPAN 2101	008/16682	T Th F 8:40am - 9:55am 222 Pupin Laboratories	Francisco Meizoso	4	6/15
SPAN 2101	009/76569	T Th F 10:10am - 11:25am 222 Pupin Laboratories	Francisco Meizoso	4	13/15
SPAN 2101	010/10703	T Th F 11:40am - 12:55pm 222 Pupin Laboratories	Francisco Meizoso	4	10/15
SPAN 2101	020/09567	M W Th 11:40am - 12:55pm 307 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 2101	021/04230	M W Th 1:10pm - 2:25pm 225 Milbank Hall	Leonor Pons Coll	4	15/15
SPAN 2101	022/00407	M W Th 2:40pm - 3:55pm 302 Milbank Hall	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 2018: SPAN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102	001/62849	M W F 8:40am - 9:55am 253 International Affairs Bldg	Francisca Aguilo Mora	4	14/15

SPAN 2102 002/62959	M W F 10:10am - 11:25am 253 International Affairs Bldg	Francisca Aguilo Mora	4	15/15		253 International Affairs Bldg			
					SPAN 2102 004/61851	W 11:40am - 12:55pm 212a Lewisohn Hall	Almudena Marin-Cobos	4	12/15
SPAN 2102 003/62531	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Francisca Aguilo Mora	4	15/15					
					SPAN 2102 004/61851	M F 11:40am - 12:55pm 308a Lewisohn Hall	Almudena Marin-Cobos	4	12/15
SPAN 2102 004/66558	M W F 8:40am - 9:55am 424 Kent Hall	Marta Ferrer	4	10/15					
					SPAN 2102 005/20521	M W F 10:10am - 11:25am 253 International Affairs Bldg	Dolores Barbazan Capeans	4	11/15
SPAN 2102 005/65738	M W F 10:10am - 11:25am C01 80 Claremont	Almudena Marin-Cobos	4	11/15					
					SPAN 2102 006/26890	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Dolores Barbazan Capeans	4	10/15
SPAN 2102 006/21971	T Th F 8:40am - 9:55am 255 International Affairs Bldg	Dolores Barbazan Capeans	4	14/15					
					SPAN 2102 008/69856	M W F 2:40pm - 3:55pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	14/15
SPAN 2102 007/16700	T Th F 10:10am - 11:25am 255 International Affairs Bldg	Dolores Barbazan Capeans	4	14/15					
					SPAN 2102 009/15607	M W F 4:10pm - 5:25pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	5/15
SPAN 2102 008/18492	T Th F 11:40am - 12:55pm 255 International Affairs Bldg	Dolores Barbazan Capeans	4	7/15					
					SPAN 2102 010/70702	M W 5:40pm - 6:55pm 407 Hamilton Hall	Leyre Alejaldre Biel	4	7/15
SPAN 2102 009/25336	T Th F 10:10am - 11:25am 253 Engineering Terrace	Angelina Craig-Florez	4	15/15					
					SPAN 2102 010/70702	F 5:40pm - 6:55pm 507 Hamilton Hall	Leyre Alejaldre Biel	4	7/15
SPAN 2102 010/11674	T Th F 11:40am - 12:55pm 253 Engineering Terrace	Angelina Craig-Florez	4	13/15					
					SPAN 2102 011/65714	T Th F 8:40am - 9:55am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	14/15
SPAN 2102 011/10313	T Th F 2:40pm - 3:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	13/15					
					SPAN 2102 012/27569	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	14/15
SPAN 2102 012/29287	T Th F 4:10pm - 5:25pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	12/15					
					SPAN 2102 013/74352	T Th F 10:10am - 11:25am 325 Pupin Laboratories	Angelina Craig-Florez	4	13/15
SPAN 2102 013/20146	T Th F 5:40pm - 6:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	11/15					
					SPAN 2102 014/60342	T Th F 11:40am - 12:55pm 325 Pupin Laboratories	Angelina Craig-Florez	4	15/15
SPAN 2102 014/04596	M W Th 10:10am - 11:25am 327 Milbank Hall	Maria Arce-Fernandez	4	15/15					
					SPAN 2102 015/65097	T Th F 4:10pm - 5:25pm 413 Hamilton Hall	Guadalupe Ruiz-Fajardo	4	5/15
SPAN 2102 015/05504	M W Th 1:10pm - 2:25pm 325 Milbank Hall	Maria Arce-Fernandez	4	14/15					
					SPAN 2102 016/73651	T Th F 5:40pm - 6:55pm 413 Hamilton Hall	Guadalupe Ruiz-Fajardo	4	3/15
SPAN 2102 016/08322	M W Th 11:40am - 12:55pm 325 Milbank Hall	Maria Arce-Fernandez	4	14/15					
					SPAN 2102 020/09111	M W Th 11:40am - 12:55pm 327 Milbank Hall	Jesus Suarez-Garcia	4	16/15
					SPAN 2102 021/06662	M W Th 1:10pm - 2:25pm 237 Milbank Hall	Jesus Suarez-Garcia	4	16/15
<b>Spring 2019: SPAN UN2102</b>									
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>				
SPAN 2102 001/69779	M W F 8:40am - 9:55am 424 Kent Hall	Francisca Aguilo Mora	4	13/15		SPAN 2102 022/06478	M W Th 2:40pm - 3:55pm 237 Milbank Hall	Jesus Suarez-Garcia	4
SPAN 2102 002/70035	M W F 10:10am - 11:25am 424 Kent Hall	Francisca Aguilo Mora	4	15/15		SPAN 2102 023/06384	T Th F 11:40am - 12:55pm 207 Milbank Hall	Maria Arce-Fernandez	4
SPAN 2102 003/10495	M W F 8:40am - 9:55am	Dolores Barbazan Capeans	4	8/15		SPAN 2102 024/06469	T Th F 2:40pm - 3:55pm 207 Milbank Hall	Maria Arce-Fernandez	4

SPAN 2102 025/06663 T Th F 4:10pm - Maria Arce- 4 12/15  
5:25pm Fernandez  
327 Milbank Hall

### 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 2018: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103	001/22147	T Th F 8:40am - 9:55am 325 Pupin Laboratories	Juan Pablo Cominguez	4	10/15

### 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 2018: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/27605	T Th F 10:10am - 11:25am 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	8/15
SPAN 2120	002/70788	T Th F 11:40am - 12:55pm 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	9/15

#### Spring 2019: SPAN UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2120	001/71703	T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Juan Jimenez-Caicedo	4	9/15

### 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 2018: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/67726	M W 10:10am - 11:25am 206 Casa Hispanica	Alberto Carpio Jimenez	3	7/15
SPAN 3300	002/19775	M W 11:40am - 12:55pm 206 Casa Hispanica	Pablo Justel Vicente	3	12/15
SPAN 3300	003/10558	M W 4:10pm - 5:25pm 325 Pupin Laboratories	Luisina Gentile	3	11/15
SPAN 3300	004/67336	T Th 10:10am - 11:25am 505 Casa Hispanica	Begona Alberdi	3	14/15
SPAN 3300	005/76750	T Th 11:40am - 12:55pm 505 Casa Hispanica	Jennifer Calles Izquierdo	3	8/15
SPAN 3300	006/16831	T Th 1:10pm - 2:25pm 222 Pupin Laboratories	Francisco Rosales-Varo	3	15/15
SPAN 3300	007/12285	T Th 2:40pm - 3:55pm	Elsa Ubeda	3	13/15



SPAN 3300	008/69799	254 International Affairs Bldg T Th 4:10pm - 5:25pm 222 Pupin Laboratories	Felipe Becerra	3	10/15
SPAN 3300	009/08819	M W 2:40pm - 3:55pm 225 Milbank Hall	Maria Arce-Fernandez	3	10/15
SPAN 3300	011/04520	M W 10:10am - 11:25am 323 Milbank Hall	Jesus Suarez-Garcia	3	10/15
<b>Spring 2019: SPAN UN3300</b>					
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/80282	M W 11:40am - 12:55pm 505 Casa Hispanica	Pablo Justel Vicente	3	12/15
SPAN 3300	002/72545	M W 1:10pm - 2:25pm 201 Casa Hispanica	Alberto Carpio Jimenez	3	10/15
SPAN 3300	003/29910	M W 4:10pm - 5:25pm 412 Pupin Laboratories	Luisina Gentile	3	9/15
SPAN 3300	004/66757	T Th 10:10am - 11:25am 201 Casa Hispanica	Felipe Becerra	3	12/15
SPAN 3300	005/21754	T Th 11:40am - 12:55pm 206 Casa Hispanica	Begona Alberdi	3	12/15
SPAN 3300	006/67098	T Th 4:10pm - 5:25pm 505 Casa Hispanica	Jennifer Calles Izquierdo	3	12/15
SPAN 3300	020/04348	M W 10:10am - 11:25am Room TBA	Maria Lozano	3	15/15
SPAN 3300	021/01614	T Th 1:10pm - 2:25pm Room TBA	Javier Perez Zapatero	3	17/19

### **SPAN UN3302 Latino New York: Cultural Identifies and Expressions. 3 points.**

This course examines the long-standing cultural presence in New York City of peoples of Latin American and Spanish Caribbean descent. Beginning with a brief overview of key grounding concepts to trace the development of New York Latino cultural identity, we then examine the cultural foundations of Latino communities in New York, dating back to the nineteenth century. We proceed to study the mass migrations of Puerto Ricans during the post-WWII period, and the consequent political and aesthetic movements of the 1960s and 1970s. We examine the plurality of cultural expressions and identities grouped under the rubric Latin@ which involves focusing on the particularities of race, gender, class, sexuality, class, and language. Finally, we examine the growing and diversified presence of immigrants from all over the Spanish-speaking world, from the mid-1970s onward, a "Latino boom" which solidified the place of Nueva York (to paraphrase author Luis Rafael Sánchez) as the symbolic capital of the Spanish-speaking world.

### **SPAN UN3308 Minimal Editions: From the Manuscript to the Web. 3 points.**

The main goal of this course is to introduce students to textual scholarship in general and digital scholarly editing in particular. The main outcome of this new course will be to publish a small-scale digital scholarly edition online of one of the most remarkable Spanish literary works, the *Lazarillo de Tormes* (XVIth century). The course is conceived as a combination between collaborative research and technical skills. At all steps of the process, we will work together toward the completion of our digital edition. Unlike other courses in digital editing taught worldwide, this course will introduce you to a "full stack," giving you the ability to make your own digital editions in the future without the need for funding, a publisher, or a "technical" team. The course will be divided into lectures and recitation sessions, in order to offer a theoretical concepts and to transfer them into practice.

### **SPAN UN3315 New York as Theatre of Spanish Modernity. 3 points.**

From the beginning of the XXth Century some of the key figures of Spanish contemporary culture, writers, filmmakers or architects, had a very close relationship to New York, sometimes as travelers, sometimes living in the city for long periods of time. That transatlantic contact, far from anecdotal, turned into an essential element of the self-understanding of those authors and a crucial presence in their work. The contact with New York modernity would be an unavoidable component in their own versions of modernity but their presence would also leave an important trace in the city. As yet more Spanish cultural travelers got in contact with the city a different phenomenon developed: from the 1950's, New York would be used as a privileged stage to project a certain institutional idea of Spain, to sell a refurbished image of the nation as sophisticated and modern after decades of international marginalization under Francoism. This course will develop a comparative study of both processes as seen in literary sources, film and architecture (García Lorca, Camba, Dalí, Tàpies, Buñuel, Loriga, Sert, Calatrava...)

### **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 2018: SPAN UN3349**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/16613	M W 10:10am - 11:25am 201 Casa Hispanica	Patricia Grieve	3	13/15
SPAN 3349	002/68511	T Th 2:40pm - 3:55pm	Nicole Basile	3	13/15

		206 Casa Hispanica			
SPAN 3349	003/75897	T Th 10:10am - 11:25am 707 Hamilton Hall	Santiago Acosta	3	13/15
SPAN 3349	005/09462	T Th 5:40pm - 6:55pm 327 Milbank Hall	Orlando Bentancor	3	15/15
<b>Spring 2019: SPAN UN3349</b>					
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/00408	T Th 5:40pm - 6:55pm 202 Milbank Hall		3	15/15
SPAN 3349	002/23110	M W 1:10pm - 2:25pm 206 Casa Hispanica	Nicole Basile	3	13/15
SPAN 3349	003/70399	T Th 4:10pm - 5:25pm 424 Pupin Laboratories	Alexandra Cook	3	10/15

### **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 2018: SPAN UN3350**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/75527	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	15/15
SPAN 3350	002/70931	M W 2:40pm - 3:55pm 201 Casa Hispanica	Iria Ameixeiras Cundins	3	15/15
SPAN 3350	003/10111	M W 4:10pm - 5:25pm 206 Casa Hispanica	David Colmenares Gonzalez	3	9/15
SPAN 3350	004/22963	T Th 10:10am - 11:25am 206 Casa Hispanica	Daniella Wurst	3	11/15
SPAN 3350	005/01319	T Th 10:10am - 11:25am 324 Milbank Hall	Ronald Briggs	3	3/15

#### **Spring 2019: SPAN UN3350**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/18326	M W 11:40am - 12:55pm 206 Casa Hispanica	Iria Ameixeiras Cundins	3	13/15
SPAN 3350	002/61097	T Th 10:10am - 11:25am 206 Casa Hispanica	Santiago Acosta	3	15/15
SPAN 3350	005/04777	T Th 4:10pm - 5:25pm 225 Milbank Hall	Wadda Rios-Font	3	13/15

### **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 15<sup>th</sup> and 17<sup>th</sup> 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 2019: SPAN UN3361**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3361	001/62695	T Th 11:40am - 12:55pm 201 Casa Hispanica	Alessandra Russo	3	11/15

### **SPAN UN3416 Transnational Cultures: Specialities in Latin America. 3 points.**

The course focuses on the cultural representation of the cities in contemporary Hispanic American literature, essays, visual texts and films. The problem of “modernity” and “postmodernity” in a peripheral culture and its relationships with public spaces is in the core of the discussion of all the texts. This course will provide students with an accurate understanding of some of the topics of contemporary Hispanic American culture. The main hypothesis will be that urban narratives articulate the new experiences during changes periods. Students will be introduced to theoretical writing on urban and spatial reflections, modern and postmodern thought and contemporary Hispanic American contexts. We focus on the representation of urban spaces in literary and visual texts,

films and essays from Argentina, Mexico, Central America, Cuba and border cities. Students will become familiar with major problems and significant political, social and cultural trends in the contemporary Hispanic American world including topics as elite culture vs. popular culture, practices of resistance, representations of the violence and Otherness. The class will be conducted in Spanish and all written assignments will also be in that language.

**SPAN UN3468 Spanish American Poetry. 3 points.**  
**Not offered during 2018-19 academic year.**

Prerequisites: SPAN UN3349 and SPAN UN3350 or instructor's permission.

The aims of the class are twofold: 1) to explore the language of poetry and ways of approaching it; 2) to study selected poems by major figures of XXth- and XXIst-century Spanish American poetry. For the purposes of the class, poems will be considered not as ideological constructs or forms of cultural production, but as aesthetic artifacts, sources of readerly pleasure and enlightenment. As the American poet Robert Frost put it: A poem begins in delight and ends in wisdom. Authors to be discussed include Pablo Neruda, César Vallejo, Alfonsina Storni, Nicolás Guillén, Alejandra Pizarnik, Nicanor Parra, and José Kozer.

**SPAN UN3488 Public Intellectuals (before modernity) . 4 points.**

Were there public intellectuals before the advent of modernity? What was it like to be a public intellectual before the existence of the public sphere as we know it today—including the media, mass communication, etc.? Who were there? Where were they located? How public were their interactions? What kind of impact did they expect from their interlocution with power? How did they “speak truth to power”? In this course we will explore these and other questions. For this purpose, we will be reading works from Christine de Pizan, a 14th-15th century woman political scientist; Teresa de Cartagena, a 15th century nun interested in the intellectual value of women in a man's world; Averroes, a Muslim intellectual from the 12th century who went into exile because of his ideas before the dynastic changes taking place in al-Andalus; Maimonides, a 12th century Jewish lawyer and thinker who challenged the way in which global legal scholars studied the Jewish law; Juan Hispano, a 16th century professor and poet of African descent (son to black slaves) who wrote poems about the wars in the Mediterranean; Diego de Valera, a 15th century plebeian intellectual who spoke truth to power with the purpose of stop the civil war; Mancebo de Arévalo, a morisco from the 16th century who engaged in an ethnographic trip across the Iberian Peninsula in order to rebuild the moorish culture after the processes of geographical displacement undertaken by the Spanish monarchy; Olivia Sabuco de Nantes Barrera, a sixteenth century woman who engaged in philosophical research; etc. In addition to that, we will be reading critical and theoretical work of Michel Foucault, Judith Butler, Gayatri Spivak, and others. In this course, we intend to create an #inclusivesyllabus. This course will be cross-listed with the Institute for Comparative Literature and Society.

**SPAN UN3490 Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement  
**Not offered during 2018-19 academic year.**

The course aims to offer an overview of Latin American cultures that emphasizes specific social and intellectual movements through an analysis of representative historical and literary texts, as well as visual sources, covering Pre-columbian, colonial and independence periods. Selected materials are essential documents of their times and provide a comprehensive view of the origins and construction of Latin American cultures and identities. We read and analyze the selected sources as essential documents that are also often influential statements about Latin American histories.

**SPAN UN3510 Gender, Performance, and Memory: Activism in the Americas. 3 points.**

This course explores the different ways in which artists, activists, and collective movements use performative actions in the public sphere to make social and political interventions in the Americas. Using gender, performance and memory studies as a theoretical framework, this course addresses how performative actions can challenge embedded dominant discourse of power, state political repression, as well as corrupt and patriarchal systems that support gender oppression and violence. We will examine staged theatrical performances and performative and collective actions of protest in countries with a history of State violence and repression; particularly Argentina, Chile, Peru, Mexico, and Guatemala. These actions are not only fueled as actions of protests, but they reassert identity politics and struggles as well as the right to culture and the exercise of citizenship in the public sphere. By tracing their similarities and connections, the course opens a dialogue on the role of expressive culture and its relation to citizenry and national belonging. Finally, by continuously engaging with the critical lens of gender, performance, and memory studies theories, the course identifies how the specificity of the different Latin American contexts can contribute, expand, and challenge these theoretical canons.

**SPAN UN3690 Seeing and Describing. 3 points.**  
**Not offered during 2018-19 academic year.**

With the expansion projects of Portugal and Spain throughout the world between the 15th and the 17th centuries, travelers, conquistadors, missionaries, art theorists, and collectors were suddenly challenged by the encounter with a myriad new forms, images, objects, sculptures, cities, monuments, and techniques—those produced and developed in the Americas, Asia, and Africa. They recorded their emotions, surprise, reactions, and desires in written texts, mainly written in Spanish (and Portuguese) encompassing chronicles, letters, inventories, and artistic treatises. Several of these texts were printed and translated into other languages, becoming accessible to a larger audience. In this seminar we will study how the intensity of these simultaneous visual experiences of the objects encountered in the four parts of the world—or observed once they were sent to Europe—was translated into textual accounts, which often also included

drawings and engravings. Participating in the long-lasting tradition of “ekphrasis,” (a description of or comment on a work of art) the texts written in the context of the Iberian expansion reinvent the art of describing artworks in unexpected ways. Compared with ancient texts addressing objects and images, the challenge of the Early Modern Iberian descriptions was driven by new intellectual challenges: to think of the “opening of the world” and its variety via the novelty of the objects; to relate the world and its forms through a common, almost “atemporal,” antiquity of the globe that would enable different societies and their histories to synchronize; to redefine the humanity via the artistic capacities and skills to make and to create. We will read a great corpus of these primary sources, mainly written in Spanish, as well as secondary sources (classic studies along the most recent contributions), which will help us envision the art-historical, anthropological, and philosophical implications of these unstudied texts.

**SPAN UN3698 Introduction to Undergraduate Research. 4 points.**

The "Introduction to Undergraduate Research" will ensure that majors, concentrators, and other students in advance courses in the Department of Latin American and Iberian Cultures (LAIC) master the skills, techniques, and practices they will need to undertake research in Latin American and Iberian Cultures and to pursue further lines of inquiry within the humanities. Throughout this course, students will hone their academic writing skills in Spanish, Portuguese, and/or Catalan while they develop the necessary methodology to identify and approach primary sources, understand the manual and digital systems of analysis of those sources, and conduct bibliographical research toward advance scholarship. Over the course of the semester, students will propose, research, plan and write an article-length research paper on the topic of their choice, which they will have the opportunity to submit to the *LAIC Journal of Undergraduate Research*. The seminar will familiarize students with the resources and tools that will help them to pursue such a project, including Columbia's library and archival collections, other institutional libraries accessible digitally, annotation and citation apps, and word-processing programs that are ideal for large-scale writing projects. As such, the course will be largely methodological, designed to provide hands-on knowledge to students that will both orient them within the field of Latin American and Iberian Cultures and arm them with research and project-planning skills that are applicable beyond the discipline.

**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.

**SPAN UN3799 Discourse in Spanish: Analysis and Production. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: SPAN 3300.

This course will make the students familiar with discourse tools in order to analyze and produce texts in Spanish. It has two general pedagogical objectives: giving the students the tools for discourse analysis and teaching how to use them in the construction of their own discourse practice. This twofold configuration means that the students will learn language consciously and deeply how the language in action works and how to use the language as an instrument of their own. The course will have three parts. The first will deal with textual construction- discourse genders, how to construct coherence and cohesion in Spanish with special attention to discourse markers and connectors, differences between oral and written discourse, and register. The second will be about conversational analysis – the structure of interaction in a wide range of encounters, from those very ritualized - such as ceremonies or classes- to casual conversation. We also deal with non verbal communication and their role in social interaction form a multimodal perspective. The third part will be about critical discourse analysis and ideological discourse construction. We will use the tools learned in the previous parts to trace ideology in different forms of discourse, for instance, the building of Latin identity in music, sexism in advertisement, the Latin bourgeois family in soap operas, and political discourse. Also the students will select areas of analysis and production of their interest. For the three parts of the course, students will analyze primary texts such as advertisement, music, TV series, realities, films, conversations among native speakers, news, blogs, text messages, academic production, and text books. They also will produce discourse pieces according to specific communicative purposes and situations, such as an advertising campaign, political discourses, academic texts and film/TV scripts. Secondary texts will be in Spanish (original, not translated), although there will be a recommended reading list of classical DA texts in English. Assessment and grade will be built on: 1. three take home exams on the analysis of different texts (one for each course three parts); 2. student's production of required texts; 3. class preparation and participation.

**SPAN UN3815 Forgetting the Spanish Civil War. 3 points.**

On October 31st, 2007 a polemic Historical Memory Law was passed by the Spanish Congress. The legislative initiative was only the culmination of a social and cultural change visible since the end of the 80's: After decades when the building of a new democracy made the memory of the civil war an uncomfortable issue to be avoided by politicians and the general public, an attitude best exemplified by the Amnesty Law that followed Franco's death in 1977, the arrival of a new, younger generation who had not lived under Franco demanded new models of engagement with the past. Political moves were parallel to an explosion of demand and visibility of cultural products about the war. Memory became both a suddenly urgent political issue and a profitable business for a cultural industry that was to produce an endless catalogue of best-selling novels, nostalgic coffee-table books and blockbuster films. An introductory critical reflection on some of the most influential theories of cultural memory (Huyssen, Nora, Halbwachs, Ricoeur) will be the point of departure for the analysis of a wide variety of cultural productions (historiography, film, literature, comic) focused on



the civil war. The works by writers Alberto Méndez, Isaac Rosa, Muñoz Molina, Julio Llamazares, film-makers such as Guillermo del Toro, Carlos Saura, García Berlanga, Agustín Villaronga or historians like Beevor, Payne, Juliá, Pío Moa, Sánchez León will be the materials from which to consider the complex mechanisms of the representations of memory and their inter-action with their socio-political context.

### **SPAN UN3991 Senior Seminar. 4 points.**

Prerequisites: Seniors (major or concentrator status).

SENIOR SEMINAR SECTION 001 (Benezra): "Vanguardias y retaguardias en el siglo veinte latinoamericano"

This course proposes examining the theory and history of the avant-garde in twentieth century Latin America and the Caribbean. Through the analysis of manifestoes, essays, poetry and film, we will study how authors of diverse genres and ideologies thought about the role of art and of the artist in the transformation of society. We will pay special attention to the structure of history and experience of time that these authors posited and to the ways in which their positions accounted for the limits of capitalist development or the specificity of the Latin American experience of empire. Authors will include Mariátegui, Osvaldo and Mário de Andrade, C.L.R. James, Lezama Lima and Guitérrez Alea, among others.

#### **Fall 2018: SPAN UN3991**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3991	001/73002	W 10:10am - 12:00pm 505 Casa Hispanica	Karen Benezra	4	6/15

### **SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION. 3 points.**

Prerequisites: Intermediate reading knowledge of Spanish

#### **Spring 2019: SPAN GU4010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 4010	001/68096	M W 1:10pm - 2:25pm 308a Lewisohn Hall	Francisca Aguilo Mora	3	15/15

### **SPAN GU4011 Conversation in Spanish: Practice and Analysis. 3 points.**

**Not offered during 2018-19 academic year.**

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 2019: SPAN GU4011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 4011	001/62797	T Th 2:40pm - 3:55pm 413 Hamilton Hall	Guadalupe Ruiz-Fajardo	3	15/15

### **CPLS UN3333 East/West Frametale Narratives. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A study of frame tale collections from India, Persia, the Middle East, and Western Europe from the 5<sup>th</sup> century C.E. through the 17<sup>th</sup> century. We will trace the development of short story/novella from their oral traditions and written reworkings, studying such texts as *1001 Nights*, *Kalila wa-Dimnah*, *Scholar's Guide*, and the works of Boccaccio, Marguerite de Navarre, Cervantes, and María de Zayas. This is a Global Core course. Application Instructions: E-mail Professor Patricia E. Grieve (peg1@columbia.edu) no later than November 17, with the subject heading "Application: E/W Frametale Narratives." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Applicants will be notified of decisions within a week.

#### **Spring 2019: CPLS UN3333**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3333	001/68646	W 10:10am - 12:00pm 201 Casa Hispanica	Patricia Grieve	4	13/15

## **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 2018: PORT UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	002/63759	T Th F 11:40am - 12:55pm 537 Grace Dodge Hall (Tc)	Joao Nemi Neto	4	13/15

#### **Spring 2019: PORT UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/88950	W 10:10am - 11:25am 406 Hamilton Hall	Yudi Koike	4	5/15
PORT 1101	001/88950	M 10:10am - 11:25am 201 Casa Hispanica	Yudi Koike	4	5/15

PORT 1101 001/88950 Th 10:10am - Yudi Koike 4 5/15  
11:25am  
505 Casa Hispanica

### 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 2018: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102 001/61647		M W F 4:10pm - 5:25pm 412 Pupin Laboratories	Jose Castellanos-Pazos	4	2/15

#### Spring 2019: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102 001/12925		T Th F 11:40am - 12:55pm 316 Hamilton Hall	Joao Nemi Neto	4	10/15

### 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 2018: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320 001/64824		T Th 10:10am - 12:00pm 424 Pupin Laboratories	Jose Castellanos-Pazos	4	10/15
PORT 1320 002/10527		M W 12:10pm - 2:00pm 224 Pupin Laboratories	Jose Castellanos-Pazos	4	14/15

#### Spring 2019: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320 001/16920		M W 10:10am - 12:00pm 116 Knox Hall	Jose Castellanos-Pazos	4	7/15
PORT 1320 002/21770		T Th 10:10am - 12:00pm 253 International Affairs Bldg	Jose Castellanos-Pazos	4	13/15

### 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 2018: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101 001/10801		T Th F 10:10am - 11:25am 201 Casa Hispanica	Yudi Koike	4	4/15

#### Spring 2019: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101 001/66754		M W F 10:10am - 11:25am 413 Hamilton Hall	Deneb Kozikoski Valereto	4	3/15

### PORT UN2102 Intermediate Portuguese II. 4 points.

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.

#### Spring 2019: PORT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2102 001/76451		M W F 2:40pm - 3:55pm 308a Lewisohn Hall	Deneb Kozikoski Valereto	4	4/15

### 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 2018: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120 001/18625		T Th F 2:40pm - 3:55pm 424 Pupin Laboratories	Joao Nemi Neto	4	7/15

#### Spring 2019: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120 001/74498		T Th F 2:40pm - 3:55pm 411 Hamilton Hall	Joao Nemi Neto	4	8/15

**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.

**Fall 2018: PORT UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3101	001/74000	M W 2:40pm - 3:55pm 206 Casa Hispanica	Daniel Da Silva	3	11/15

**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 2018: PORT UN3300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/19903	T Th 4:10pm - 5:25pm 424 Pupin Laboratories	Joao Nemi Neto	3	7/15

**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 2019: PORT UN3330**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3330	001/74859	M W 4:10pm - 5:25pm 254 International Affairs Bldg	Deneb Kozikoski Valereto	3	2/15

**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 2019: PORT UN3350**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3350	001/65713	T Th 4:10pm - 5:25pm 411 Hamilton Hall	Joao Nemi Neto	3	10/15

**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.

**Fall 2018: PORT UN3490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/27845	T Th 4:10pm - 5:25pm 206 Casa Hispanica	Alexandra Cook	3	15/15

**Spring 2019: PORT UN3490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/23914	M W 4:10pm - 5:25pm 201a Philosophy Hall	Daniel Da Silva	3	9/15

## 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 2018: CATL UN1120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/62983	T Th 12:10pm - 2:00pm 254 International Affairs Bldg	Elsa Ubeda	4	6/15

**Spring 2019: CATL UN1120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/76882	T Th 12:10pm - 2:00pm 253 International Affairs Bldg	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.

**Fall 2018: CATL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/17202	T Th 8:10am - 10:00am 254 International Affairs Bldg	Elsa Ubeda	4	2/15

**Spring 2019: CATL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/61828	T Th 10:10am - 12:00pm 255 International Affairs Bldg	Elsa Ubeda	4	6/15

**CATL UN2102 Intermediate Catalan II. 4 points.**

Prerequisites: CATL UN2101 or equivalent

Catalan 1202 is the second part of Columbia University's intermediate Catalan sequence. Course goals are to enhance student exposure to various aspects of Catalan culture and to consolidate and expand reading, writing, speaking, and listening skills.

**Spring 2019: CATL UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/74326	T Th 8:10am - 10:00am 255 International Affairs Bldg	Elsa Ubeda	4	3/15



**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.

**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.

# LINGUISTICS

**Program Director:** Prof. Meredith Landman, 712 Hamilton Hall, ml4263@columbia.edu, 212-854-3941

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.

The tradition of *generative grammar* posits (a) an idealized individual user of language, which is then seen as (b) a thoroughly rule-governed, (c) biological and universal system. This tradition has been dominant in the sociology of the field since the appearance of Chomsky's *Syntactic Structures* (1957).

But various programs have begun to move away from the reductionism of generative grammar and contextual approaches. Alternative approaches, which might be termed *contextual*, look at:

(a) how individuals use language in the context of a community, from which it follows that (b) language is not just an abstract mental system; (c) language is rather a cultural habit, whose salient features are by no means universal.

Our program seeks to be inclusive; it presents both strains of linguistics, to ensure that students have the proper training to apply to graduate school, but leans more to a contextual approach. This bias to contextual linguistics fits with the tradition of linguistics at Columbia, from Franz Boas through Uriel Weinreich.

Linguistics, by virtue of dealing with language, naturally intersects with other academic disciplines which also touch on language from the perspective of the other discipline.

(a) Linguistics—at least contextual linguistics—shares with sociology and anthropology the axiom that language is communal, and therefore may be used (for example) to signal identity, to negotiate relations of power between members of a community, and the like. Linguistics does not reduce to sociology, however, in that linguistics investigates not only the communal side of language, but also the systemic and the cognitive properties of language.

(b) Cognitive psychology, in the attempt to understand the workings of the mind, often investigates language, which, after all, is the most accessible manifestation of the activity of the mind. Psychology, however, is virtually obligated to treat all languages as equivalent—after all, language is produced by the human brain, whose properties do not vary across individuals or cultures. In this way psychological investigations of language are less attuned to the variation and cultural accident of language than linguistics.

(c) Some concerns of philosophy have been adopted by some practitioners of “formal semantics” in linguistics. Yet philosophy, like psychology, adopts an idealized view of language, whereby all languages and all modes of usage are equivalent; there is a tacit assumption that language is immutable. Linguistics

—again, contextual linguistics, at least—when it investigates semantics finds the associative and subjective operations of metaphor (similarity) and metonymy (contiguity) as essential tools in modeling language meaning and change in meaning; the subdiscipline of cognitive linguistics focuses on these essentially tropic operations as the critical means whereby meaning is textured and changed over time; change in meaning over time is not relevant to psychology and philosophy. Philosophy and linguistics differ in their take on discourse. In philosophy, the Gricean approach to discourse, to take one example, posits an overarching and idealized “cooperative principle” against which behavior is evaluated. While Grice is in fact often invoked in linguistic discussions of discourse, linguistics is likely to be more empirical than the tradition of discourse in philosophy and pay attention, for example, to *differences*: to differences among functions of discourse (“genres” of speech), to differences in the roles of speaker, and to the differences between written and spontaneous oral use of language.

## 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).

## THE COLUMBIA LINGUISTICS SOCIETY

The Columbia Linguistics Society is an organization of undergraduates interested in linguistics which sponsors lectures and hosts informal social events. Information is available at <http://columbialinguistics.wordpress.com/> or through Facebook.

## AFFILIATED FACULTY

May Ahmar (Arabic; MESAAS)  
Akeel Bilgrami (Philosophy)  
Aaron Fox (Music)  
Haim Gaifman (Philosophy)  
Boris Gasparov (Slavic Languages)  
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)  
 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)  
 Mariame Sy (Wolof; Pulaar; MESAAS)  
 Alan Timberlake (Slavic Languages)  
 Zhirong Wang (Chinese; East Asian Languages and Cultures)

## SPECIAL CONCENTRATION IN LINGUISTICS

### Linguistics at Columbia: Special Concentration

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 18 points in the linguistics program as follows:

1. Three core courses in linguistics chosen from:

LING UN3101	Introduction to Linguistics
HNGR UN3343	Hungarian Descriptive Grammar
ANTH UN3906	Functional Linguistics and Language Typology
AMST UN3990	Senior Research Seminar
LING GU4108	Language History
LING GU4120	Language Documentation and Field Methods
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
ENGL GU4901	History of the English Language
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 V3044 Symbolic Anthropology

ANTH W4042 Agent, Person, Subject, Self

ANTH G6125 Language, Culture and Power

Computer Science

COMS W3261 Computer Science Theory

COMS W4705 Natural Language Processing

COMS W4706 Spoken Language Processing

COMS E6998 Topics in Computer Science

French

FREN BC3011

Music

MUSI W4405 Music and Language

MSPS G4233 Language and Music (Seminar)

Philosophy

PHIL UN3411 Symbolic Logic

PHIL UN3685 Philosophy of Language

PHIL GU4490 LANGUAGE AND MIND

Psychology

PSYC W2440 Language and the Brain

PSYC UN2450 Behavioral Neuroscience

PSYC W3265 Auditory Perception (Seminar)

PSYC BC3164 Perception and Language

PSYC BC3369 Language Development

PSYC UN2215 Cognition and the Brain

Sociology

SOCI G4030 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 2018: LING UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3101	001/74355	T Th 2:40pm - 3:55pm 501 Northwest Corner	John McWhorter	3	146/164

### 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 2019: HNGR UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/76395	T Th 4:10pm - 5:25pm 613 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 2019: LING UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3998	001/73956		John McWhorter, Meredith Landman	2-4	9/25

### 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 2018: LING GU4108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4108	001/17746	T Th 1:10pm - 2:25pm 503 Hamilton Hall	Meredith Landman	3	4/45

### 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 2019: LING GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4120	001/14476	T Th 1:10pm - 2:25pm 101 Knox Hall	Meredith Landman	3	11/15

#### **LING GU4170 Language and Symbol: Semiotics of Speech, Literature, & Culture. 3 points.**

**Not offered during 2018-19 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 2018-19 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 Indoeuropean, some unexpected words in Cambodian (e.g. *niam*, *smaeu*) will turn out to have English cognates (like *name*, *same*).

Your goal in this course is not to acquire a speaking knowledge of Khmer. (For that you would need a pedagogical grammar, a native-speaker instructor, and hours and hours of practice in the lab and in the classroom.) It is rather to understand from a linguist's point of view what it is that makes this language a typical language of this part of the world. We will be working through a reference grammar of the language together. You are each also going to 'adopt' another mainland SE Asian language for purposes of comparison, to experience for yourself what it means for a language to be a member of a linguistic alliance or Sprachbund. You may select your own 'pet' language, and your assignment will then be to 'master' this language in the same way that you have 'mastered' Khmer.

#### **LING GU4190 Discourse 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 2019: LING GU4190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4190	001/10663	M W 6:10pm - 7:25pm 507 Hamilton Hall	John Wright	3	14/25

#### **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 GU4376 Phonetics and Phonology. 3 points.**

**Not offered during 2018-19 academic year.**

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 2019: LING GU4376**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4376	001/76588	T Th 10:10am - 11:25am 303 Hamilton Hall	Meredith Landman	3	28/35

**LING GU4444 In Search of Language: From Rousseau to Derrida. 0-3 points.**  
**Not offered during 2018-19 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.

**Fall 2018: LING GU4800**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4800	001/13460	M W 11:40am - 12:55pm 717 Hamilton Hall	John McWhorter	3	58/60

**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 2018: LING GU4903**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4903	001/21049	T Th 10:10am - 11:25am 303 Hamilton Hall	Meredith Landman	3	6/30

**LING GU4206 Advanced Grammar and Grammars. 3 points.**

Prerequisites: LING UN3101

An investigation of the possible *types* of grammatical phenomena (argument structure, tense/aspect/mood, relative clauses, classifiers, and deixis). This typological approach is enriched by

the reading of actual grammars of languages from Asia, Africa, Australia, and the Americas.

**OF RELATED INTEREST****Anthropology (Barnard)**

ANTH UN1009	Introduction to Language and Culture
ANTH V3044	Symbolic Anthropology

**Anthropology**

ANTH UN1009	Introduction to Language and Culture
ANTH UN3906	Functional Linguistics and Language Typology
ANTH UN3947	Text, Magic, Performance
ANTH W4042	Agent, Person, Subject, Self

**Computer Science**

COMS W3261	Computer Science Theory
COMS W4705	Natural Language Processing

**East Asian Languages and Cultures**

CHNS W3301 - CHNS W3302	Introduction To Classical Chinese I and Introduction To Classical Chinese II
CHNS GU4019	History of Chinese Language

**French (Barnard)**

FREN BC3011	
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**Hungarian**

HNGR UN3343	Hungarian Descriptive Grammar
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**Philosophy**

PHIL UN3252	Philosophy of Language and Mind
PHIL UN3411	Symbolic Logic

**Psychology (Barnard)**

PSYC BC3164	Perception and Language
PSYC BC3369	Language Development

**Slavic Languages**

SLLN GU4005	Introduction to Old Church Slavonic
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**Spanish and Latin American Cultures (Barnard)**

SPAN BC3382	Languages in Contact: Sociolinguistic Aspects of U. S. Spanish
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**Latin American and Iberian Cultures**

SPAN W3563	Spanish Pragmatics: What Do We Do When We Speak Spanish?
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# 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](mailto:savin@math.columbia.edu)

**Calculus Director:** Prof. Michael Woodbury, 525 Mathematics;  
212-854-2849; [woodbury@math.columbia.edu](mailto:woodbury@math.columbia.edu)

**Computer Science-Mathematics Adviser:** Prof. Eric Urban, 608  
Mathematics; 212-854-6362; [urban@math.columbia.edu](mailto:urban@math.columbia.edu)

## Economics-Mathematics Advisers:

*Mathematics:* Prof. Julien Dubedat, 601 Mathematics;  
212-854-8806; [jd2653@columbia.edu](mailto:jd2653@columbia.edu)

*Economics:* Dr. Susan Elmes, 1006 International Affairs Building;  
212-854-9124; [se5@columbia.edu](mailto:se5@columbia.edu)

## Mathematics-Statistics Advisers:

*Mathematics:* Prof. Julien Dubedat, 601 Mathematics;  
212-854-8806; [dubedat@math.columbia.edu](mailto:dubedat@math.columbia.edu)

*Statistics:* Prof. Banu Baydil, 611 Watson; 212-851-2132;  
[bb2717@columbia.edu](mailto:bb2717@columbia.edu)

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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
- 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

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
- Giulia Sacca
- Will Sawin

## J.F. RITT ASSISTANT PROFESSORS

- Akram Alishahi
- Evgeni Dimitrov
- Teng Fei
- Alexandra Florea
- Bin Guo
- Shotaro Makisumi
- Konstantin Matetski
- Henri Roesch
- Nicholas Salter
- Gus Schrader
- Lihn Truong
- Evan Warner
- Hui Yu
- Yihang Zhu

## SENIOR LECTURERS IN DISCIPLINE

- Lars Nielsen
- Mikhail Smirnov
- Peter Woit

## LECTURERS IN DISCIPLINE

- Michael Woodbury

## ON LEAVE

- Profs. Corwin, Krichever, Neumann, Pinkham, Sawin (*Fall 2018*)
- Profs. Neumann, Phong, Pinkham, Sacca, Sawin, Urban (*Spring 2019*)

## MAJOR IN MATHEMATICS

The major requires 40-42 points as follows:

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101	Calculus I
- MATH UN1102	and Calculus II
- MATH UN1201	and Calculus III
- MATH UN1202	and Calculus IV
- MATH UN2010	and Linear Algebra

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

15 points in the following required courses:

MATH UN3951	Undergraduate Seminars in
- MATH UN3952	Mathematics I
	and Undergraduate Seminars in
	Mathematics II (at least one term)

MATH GU4041	Introduction to Modern Algebra I
- MATH GU4042	and Introduction to Modern
	Algebra II

MATH GU4061	Introduction To Modern Analysis I
- MATH GU4062	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

#### 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 and Applications

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 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 2018: MATH UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/75416	M W 8:40am - 9:55am 203 Mathematics Building	Michael Woodbury	3	50/100
MATH 1101	002/22652	M W 10:10am - 11:25am 203 Mathematics Building	Michael Woodbury	3	34/100
MATH 1101	003/64255	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Zachary Sylvan	3	69/100
MATH 1101	004/21177	M W 2:40pm - 3:55pm 407 Mathematics Building	Samuel Mundy	3	30/36
MATH 1101	005/17719	M W 6:10pm - 7:25pm 203 Mathematics Building	Linh Truong	3	96/106
MATH 1101	006/15413	T Th 10:10am - 11:25am 207 Mathematics Building	Alisa Knizel	3	71/100
MATH 1101	007/11805	T Th 11:40am - 12:55pm 203 Mathematics Building	Henri Roesch	3	56/100
MATH 1101	008/25959	T Th 1:10pm - 2:25pm 207 Mathematics Building	Alexandra Florea	3	89/100
MATH 1101	009/14039	T Th 4:10pm - 5:25pm 203 Mathematics Building	Nicholas Salter	3	95/100
MATH 1101	010/10369	T Th 6:10pm - 7:25pm 337 Seeley W. Mudd Building	Carl Lian	3	25/30

**Spring 2019: MATH UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/75145	M W 10:10am - 11:25am 407 Mathematics Building	Yang An	3	29/30
MATH 1101	002/62612	M W 4:10pm - 5:25pm 207 Mathematics Building	Jacob Shapiro	3	58/100
MATH 1101	003/27890	M W 6:10pm - 7:25pm 407 Mathematics Building	Dmitrii Pirozhkov	3	29/30
MATH 1101	004/73630	T Th 11:40am - 12:55pm 407 Mathematics Building	Wenhua Yu	3	19/30

MATH 1101	005/69201	T Th 1:10pm - 2:25pm 407 Mathematics Building	Huaxin Liu	3	31/30
MATH 1101	006/19056	T Th 2:40pm - 3:55pm 417 Mathematics Building	Alexander Cowan	3	42/50

**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 2018: MATH UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/21348	M W 10:10am - 11:25am 209 Havemeyer Hall	Evgeni Dimitrov	3	69/100
MATH 1102	002/68227	M W 2:40pm - 3:55pm 203 Mathematics Building	Sylvain Carpentier	3	53/100
MATH 1102	003/73735	M W 4:10pm - 5:25pm 407 Mathematics Building	Donghan Kim	3	20/30
MATH 1102	004/77440	T Th 10:10am - 11:25am 203 Mathematics Building	Peter Woit	3	30/100
MATH 1102	005/75792	T Th 6:10pm - 7:25pm 407 Mathematics Building	Elliott Stein	3	35/35
MATH 1102	006/86786	M W 8:40am - 9:55am 312 Mathematics Building	Aliakbar Daemi	3	49/100

**Spring 2019: MATH UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/17885	M W 4:10pm - 5:25pm 203 Mathematics Building	Henri Roesch	3	50/100
MATH 1102	002/72870	M W 6:10pm - 7:25pm 203 Mathematics Building	Henri Roesch	3	8/100
MATH 1102	003/62450	T Th 11:40am - 12:55pm 417 Mathematics Building	Pak Hin Lee	3	33/36
MATH 1102	004/16563	T Th 2:40pm - 3:55pm 407 Mathematics Building	Raymond Cheng	3	27/36
MATH 1102	005/17398	T Th 4:10pm - 5:25pm 520 Mathematics Building	Beomjun Choi	3	20/30

**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 2018: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/06129	M W 10:10am - 11:25am 405 Milbank Hall	Daniela De Silva	3	93/100
MATH 1201	002/15181	M W 4:10pm - 5:25pm 312 Mathematics Building	Akram Alishahi	3	102/100
MATH 1201	003/70393	M W 5:40pm - 6:55pm 312 Mathematics Building	Akram Alishahi	3	57/100
MATH 1201	004/28840	T Th 8:40am - 9:55am 312 Mathematics Building	Teng Fei	3	37/100
MATH 1201	005/29694	T Th 10:10am - 11:25am 312 Mathematics Building	Teng Fei	3	56/110
MATH 1201	006/26829	T Th 1:10pm - 2:25pm 203 Mathematics Building	Michael Harris	3	49/100
MATH 1201	007/66587	T Th 2:40pm - 3:55pm 312 Mathematics Building	Michael Harris	3	33/100
MATH 1201	008/73001	T Th 6:10pm - 7:25pm 207 Mathematics Building	Guillaume Remy	3	20/100

#### Spring 2019: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/29129	M W 10:10am - 11:25am 312 Mathematics Building	Igor Krichever	3	98/116
MATH 1201	002/28142	M W 2:40pm - 3:55pm 203 Mathematics Building	Linh Truong	3	90/100
MATH 1201	003/67934	M W 4:10pm - 5:25pm 312 Mathematics Building	Giulia Sacca	3	64/100
MATH 1201	004/20699	M W 6:10pm - 7:25pm 312 Mathematics Building	Teng Fei	3	56/100
MATH 1201	005/20830	T Th 11:40am - 12:55pm 203 Mathematics Building	Yoel Groman	3	27/100

#### 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 2018: MATH UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/22352	M W 1:10pm - 2:25pm 520 Mathematics Building	Mu-Tao Wang	3	30/100
MATH 1202	002/26570	M W 6:10pm - 7:25pm 329 Pupin Laboratories	Mikhail Smirnov	3	36/100

#### 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 2018: MATH UN1205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1205	001/20052	M W 2:40pm - 3:55pm 207 Mathematics Building	Kanstantsin Matetski	4	36/120

#### 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 2018: MATH UN1207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1207	001/15561	M W 1:10pm - 2:25pm 207 Mathematics Building	Evan Warner	4	69/100

#### 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 2019: MATH UN1208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1208	001/61919	M W 1:10pm - 2:25pm	Evan Warner	4	52/100

203 Mathematics  
Building

### **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 2018: MATH UN2000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/04201	M W 4:10pm - 5:25pm 530 Altschul Hall	Linh Truong	3	26/64

### **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 2018: MATH UN2010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/17348	M W 11:40am - 12:55pm 203 Mathematics Building	Gus Schrader	3	88/100
MATH 2010	002/12215	M W 1:10pm - 2:25pm 203 Mathematics Building	Gus Schrader	3	87/100
MATH 2010	003/03818	T Th 8:40am - 9:55am 405 Milbank Hall	David Bayer	3	43/100
MATH 2010	004/02940	T Th 10:10am - 11:25am 405 Milbank Hall	David Bayer	3	76/100
MATH 2010	005/70756	T Th 6:10pm - 7:25pm 312 Mathematics Building	Michael Thaddeus	3	41/100
MATH 2010	006/10282	M W 4:10pm - 5:25pm 517 Hamilton Hall	Giulia Sacca	3	27/100

#### **Spring 2019: MATH UN2010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/61743	M W 11:40am - 12:55pm 312 Mathematics Building	Bianca Santoro	3	91/116
MATH 2010	002/18837	M W 1:10pm - 2:25pm 312 Mathematics Building	Joshua Sussan	3	93/100
MATH 2010	003/12804	T Th 10:10am - 11:25am 312 Mathematics Building	Nicholas Salter	3	62/100

MATH 2010	004/23515	T Th 11:40am - 12:55pm 312 Mathematics Building	Nicholas Salter	3	83/100
MATH 2010	005/68757	T Th 6:10pm - 7:25pm 312 Mathematics Building	Elliott Stein	3	53/100

### **MATH UN2020 Honors Linear Algebra. 3 points.**

**Not offered during 2018-19 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 2018: MATH UN2030**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2030	001/61500	M W 11:40am - 12:55pm 612 Schermerhorn Hall	Oleg Lazarev	3	37/60
MATH 2030	002/22382	T Th 2:40pm - 3:55pm 207 Mathematics Building	Kyler Siegel	3	63/100

#### **Spring 2019: MATH UN2030**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2030	001/69879	T Th 1:10pm - 2:25pm 203 Mathematics Building	Evgeni Dimitrov	3	72/100
MATH 2030	002/15671	T Th 2:40pm - 3:55pm 203 Mathematics Building	Evgeni Dimitrov	3	67/100

### **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 2018: MATH UN2500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/19350	M W 10:10am - 11:25am 312 Mathematics Building	Shotaro Makisumi	3	50/100

MATH 2500	002/11241	M W 11:40am - 12:55pm 312 Mathematics Building	Shotaro Makisumi	3	58/100
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**Spring 2019: MATH UN2500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/64928	T Th 8:40am - 9:55am 203 Mathematics Building	Kanstantsin Matetski	3	35/100
MATH 2500	002/14987	T Th 10:10am - 11:25am 203 Mathematics Building	Kanstantsin Matetski	3	54/100

**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)

**Spring 2019: MATH UN3007**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3007	001/75499	M W 11:40am - 12:55pm 207 Mathematics Building	Yihang Zhu	3	49/100

**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 2019: MATH UN3020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3020	001/25965	T Th 1:10pm - 2:25pm 312 Mathematics Building	Shotaro Makisumi	3	85/100

**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 2018: MATH UN3025**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3025	001/67838	T Th 2:40pm - 3:55pm 203 Mathematics Building	Aise Johan de Jong	3	63/100

**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 2018: MATH UN3027**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3027	001/15544	T Th 1:10pm - 2:25pm 312 Mathematics Building	Panagiota Daskalopoulos	3	43/100

**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 2019: MATH UN3028**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3028	001/75479	M W 10:10am - 11:25am 203 Mathematics Building	Simon Brendle	3	34/100

**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 2019: MATH UN3050**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3050	001/60796	M W 6:10pm - 7:25pm 417 Mathematics Building	Mikhail Smirnov	3	65/64

**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.

**Fall 2018: MATH UN3386**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3386	001/22857	T Th 11:40am - 12:55pm 520 Mathematics Building	Richard Hamilton	3	15/64

**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 2018: MATH UN3951**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3951	001/02944		Daniela De Silva	3	48/40

**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.

**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 2019: MATH GU4007**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4007	001/66181	T Th 11:40am - 12:55pm 520 Mathematics Building	Dorian Goldfeld	3	10/49

**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 2019: MATH GU4032**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4032	001/73851	T Th 10:10am - 11:25am	Peter Woit	3	13/49

417 Mathematics Building

**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 2018: MATH GU4041**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/15056	M W 2:40pm - 3:55pm 312 Mathematics Building	Robert Friedman	3	78/100

**Spring 2019: MATH GU4041**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/28424	M W 11:40am - 12:55pm 203 Mathematics Building	Gus Schrader	3	55/100

**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 2018: MATH GU4042**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/62437	M W 10:10am - 11:25am 207 Mathematics Building	Yihang Zhu	3	13/100

**Spring 2019: MATH GU4042**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/19981	M W 2:40pm - 3:55pm 312 Mathematics Building	Robert Friedman	3	42/100

**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 2018: MATH GU4043**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4043	001/76262	M W 11:40am - 12:55pm 520 Mathematics Building	Evan Warner	3	7/35



**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.

**Spring 2019: MATH GU4044**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4044	001/67298	M W 10:10am - 11:25am 417 Mathematics Building	Yihang Zhu	3	10/30

**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.

**Fall 2018: MATH GU4045**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4045	001/23348	M W 6:10pm - 7:25pm 520 Mathematics Building	Alexander Perry	3	8/30

**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 2018: MATH GU4051**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4051	001/01589	T Th 1:10pm - 2:25pm 417 Mathematics Building	Dusa McDuff	3	26/64

**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 2019: MATH GU4053**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4053	001/24645	T Th 2:40pm - 3:55pm	Akram Alishahi	3	14/80

312 Mathematics Building

**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 2018: MATH GU4061**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/62476	T Th 11:40am - 12:55pm 417 Mathematics Building	Bin Guo	3	25/64
MATH 4061	002/26578	M W 10:10am - 11:25am 520 Mathematics Building	Alexis Drouot	3	29/49

**Spring 2019: MATH GU4061**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/24581	M W 11:40am - 12:55pm 520 Mathematics Building	Hui Yu	3	36/49
MATH 4061	002/61614	M W 2:40pm - 3:55pm 417 Mathematics Building	Hui Yu	3	42/64

**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.

**Spring 2019: MATH GU4052**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4052	001/15003	M W 4:10pm - 5:25pm 407 Mathematics Building	Aliakbar Daemi	3	4/19

**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 2018: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/22106	M W 1:10pm - 2:25pm 417 Mathematics Building	Hui Yu	3	16/64

#### Spring 2019: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/69784	T Th 4:10pm - 5:25pm 203 Mathematics Building	Bin Guo	3	14/64

#### 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 2018: MATH GU4065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4065	001/14724	T Th 2:40pm - 3:55pm 407 Mathematics Building	Julien Dubedat	3	10/35

#### 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 Stoke's theorem.

#### Spring 2019: MATH GU4081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4081	001/76374	M W 1:10pm - 2:25pm 520 Mathematics Building	Mu-Tao Wang	3	12/49

#### 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 2019: MATH GU4155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4155	001/24672	T Th 1:10pm - 2:25pm 417 Mathematics Building	Julien Dubedat	3	23/64

#### MATH GU4391 Intro to Quantum Mechanics: An Introduction for Mathematicians and Physicists I. 3 points. Not offered during 2018-19 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 2018-19 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 2018: MATH GR5010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 5010	001/70828	M W 7:40pm - 8:55pm 207 Mathematics Building	Mikhail Smirnov	3	112/139

#### Spring 2019: MATH GR5010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 5010	001/75979	M W 7:40pm - 8:55pm 207 Mathematics Building	Mikhail Smirnov	3	122/150
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## OF RELATED INTEREST

### Computer Science

COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
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COMS W3251

COMS W4203	Graph Theory
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### Industrial Engineering and Operations Research

CSOR E4010	Graph Theory: A Combinatorial View
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# MEDIEVAL AND RENAISSANCE STUDIES

**Program Director:** Prof. Adam Kosto, 404 Fayerweather Hall, [ajkosto@columbia.edu](mailto:ajkosto@columbia.edu)

**Program Administrator:** To be announced, [medren@columbia.edu](mailto: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>

## 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.

## FALL 2018

**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.

### Fall 2018: MRST GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MRST 4201	001/86446	Th 9:00am - 11:00am Chang Rm Butler Library	Alison Beach	4	13/15



# 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](mailto:tm2421@columbia.edu)  
 (kk2918@columbia.edu)

## Language Coordinators:

*African Languages:* Mariame Sy, 408 Knox; 212-851-2439;  
[sms2168@columbia.edu](mailto:sms2168@columbia.edu)

*Arabic:* Taoufik Ben Amor, 308 Knox; 212-854-2985;  
[tb46@columbia.edu](mailto:tb46@columbia.edu)

*Armenian:* Charry Karamanoukian, 407 Knox; 212-851-4002;  
[ck2444@columbia.edu](mailto:ck2444@columbia.edu)

*Hebrew:* Naama Harel, 410 Knox Hall, 212-854-6668;  
[nh2508@columbia.edu](mailto:nh2508@columbia.edu)

*Hindi/Urdu:* Rakesh Ranjan, 409 Knox; 212-851-4107;  
[rr2574@columbia.edu](mailto:rr2574@columbia.edu)

*Persian:* Saeed Honarmand, 313 Knox; [sh3468@columbia.edu](mailto:sh3468@columbia.edu)

*Sanskrit:* Tyler Richard, 311 Knox; 212-854-1304;  
[tmr2151@columbia.edu](mailto:tmr2151@columbia.edu) ([gl2392@columbia.edu](mailto:gl2392@columbia.edu))

*Tamil:* Tyler Richard, 311 Knox; 212-854-1304;  
[tmr2151@columbia.edu](mailto:tmr2151@columbia.edu) ([dss2121@columbia.edu](mailto:dss2121@columbia.edu))

*Turkish:* Zuleyha Colak, 412 Knox; 212-854-0473;  
[zc2208@columbia.edu](mailto:zc2208@columbia.edu)

The undergraduate program in Middle Eastern, South Asian, and African studies (MESAAS) offers students the opportunity to study in depth the cultures, ideas, histories, and politics of several overlapping world regions. The program emphasizes a close engagement with intellectual traditions, creative movements, and political debates, drawing on a wide variety of historical and contemporary sources in literature, religion, political thought, law, the visual and performing arts, and new media. Courses also examine the historical and cultural contexts in which these traditions and debates have been produced.

## MAJORS AND CONCENTRATIONS

Majors develop two closely related skills. The first is linguistic expertise. A minimum of two years of course work in one language is required, and further work (including intensive summer language study) is greatly encouraged, because the aim is to study a cultural field through its own texts and discourses. The Department of Middle Eastern, South Asian, and African Studies offers courses in Arabic, Persian, 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  
 Jennifer Wenzel

## ASSISTANT PROFESSORS

Sarah bin Tyer  
 Mana Kia  
 Debashree Mukherjee  
 Elleni Centime Zeleke

## SENIOR LECTURERS

Taoufik Ben Amor  
 Abdul Nanji  
 Rakesh Ranjan

## LECTURERS

Ouijdane Absi  
 Aftab Ahmad  
 May Ahmar  
 Ibtisam Ammouri  
 Rym Bettaieb  
 Ihsan Colak  
 Zuleyha Colak  
 Reem Faraj  
 Illan Gonen  
 Jacqueline Habra  
 Naama Harel  
 Saeed Honarmand  
 Charry Karamanoukian

Yithak Lewis  
 Khatchig Mouradian  
 Youssef Nouhi  
 Michelle Quay  
 Dalpat Rajpurohit  
 Tyler Richard  
 Jishnu Shankar  
 Mariame Sy

## ON LEAVE

Profs. Busch, Dabashi, Lewis, Mukherjee, Nouhi, Pollock, Rajpurohit (*Fall 2018*); Faraj, Rajpurohit (*Spring 2019*)

## 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](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
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MDES UN3000	Theory and Culture
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Select two years of a language regularly taught in the department, or substitutional courses for students who test out of this requirement with the approval of the director of undergraduate studies

Select 15 points of coursework, which may include up to six points from other departments, selected in consultation with the director of undergraduate studies

### The MESAAS Major and its 'tracks'

Students majoring in MESAAS are studying the languages, and central cultural and political aspects of the societies of the Middle East, South Asia, and Africa, in past and present. This can be done either with a focus on one of these three regions, i.e. the 'African Studies', the 'South Asian Studies', or the 'Middle Eastern Studies' track, or a comparative perspective on them, the 'combined track'.

The coursework for each of those 'tracks' is composed of the same five elements: 1. an approved Introductory course; 2. a seminar on texts from the region; 3. 'Theory and Culture'; 4. five approved elective courses; 5. the regional language requirement.

Note that some MESAAS courses are already comparative by design and connect more than one region: for example, *Societies and Cultures Across the Indian Ocean*, or *Postcolonial Thought*,

or courses on Persianate culture that include North India, or Middle East courses that include North Africa. These may satisfy requirements for more than one track, subject to approval by the Director of Undergraduate Studies (DUS).

### African Studies

1. MDES UN3130 Major Debates in the Study of Africa or another approved introductory lecture course.
2. CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses on Africa, such as: South African Literature and Culture: Apartheid and After; East Africa and the Swahili Coast; or Pan Africanism (see the Courses page for more options). You may include up to two courses from other departments, in fields such as African history, politics, and philosophy, the anthropology of Africa, and African art, subject to the approval of the Director of Undergraduate Studies. For a listing of courses in other departments, see here (<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>). 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 2019: MDES UN1001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1001	001/67908	T Th 11:40am - 12:55pm 833 Seeley W. Mudd Building	Hamid Dabashi	4	83/120

### **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.

### **Fall 2018: ASCM UN2003**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2003	001/75279	T Th 11:40am - 12:55pm 310 Fayerweather	Nathanael Shelley	4	63/96

### **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 2019: ASCM UN2008**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2008	001/61229	M W 11:40am - 12:55pm 310 Fayerweather	Nathanael Shelley	4	64/90

### **MDES UN2030 Major Debates in the Study of Africa. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will focus on key debates that have shaped the study of Africa in the post-colonial African academy. We will cover seven



key debates: (1) Historiography; (2) Slavery and slave trades; (3) State Formation; (4) Colonialism; (5) Underdevelopment; (6) Nationalism and the anti-colonial struggle; (7) Political Identity and political violence in the post-colony. Partial Fulfillment of Global Core Requirement.

#### Fall 2018: MDES UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2030	001/26343	T Th 10:10am - 11:25am 330 River Side Church	Mahmood Mamdani	4	38/65

**ASCM UN2357 Introduction to Indian Civilization. 3 points.**  
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to Indian civilization with attention to both its unity and its diversity across the Indian subcontinent. Consideration of its origins, formative development, fundamental social institutions, religious thought and practice (Vedic, Buddhist, Jain, Hindu, Muslim, and Sikh), literary and artistic achievements, and modern challenges.

#### 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 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 2018: MDES UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3000	001/17836	M W 1:10pm - 2:25pm 313 Fayerweather	Gil Hochberg	4	56/80

#### MDES UN3001 Supervised Readings. 1-6 points.

Sign up for sections in the department.

#### Fall 2018: MDES UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3001	001/20184			1-6	2/20

**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 2018: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/71816	M 4:10pm - 6:00pm 414 Pupin Laboratories	Wael Hallaq	4	19/20
AHUM 1399	002/09452	W 2:10pm - 4:00pm 214 Milbank Hall	Nathanael Shelley	4	16/20

#### Spring 2019: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/07964	M 4:10pm - 6:00pm 101 Knox Hall	Elaine van Dalen	4	21/25

**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 2018: HSME UN2915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2915	001/27635	M W 11:40am - 12:55pm 337 Seeley W. Mudd Building	Mamadou Diouf	4	19/30

#### 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 2019: MDES UN3042**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3042	001/15718	T Th 2:40pm - 3:55pm 313 Fayerweather	Joseph Massad	4	15/60

**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.

**Spring 2019: MDES UN3121**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3121	001/68159	M W 2:40pm - 3:55pm 503 Hamilton Hall	Jennifer Wenzel	3	38/54

**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 2019: MDES UN3260**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3260	001/25694	M W 10:10am - 11:25am 313 Fayerweather	Timothy Mitchell	4	51/70

**MDES UN3445 Societies & Cultures Across the Indian Ocean. 3 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement  
Not offered during 2018-19 academic year.

The course is designed to introduce the Indian Ocean as a region linking the Middle East, East Africa, South and Southeast Asia. With a focus on both continuities and rupture from the medieval to the modern period, we study select cultures and societies brought into contact through interregional migration and travel over a broad arc of history. Different types of people - nobles, merchants, soldiers, statesmen, sailors, scholars, slaves - experienced mobility in different ways. How did different groups of people represent such mobilities? What kinds of cooperation, accommodation or conflict did different Indian Ocean encounters engender? Using an array of different primary sources, we look at particular case studies and their broader social and cultural contexts.

**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.

**HSME UN3810 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 G6999 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.

**HSME UN3916 Africa, Empire, and the 20th Century World. 3 points.**

This seminar offers students an opportunity to deepen their knowledge of African political thought and action during the first half of the twentieth century. It brings together readings from a range of disciplines, including history, colonial and postcolonial studies, women's studies, and literary studies as well as primary documents and novels to explore African intellectuals' engagement with European imperialism and international politics, and their positioning of Africa within the twentieth century world.

**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 2018: MDES UN3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3920	001/20646	W 4:10pm - 6:00pm 207 Knox Hall	Joseph Massad	3	8/24

**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.

**Spring 2019: CLME UN3928**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 3928	001/76842	Th 2:10pm - 4:00pm 207 Knox Hall	Muhsin Al-Musawi	3	24/25

**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 2018: MDES UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/20565	W 2:40pm - 3:55pm 208 Knox Hall	Timothy Mitchell	4	9/20

#### Spring 2019: MDES UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/23367	W 2:40pm - 3:55pm 208 Knox Hall	Timothy Mitchell	4	9/20

#### 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 2018-19 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 GU4057 Subaltern Studies and Problems of Historiography. 4 points.

The aim of this course will be two-fold: first to initiate a detailed study of the school of Indian history called Subaltern Studies which achieved immense attention and popularity starting from the 1980s; secondly, to study, through these writings, the epistemological problems of critical historical and social science scholarship. The discussions will be on two levels – every week there will be a reading from the subaltern studies history, but this would be linked to thinking about some specific theoretical issue, and the historiographic difficulties of investigating the history of social groups and actors who were conventionally kept outside mainstream histories. It will track the intellectual trajectory of subaltern studies intellectual work as it expanded, moving from histories of the peasantry, the working class, tribals, women, lower castes, subordinate nations, to raising larger theoretical and methodological questions about critiques of nationalist history, of European history and social science to the general question of knowledge about the modern world and the languages in which it should be examined. In the last section, we shall discuss if SS contains a promise of similar forms of critical knowledge in other parts of the world, and whether it can be used to examine the conceptual structures of modern social sciences in general.

#### Fall 2018: MDES GU4057

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4057	001/26282	T 4:00pm - 6:00pm 104 Knox Hall	Sudipta Kaviraj	4	5/20

#### 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.

**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 GU4150 Introduction to African Philosophy. 4 points.**  
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

In seminar discussions, we will be covering key readings in African Philosophy, following how this field of research and academic debate has emerged, progressed and become more sub-differentiated in the 20th and early 21st century. While the main task set here is to understand the essential readings of the debate about African philosophy as it has been led by academic African philosophers, in the second part of the semester, we will pick up in an interdisciplinary manner on open questions and fields for further research that have been identified. For instance, in addressing questions of how to approach (document, qualify, understand) traditions of oral and written philosophical discourse as part of long-standing regional (and trans-regional) intellectual histories, expressed in African languages, we involve knowledge in linguistics, history, anthropology and religion.

**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. Staunchly 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.

**Fall 2018: CLME GU4226**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4226	001/72475	W 2:10pm - 4:00pm 207 Knox Hall	Muhsin Al-Musawi	4	13/15

**CLME GU4227 The Islamic Context of the Arabian Nights since the Establishment of Baghdad. 4 points.**  
**Not offered during 2018-19 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 *hamed*, 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.

**Fall 2018: CLME GU4231**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4231	001/26028	Th 2:10pm - 4:00pm 207 Knox Hall	Muhsin Al-Musawi	4	12/18

**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.

**MDES GU4347 Origins of Armenian Art: Creating an Identity. 4 points.**

Organized around the Metropolitan Museum of Art's international loan exhibition *Armenia!* that will be held during the fall semester 2018, the course will be an interdisciplinary exploration of the creation of a sense of self-identity for the Armenian people through its material culture. Manuscript illuminations, liturgical objects, architectural sculpture, 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 terms of neighboring, or dominating, cultures and on the trade routes they established across the globe. Emphasis will be laid on the role of religion in Armenian self-identification. 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 exhibition and present an aspect of their research in class. Hands on experience with the Museum's works of art will allow consideration of means of manufacture as well as style and iconography.

**Fall 2018: MDES GU4347**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4347	001/23800	F 10:10am - 12:00pm Room TBA	Helen Evans	4	8/20

**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.

**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 2018-19 academic year.

Prerequisites: *ASCM V2003* or equivalent.

This seminar deals with three paradigmatic sets of questions in the history of Islamic law, each set representing and encompassing key themes pertaining to three important historical phases. Long-standing debates on the "origins" of the Shari'a will be explored, as will the constitution of the formative period, which is variably

claimed to stretch from two to four centuries. Scholarship on this period will be examined as ideology. In the second set of questions, squarely situated in the post-formative period (ca. 11th – 17th c.) we examine the relationship between and among social custom, juridical practice and formal legal doctrine, discussing in outline the structural mechanisms the Shari'a has developed to accommodate legal change. Scholarship on this period and on what the features of this period came to represent in the overall constructed history of the Shari'a will also be examined as ideology. In the third set of questions, we analyze so-called legal reform and the role of state in converting the Shari'a to a modern institution that is qualitatively different from its pre-modern predecessor. Scholarship on the Shari'a in the modern period will also be examined as ideology. Finally, but not necessarily at the end of the course, we will pose questions about the nature of interpretation and language in the construction of a paradigmatic idea (and history) of the Shari'a.

**CLME G4261 Popular Islam: Asia and Africa. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores common beliefs and practices that are held by Muslims across ethnicities and national borders. It looks at these not only from a Herder's perspective of a national-popular dynamic as a formative part in cultural capital, but also from a deep-rooted *Islamica* as an accumulated faith that got woven into local and indigenous cultures. Hence, it questions the whole idea of Islamic modernity, in its ethnic and national images, as a culmination of the encounter with Europe. It interrogates the premise as an elitist worldview that has overlooked the formation processes in the makeup of cultural and identitarian politics and poetics. Laying emphasis on the shared and common beliefs among the Muslim mass audience, it studies visitations, sites of intercession like shrines, amulets, encomiums to the Prophet, Sufi tales, *dhikr* recitations, dreams and their interpretation, divination, and many other common beliefs and practices that cut across modernity paradigms and binary structures. Through close analysis of these practices in texts, poetry, narrative, travelogue and memoirs, it argues that the bane of modernity is its subordination to a Western ideal that minimizes or even negates its engagement with Islamic and Arabic-writing tradition. The nation state and through codification processes and as led by the intelligentsia forged a social program that usually invalidates common practices and rural culture. Only after 1967, the unsettling experience of total bankruptcy, that intellectuals question the dichotomies of science versus religion and the myth of progress versus tradition. The rise of Islamic movements since the Iranian Revolution began to pose questions with respect to modernity and the viable means of economic and social welfare. New writings, forms and modes of expression take to the street where they find substance and faith that has been ignored for long under cultural dependency. Under the increasing role of social media and cyberspace, non-traditional forums, modes of expression and mediums gradually take over the right to speak for religion and disseminate its own languages that ironically converse with pre-modern venues and means of dialogue. These works receive due attention in relation to

theoretical studies that may help increase readers' critical insight.  
**No prior knowledge of Arabic language is required.**

**MDES 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.

**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 GU4601 Politics in India. 4 points.**

This course will combine study of long-term historical sociology with more short term understanding of policies and their possible effects. Though its main purpose will be to provide students with

an understanding of politics after independence, it will argue, methodologically, that this understanding should be based on a study of historical sociology – plotting long-term shifts in the structure of social power. The course will start with analyses of the structures of power and ideas about political legitimacy in pre-modern India, and the transformations brought by colonialism into that order. After a brief study of the nature of political order under the colonial state, the courses will focus primarily on the history of the democratic state after independence.

### **MDES 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 2019: MDES GU4654**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4654	001/15919	F 12:10pm - 2:00pm 208 Knox Hall	Mana Kia	4	16/20

### **CLME G4760 Shi'ites and Shi'ism. 4 points.** **Not offered during 2018-19 academic year.**

### **MDES GR6232 Islamic Law Through Texts. 4 points.**

Prerequisites: Proficiency in Arabic required.

This graduate seminar is conducted entirely in Arabic sources. We will read various passages from the Qur'an in order to highlight the Qur'an's moral imperatives about "living in" nature as well as about the generation of wealth and its distribution within the social order. We will then move on to examine the genre of *fiqh* (substantive law) with regard to the same themes, examining the moral structures of society in terms of the ethic of "spending." Themes such as "making money," building capital, charity, welfare, etc. will be examined in depth as constituting a system of checks-and-balances, through close readings of the concepts of *kasb*, *zakat*, *sadaqa*, *waqf*, etc.

#### **Fall 2018: MDES GR6232**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 6232	001/12615	T 4:10pm - 6:00pm 112 Knox Hall	Wael Hallaq	4	7/10

## **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 2018: MDES UN1210**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/76902	M T W Th 8:50am - 9:55am 114 Knox Hall	Jacqueline Habra	5	11/12
MDES 1210	002/60863	M T W Th 10:10am - 11:15am 345c Macy Hall	Jacqueline Habra	5	13/12
MDES 1210	003/17362	M T W Th 11:40am - 12:45pm C01 Knox Hall	Rym Bettaieb	5	13/12
MDES 1210	004/76901	M T W Th 2:40pm - 3:45pm 104 Knox Hall	Ibtisam Ammouri	5	12/12

#### **Spring 2019: MDES UN1210**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/66179	M T W Th 8:50am - 9:55am 253 Engineering Terrace	Ouijdane Absi	5	11/12
MDES 1210	002/22336	M T W Th 1:10pm - 2:15pm 103 Knox Hall	Ibtisam Ammouri	5	5/12

### **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 2018: MDES UN1211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/15388	M T W Th 10:10am - 11:15am 116 Knox Hall	Ouijdane Absi	5	13/12

#### **Spring 2019: MDES UN1211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/66900	M T W Th 8:50am - 9:55am 307 Pupin Laboratories	Jacqueline Habra	5	15/12
MDES 1211	002/21200	M T W Th 10:10am - 11:15am 307 Pupin Laboratories	Jacqueline Habra	5	17/12
MDES 1211	003/23868	M T W Th 11:40am - 12:45pm	Rym Bettaieb	5	9/12



MDES 1211	004/12527	A36 Union Theological Seminary	M T W Th 2:40pm - 3:45pm 116 Knox Hall	Ibtisam Ammouri	5	9/12

**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 2018: MDES GU4210**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4210	001/26410	M T W Th 11:40am - 12:45pm 103 Knox Hall	Reem Faraj	5	12/12

**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 2019: MDES GU4211**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4211	001/72327	M T W Th 11:40am - 12:45pm 318 River Side Church	Youssef Nouhi	5	6/12

**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.

**Fall 2018: MDES GU4214**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4214	001/77017	M W 12:10pm - 2:00pm 112 Knox Hall	Taoufik Ben-Amor	4	2/10

**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. Quadriliteral 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.

**Spring 2019: MDES GU4216**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4216	001/65944	M W 1:10pm - 2:25pm 101 Knox Hall	Taoufik Ben-Amor	4	10/15

**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.

**Fall 2018: MDES UN1301**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1301	001/17587	T Th 2:10pm - 4:00pm 311 Knox Hall	Charry Karamanoukian	4	3/15

**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.

**Fall 2018: MDES UN1309**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1309	001/16294	M W 2:10pm - 4:00pm 311 Knox Hall	Charry Karamanoukian	4	0/15

**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 2018: MDES UN2301**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2301	001/77679	M W 4:10pm - 6:00pm 311 Knox Hall	Charry Karamanoukian	4	1/12

**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 2018: MDES UN1501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1501	001/64661	M T W Th 10:10am - 11:15am 262 Macy Hall	Illan Gonen	5	16/12
MDES 1501	002/10113	M T W Th 11:40am - 12:45pm 262 Macy Hall	Illan Gonen	5	11/12

**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 2018: MDES UN2501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2501	001/22344	M T W Th 11:40am - 12:45pm 104 Knox Hall	Roni Henig	5	9/12
MDES 2501	002/12186	M T W Th 1:10pm - 2:15pm 104 Knox Hall	Roni Henig	5	12/12

**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 2018: MDES UN2517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2517	001/73831	T 10:10am - 11:25am 452 Grace Dodge Hall (Tc)	Roni Henig	4	16/15
MDES 2517	001/73831	Th 10:10am - 11:25am 106b Lewisohn Hall	Roni Henig	4	16/15
MDES 2517	001/73831	M 10:10am - 11:25am 308a Lewisohn Hall	Roni Henig	4	16/15

#### 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 2018: MDES GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4501	001/25267	M W 12:10pm - 2:00pm 114 Knox Hall	Naama Harel	4	14/15

#### 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 2018: MDES GU4510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4510	001/66270	M W 10:10am - 12:00pm 114 Knox Hall	Naama Harel	4	16/15

## 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 2018: MDES UN1701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1701	001/18844	W Th 9:10am - 10:00am 104 Knox Hall	Michelle Quay	4	12/15
MDES 1701	001/18844	M 9:10am - 10:00am 207 Knox Hall	Michelle Quay	4	12/15
MDES 1701	001/18844	T 9:10am - 10:00am 418 Knox Hall	Michelle Quay	4	12/15
MDES 1701	002/61251	M W 10:10am - 11:00am 207 Knox Hall	Michelle Quay	4	7/20
MDES 1701	002/61251	T Th 10:10am - 11:00am 418 Knox Hall	Michelle Quay	4	7/20

#### 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 2018: MDES UN2701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2701	001/75387	M W 10:10am - 12:00pm 101 Knox Hall	Saeed Honarmand	4	7/15
MDES 2701	002/72198	T Th 2:10pm - 4:00pm C01 Knox Hall	Michelle Quay	4	8/15

#### 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 2018: MDES GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4710	001/62038	M W 12:10pm - 2:00pm 116 Knox Hall	Saeed Honarmand	3	4/12

## TURKISH LANGUAGE COURSES

### MDES UN1911 Elementary Modern Turkish II. 4 points.

As of academic year 2016-17, this course is now MDES 1902. An introduction to the written and spoken language of Turkey. No P/D/F or R credit is allowed for this class.

### MDES UN1913 Intermediate Modern Turkish II. 4 points.

As of academic year 2016-17, this course is now MDES 2902. 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.

### MDES UN2901 Intermediate Modern Turkish I. 5 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 2018: MDES UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2901	001/18554	M T W Th 10:10am - 11:00am 513 Knox Hall	Ihsan Colak	5	4/15

### MDES UN2902 Intermediate Modern Turkish II. 5 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 2019: MDES UN2902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2902	001/27618	M T W Th 10:10am - 11:00am 408 Hamilton Hall	Ihsan Colak	5	5/15

### 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 2018: MDES GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4910	001/71128	T Th 11:40am - 12:55pm 313 Knox Hall	Zuleyha Colak	3	3/10

### 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 2018: MDES GU4921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4921	001/69264	M W 11:40am - 12:55pm 513 Knox Hall	Ihsan Colak	3	4/15

### 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.

#### Fall 2018: MDES GU4926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4926	001/78347	M W 11:40am - 12:55pm 313 Knox Hall	Zuleyha Colak	3	3/15

## HINDI-URDU LANGUAGE COURSES

### 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 2018: MDES UN1608

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1608	001/14556	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 2018: MDES UN1614

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1614	001/14011	M T W Th 2:40pm - 3:45pm 103 Knox Hall	Aftab Ahmad	5	15/17

#### 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 2018: MDES UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1601	001/60905	M T W Th 11:40am - 12:45pm A36 Union Theological Seminary	Jishnu Shankar	5	4/15
MDES 1601	002/64475	M T W Th 2:40pm - 3:45pm 114 Knox Hall	Jishnu Shankar	5	6/15
MDES 1601	003/27218	M T W Th 4:10pm - 5:15pm 114 Knox Hall	Aftab Ahmad	5	5/15

#### 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 2019: MDES UN1615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1615	001/19606	M T W Th 2:40pm - 3:45pm 101 Knox Hall	Aftab Ahmad	5	15/15

#### 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 2018: MDES UN2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2601	001/18670	M T W Th 4:10pm - 5:15pm 101 Knox Hall	Rakesh Ranjan	5	9/15

#### 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 2019: MDES UN2602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2602	001/27305	M T W Th 4:10pm - 5:15pm C01 Knox Hall	Rakesh Ranjan	5	9/15

#### 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.

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Eligibility: The class is open to undergraduate and graduate students with two or more years of Hindi- Urdu (or permission of the instructor).

#### Spring 2019: MDES GU4611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4611	001/70023	T Th 2:10pm - 4:00pm 112 Knox Hall	Allison Busch	4	6/15

#### 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 2018: MDES GU4624

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4624	001/24116	M 4:10pm - 6:00pm 606 Lewisohn Hall	Jishnu Shankar	5	6/15
MDES 4624	001/24116	T 6:10pm - 8:00pm 112 Knox Hall	Jishnu Shankar	5	6/15

#### 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.

#### MDES GU4635 Readings In Urdu Literature I. 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.

#### Fall 2018: MDES GU4635

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 4635	001/18100	T Th 6:10pm - 8:00pm 116 Knox Hall	Aftab Ahmad	4	5/15
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#### 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 2019: MDES GU4636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4636	001/74977	T Th 6:10pm - 8:00pm 116 Knox Hall	Aftab Ahmad	4	10/15

## SANSKRIT LANGUAGE COURSES

#### MDES UN1401 Elementary Sanskrit I. 4 points.

Fee: Materials Fee - 10.00

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 2018: MDES UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1401	001/29931	M T W Th 9:10am - 10:00am 101 Knox Hall	Tyler Richard	4	8/20

#### 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 2018: MDES UN2401**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2401	001/23074	M W 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 2018: MDES GU4810**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4810	001/69864	Th 12:00pm - 1:50pm 418 Knox Hall	Nabanjan Maitra	4	4/15
MDES 4810	001/69864	T 2:10pm - 4:00pm 418 Knox Hall	Nabanjan Maitra	4	4/15

**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 2019: MDES GU4812**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4812	001/14716	T Th 2:10pm - 4:00pm 418 Knox Hall	Nabanjan Maitra	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.

**Fall 2018: MDES UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1101	001/93550	M T W Th 1:10pm - 2:00pm 352c International Affairs Bldg	Tyler Richard	4	2/15

**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.

**Spring 2019: MDES UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1102	001/17552	M T W Th 1:10pm - 2:00pm 352c International Affairs Bldg	Tyler Richard	4	3/12

**MDES UN2101 Intermediate Tamil I. 4 points.**

Prerequisites: *MDES W1101-W1102* or the instructor's permission.

Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

**MDES UN2102 Intermediate Tamil II. 4 points.**

Prerequisites: *MDES W1101-W1102* or the instructor's permission.

Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

**MDES 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.

## PULAAR 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 2018: SWHL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1101	001/72524	M T W Th 9:10am - 10:00am 308a Lewisohn Hall	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 2019: SWHL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1102	001/16086	M T W Th 9:10am - 10:00am 254 International Affairs Bldg	Abdul Nanji	4	10/15

### 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 2018: SWHL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 2101	001/64506	M W 10:10am - 11:00am 253 Engineering Terrace	Abdul Nanji	4	8/15
SWHL 2101	001/64506	T Th 10:10am - 11:00am A36 Union Theological Seminary	Abdul Nanji	4	8/15

## 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 2018: WLOF UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WLOF 1101	001/60285	M T W Th 12:10pm - 1:00pm 352c International Affairs Bldg	Mariame Sy	4	4/15
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### 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 2018: WLOF UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 2101	001/70739	M W 2:10pm - 4:00pm 352c International Affairs Bldg	Mariame Sy	4	6/15

### 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 2018: WLOF UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 3301	001/23962	T Th 10:10am - 12:00pm 351c International Affairs Bldg	Mariame Sy	4	1/15

## OF RELATED INTEREST

History (Barnard)



# MUSIC

**Departmental Office:** 621 Dodge; 212-854-3825  
<http://www.music.columbia.edu/>

**Director of Undergraduate Studies:** Prof. Aaron Fox, 804 Dodge; 212-854-7185; [aaf19@columbia.edu](mailto:aaf19@columbia.edu)

**Music Humanities Chair:** Prof. Elaine Sisman, 604 Dodge; 212-854-7728; [es53@columbia.edu](mailto:es53@columbia.edu)

**Music Performance Program Director:** Prof. Magdalena Stern-Baczewska, 618A Dodge; 212-854-2348; [mb3713@columbia.edu](mailto: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 Prof. 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](mailto: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* – Evelyn DeGraf, *Director*  
 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://mpp.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  
Alfred Lerdahl  
George Lewis  
Ana Maria Ochoa  
Elaine Sisman

## ASSOCIATE PROFESSORS

Aaron Fox  
Christopher Washburne

## ASSISTANT PROFESSORS

Alessandra Ciucci  
Zosha Di Castrì  
Julia Doe  
Kevin A. Fellezs  
Mariusz Kozak  
Benjamin Steege

## COORDINATOR OF MUSICIANSHIP

Peter Susser

## LECTURERS

Deborah Bradley  
Taylor Brook  
Ehichung Rachel Chung  
Cesar Colon-Montijo  
Thomas Fogg

Theodore Gordon  
Anne Levitsky  
Jeffrey Milarsky  
Matthew Ricketts  
Alexander Rothe  
Maeve Sterbenz  
Magdalena Stern-Baczewska  
Peter Susser  
Lucie Vagnerova  
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

Deborah Bradley-Kramer (2018-19)

Alessandra Ciucci (2018-19)

Julia Doe (2018-19)

Zosha Di Castri (2018-19)

Joseph Dubiel (2018-19)

Bradford Garton (2018-19)

Mariusz Kozak (Fall 2018)

Alfred Lerdahl (Fall 2018)

Elaine Sisman (Fall 2018)

## GUIDELINES FOR ALL MUSIC MAJORS AND CONCENTRATORS

A program of study should be planned with the director of undergraduate studies in the first semester of the sophomore year. Students planning to focus on a particular area (e.g., computer music, composition, ethnomusicology, music theory, or music history) may wish to select a faculty adviser in that area.

### Prerequisites

Prospective music majors and concentrators are advised to satisfy the following prerequisites as early as possible: MUSI UN1002 Fundamentals of Music and MUSI UN1312 Introductory Ear Training. These requirements may be fulfilled either through successful completion of the courses or through satisfactory performance on exemption exams administered at the beginning of each semester by the department.

### 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 two terms of *MUSI UN1518 Keyboard Harmony and Musicianship* for 1 point each term.

### Language Recommendations

For students who plan to do graduate work in music, studying German, French, Italian, and/or Latin is recommended.

## MAJOR IN MUSIC

Please read *Guidelines for all Music Majors and Concentrators* (p. 624) above.

The major in music requires a minimum of 40 points, including the following courses:

MUSI UN2318	Music Theory I
- MUSI UN2319	and Music Theory II

MUSI UN3321	Music Theory III
- MUSI UN3322	and Music Theory IV

Select four terms of ear training from the following:

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
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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
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Select at least two 3000- or 4000-level electives.

The remaining points are to be earned through 2000-, 3000-, or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses
2. No more than 4 points of instrumental or vocal lessons or participation for a letter grade in these courses:

MPP UN1401	Bassoon Instruction
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MPP UN1403	Cello Instruction
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MPP UN1405	Clarinet Instruction
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MPP UN1407	Classical Saxophone Instruction
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MPP UN1409	Flute Instruction
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MPP UN1411	French Horn Instruction
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MPP UN1413	Guitar (Bluegrass) Instruction
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MPP UN1415	Guitar (Classical) Instruction
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MPP UN1417	Harp Instruction
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MPP UN1419	Oboe Instruction
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MPP UN1421	Organ Instruction
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MPP UN1423	Percussion Instruction
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MPP UN1425	Piano Instruction
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MPP UN1427	String Bass Instruction
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MPP UN1429	Trombone Instruction
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MPP UN1431	Trumpet Instruction
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MPP UN1433	Tuba Instruction
------------	------------------

MPP UN1435	Viola Instruction
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MPP UN1437	Violin Instruction
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MPP UN1439	Early Instruments: Harpsichord
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MPP UN1441	Early Instruments: Viola da Gamba
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MPP UN1443	Jazz Bass Instruction
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MPP UN1445	Jazz Bass (Electric) Instruction
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MPP UN1447	Jazz Guitar (Electric) Instruction
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MPP UN1449	Jazz Orchestration
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MPP UN1451	Jazz Percussion Instruction
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MPP UN1453	Jazz Piano Instruction
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MPP UN1455	Jazz Saxophone Instruction
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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

3. *Two terms of MUSI UN1518 Keyboard Harmony and Musicianship*, when necessary, count against the 4-point maximum in performance before any other lessons

## CONCENTRATION IN MUSIC

Please read *Guidelines for all Music Majors and Concentrators* (p. 624) above. All concentrators must consult the director of undergraduate studies each term before registering.

The concentration in music requires a minimum of 28 points, including the following courses:

MUSI UN2318	Music Theory I
- MUSI UN2319	and Music Theory II
MUSI UN3321	Music Theory III
- MUSI UN3322	and Music Theory IV
Select four terms of ear training from the following:	
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 GU4319	and Ear-Training VI (if offered)
MUSI UN3128	History of Western Music I: Middle Ages To Baroque
- MUSI UN3129	and History of Western Music II: Classical To the 20th Century
MUSI UN3400	Topics in Music and Society

Select at least one additional course at the 3000- or 4000-level.

No more than 4 points of instrumental or vocal lessons or participation for a letter grade in these courses:

MUSI UN1518	Keyboard Harmony and Musicianship (two terms *)
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

\* When necessary, count against the 4-point maximum in performance before any other lessons

## SPECIAL CONCENTRATION IN JAZZ STUDIES

Students interested in a special concentration in jazz studies should see *Jazz Studies*.

### FALL 2018

#### MUSI UN1002 Fundamentals of Music. 3 points.

Corequisites: MUSI UN1312

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 2018: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/66964	M W 4:10pm - 5:25pm 814 Dodge Building	Marc Hannaford	3	12/30
MUSI 1002	002/26846	T Th 10:10am - 11:25am 814 Dodge Building	Toru Momii	3	7/30

#### Spring 2019: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/73847	M W 4:10pm - 5:25pm	Mark Saccomano	3	18/25



MUSI 1002 002/28216	622 Dodge Building					HUMA 1123	020/20423	T Th 10:10am - 11:25am	Joshua Navon	3	25/25
	T Th 10:10am - 11:25am	Katherine Balch	3	13/25		HUMA 1123	021/11714	T Th 10:10am - 11:25am	Lucie Vagnerova	3	25/25
	814 Dodge Building					HUMA 1123	022/19551	T Th 10:10am - 11:25am	Sean Colonna	3	25/25

### HUMA UN1123 Masterpieces of Western Music. 3 points.

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

#### Fall 2018: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
HUMA 1123	001/22519	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	23/25	HUMA 1123	026/17157	T Th 2:40pm - 3:55pm 405 Dodge Building	Magdalena Baczevska	3	25/25
HUMA 1123	002/75893	M W 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	23/25	HUMA 1123	027/61926	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Joshua Mailman	3	19/25
HUMA 1123	003/74216	M W 8:40am - 9:55am 622 Dodge Building	Laura Weber	3	22/25	HUMA 1123	028/62989	T Th 4:10pm - 5:25pm 404 Dodge Building	Ryan Pratt	3	25/25
HUMA 1123	004/13874	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25	HUMA 1123	029/27993	T Th 4:10pm - 5:25pm 405 Dodge Building	Cesar Colon-Montijo	3	25/25
HUMA 1123	005/71943	M W 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	24/25	HUMA 1123	030/24448	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Thomas Fogg	3	21/25
HUMA 1123	006/28847	M W 10:10am - 11:25am 716 Hamilton Hall	Alexander Rothe	3	24/25	HUMA 1123	031/26319	T Th 6:10pm - 7:25pm 404 Dodge Building	Mahir Cetiz	3	24/25
HUMA 1123	007/71132	M W 1:10pm - 2:25pm 622 Dodge Building	Jane Forner	3	24/25	HUMA 1123	032/75352	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Thomas Fogg	3	19/25
HUMA 1123	008/19271	M W 1:10pm - 2:25pm 716 Hamilton Hall	Alexander Rothe	3	24/25	<b>Spring 2019: HUMA UN1123</b>					
HUMA 1123	009/68309	M W 2:40pm - 3:55pm 404 Dodge Building	Madeleine Turner	3	25/25	HUMA 1123	001/19031	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	010/10525	M W 2:40pm - 3:55pm 405 Dodge Building	Sonja Wermager	3	25/25	HUMA 1123	002/67035	M W 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	25/25
HUMA 1123	011/19461	M W 2:40pm - 3:55pm 716 Hamilton Hall	Paula Harper	3	25/25	HUMA 1123	003/77022	M W 8:40am - 9:55am 622 Dodge Building	Laura Weber	3	20/25
HUMA 1123	012/72146	M W 4:10pm - 5:25pm 404 Dodge Building	Marilyn McCoy	3	23/25	HUMA 1123	004/21911	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	23/25
HUMA 1123	014/60704	M W 4:10pm - 5:25pm 716 Hamilton Hall	Theodore Gordon	3	23/25	HUMA 1123	005/71321	M W 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	25/25
HUMA 1123	015/17041	M W 6:10pm - 7:25pm 404 Dodge Building	Ralph Whyte	3	25/25	HUMA 1123	006/68404	M W 10:10am - 11:25am 716 Hamilton Hall	Alexander Rothe	3	24/25
HUMA 1123	016/24748	M W 6:10pm - 7:25pm 405 Dodge Building	Yun Wang	3	22/25	HUMA 1123	007/20308	M W 1:10pm - 2:25pm 622 Dodge Building	Cesar Colon-Montijo	3	25/25
HUMA 1123	017/17938	M W 6:10pm - 7:25pm 716 Hamilton Hall	Mike Ford	3	11/25	HUMA 1123	008/60900	M W 1:10pm - 2:25pm 716 Hamilton Hall	Alexander Rothe	3	23/25
HUMA 1123	018/76517	T Th 8:40am - 9:55am 405 Dodge Building	Lucie Vagnerova	3	25/25	HUMA 1123	009/22229	M W 2:40pm - 3:55pm 404 Dodge Building	Madeleine Turner	3	21/25
HUMA 1123	019/66781	T Th 8:40am - 9:55am 622 Dodge Building	Anne Levitsky	3	19/25	HUMA 1123	010/26617	M W 2:40pm - 3:55pm 405 Dodge Building	Joshua Navon	3	24/25

HUMA 1123	011/27800	M W 2:40pm - 3:55pm 716 Hamilton Hall	Paula Harper	3	24/25
HUMA 1123	012/22758	M W 4:10pm - 5:25pm 404 Dodge Building	Thomas Fogg	3	24/25
HUMA 1123	013/20108	M W 4:10pm - 5:25pm 405 Dodge Building	Jonathan Ligrani	3	25/25
HUMA 1123	014/15640	M W 4:10pm - 5:25pm 716 Hamilton Hall	Theodore Gordon	3	24/25
HUMA 1123	015/29691	M W 6:10pm - 7:25pm 404 Dodge Building	Thomas Fogg	3	22/25
HUMA 1123	016/16370	M W 6:10pm - 7:25pm 405 Dodge Building	Audrey Amsellem	3	22/25
HUMA 1123	017/16778	M W 6:10pm - 7:25pm 716 Hamilton Hall	Joshua Mailman	3	13/25
HUMA 1123	018/25000	T Th 8:40am - 9:55am 405 Dodge Building	Jane Forner	3	24/25
HUMA 1123	019/64666	T Th 8:40am - 9:55am 622 Dodge Building	Ashkan Behzadi	3	25/25
HUMA 1123	020/25789	T Th 10:10am - 11:25am 404 Dodge Building	Marilyn McCoy	3	23/25
HUMA 1123	021/16824	T Th 10:10am - 11:25am 405 Dodge Building	Sean Colonna	3	25/25
HUMA 1123	022/21219	T Th 10:10am - 11:25am 716 Hamilton Hall	Sonja Wermager	3	25/25
HUMA 1123	023/72537	T Th 1:10pm - 2:25pm 404 Dodge Building	John McWhorter	3	24/25
HUMA 1123	024/28735	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Robb	3	24/25
HUMA 1123	025/65986	T Th 2:40pm - 3:55pm 404 Dodge Building	Mahir Cetiz	3	24/25
HUMA 1123	026/27892	T Th 2:40pm - 3:55pm 405 Dodge Building	Magdalena Baczeska	3	25/25
HUMA 1123	027/10233	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Mike Ford	3	15/25
HUMA 1123	028/69233	T Th 4:10pm - 5:25pm 404 Dodge Building	Lucie Vagnerova	3	24/25
HUMA 1123	029/70107	T Th 4:10pm - 5:25pm 405 Dodge Building	Giuseppe Gerbino	3	25/25
HUMA 1123	030/74952	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Anne Levitsky	3	25/25
HUMA 1123	031/77681	T Th 6:10pm - 7:25pm 404 Dodge Building	Lucie Vagnerova	3	24/25
HUMA 1123	032/80942	T Th 6:10pm - 7:25pm 405 Dodge Building	Ryan Pratt	3	25/25

### MUSI UN1312 Introductory Ear Training. *1 point.* Lab Required

A student may place into a higher level of this course by passing an examination given on the first day of the class. V1312 is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfege recitation, and sight-singing simple melodies.

#### Fall 2018: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/19414	M W 12:10pm - 1:00pm 404 Dodge Building	Eric Martin	1	5/12
MUSI 1312	002/63698	T Th 3:10pm - 4:00pm 620 Dodge Building	Peter Susser	1	11/12

#### Spring 2019: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/13649	M W 12:10pm - 1:00pm 404 Dodge Building	Martha Sullivan	1	7/12
MUSI 1312	002/10120	T Th 3:10pm - 4:00pm 620 Dodge Building	Peter Susser	1	12/12

### MUSI UN2020 Salsa, Soca, and Reggae: Popular Musics of the Caribbean. *3 points.*

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A survey of the major syncretic urban popular music styles of the Caribbean, exploring their origins, development, and sociocultural context.

#### Fall 2018: MUSI UN2020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2020	001/21269	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Christopher Washburne	3	388/400

### 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 2018: MUSI UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2030	001/19275	M W 11:40am - 12:55pm 814 Dodge Building	Tina Fruehauf	3	15/40

#### 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 2018: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/72346	T Th 1:10pm - 2:25pm 320h Prentis Hall	David Bird	3	14/16

#### Spring 2019: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/63645	T Th 1:10pm - 2:25pm 320h Prentis Hall	David Bird	3	18/18

#### 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 2018: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/70500	M W 12:10pm - 1:00pm 405 Dodge Building	Rowland Moseley	1	9/12
MUSI 2314	002/20189	T Th 3:10pm - 4:00pm 803 Dodge Building	Ramin Amir Arjomand	1	9/12

#### Spring 2019: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/71582	M W 12:10pm - 1:00pm 405 Dodge Building	Richard Miller	1	13/12
MUSI 2314	002/77322	T Th 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	8/12
MUSI 2314	003/69272	M W 12:10pm - 1:00pm 814 Dodge Building	Rowland Moseley	1	11/12

#### 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 2018: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/17383	M W 3:10pm - 4:00pm 814 Dodge Building	Mahir Cetiz	1	5/12
MUSI 2315	002/62794	T Th 12:10pm - 1:00pm 814 Dodge Building	Richard Miller	1	6/12

#### Spring 2019: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/11250	M W 3:10pm - 4:00pm 814 Dodge Building	Barami Waspe	1	4/12
MUSI 2315	002/20378	T Th 12:10pm - 1:00pm 814 Dodge Building	Peter Susser	1	12/12

#### MUSI UN2318 Music Theory I. **3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART)., Lab Required

Prerequisites: *MUSI V1002* or the equivalent, as well as placement exam administered in the first class meeting every semester the course is offered. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint I.)

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term.

#### Fall 2018: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/28690	M W 1:10pm - 2:25pm 404 Dodge Building	Maeve Sterbenz	3	7/16
MUSI 2318	002/76810	T Th 1:10pm - 2:25pm 620 Dodge Building	Maeve Sterbenz	3	7/16

#### Spring 2019: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/25621	M W 1:10pm - 2:25pm 404 Dodge Building	Benjamin Steege	3	13/18

#### MUSI UN2319 Music Theory II. **3 points.**

Prerequisites: *MUSI V2318*.

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Elementary analysis and composition in a variety of tonal idioms. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint II.)

**Fall 2018: MUSI UN2319**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/23272	M W 1:10pm - 2:25pm 405 Dodge Building	Benjamin Steege	3	15/16

**Spring 2019: MUSI UN2319**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/63257	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	8/18
MUSI 2319	002/72056	T Th 1:10pm - 2:25pm 622 Dodge Building	Galen DeGraf	3	3/18

**MUSI UN3128 History of Western Music I: Middle Ages To Baroque. 3 points.**

Prerequisites: *MUSI V2318-V2319*. 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 2018: MUSI UN3128**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3128	001/11512	T Th 2:40pm - 3:55pm 622 Dodge Building	Anne Levitsky	3	20/35

**MUSI UN3168 The American Musical. 3 points.**

Prerequisites: reading ability of music and some theoretical knowledge is required.

Musical theater is one of America's most vital and important art form. Several of its major creators studied at Columbia, including Richard Rodgers, Lorenz Hart, Oscar Hammerstein II, John Kander, and Fred Ebb. This course will present a historical survey of American musical theater from its origins in late nineteenth-century; through the musicals of figures like Kern, Gershwin, and Rodgers & Hammerstein; through Sondheim and the "megamusical" of Lloyd Webber. Focus will be on selected shows, through which broader cultural and musical trends will be examined.

**Fall 2018: MUSI UN3168**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3168	001/12790	M W 2:40pm - 3:55pm 622 Dodge Building	Walter Frisch	3	30/30

**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 2019: MUSI UN3129**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3129	001/15740	T Th 2:40pm - 3:55pm 622 Dodge Building	Elaine Sisman	3	22/30

**MUSI UN3171 Paris for Romanticism. 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.

**MUSI UN3241 Projects in Composition I. 3 points.**

Composition Faculty

Prerequisites: *MUSI V3310* or the instructor's permission. Composition in more extended forms. Survey of advanced techniques of contemporary composition. (Previously called Advanced Composition.)

**Fall 2018: MUSI UN3241**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3241	001/70644	M W 1:10pm - 2:25pm 620 Dodge Building	George Lewis	3	10/15

**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 2018: MUSI UN3316**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/69082	M W 12:10pm - 1:00pm 716 Hamilton Hall	Richard Miller	1	11/12
MUSI 3316	002/12066	T Th 3:10pm - 4:00pm 814 Dodge Building	Barami Waspe	1	6/12

**Spring 2019: MUSI UN3316**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/70141	M W 12:10pm - 1:00pm 620 Dodge Building	Michael Joviala	1	8/12
MUSI 3316	002/21492	T Th 3:10pm - 4:00pm 814 Dodge Building	Ramin Amir Arjomand	1	6/12



**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 2018: MUSI UN3317**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/11487	M W 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	3/12
MUSI 3317	002/65400	T Th 4:10pm - 5:00pm 622 Dodge Building	Ramin Amir Arjomand	1	2/12

**Spring 2019: MUSI UN3317**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/24112	M W 3:10pm - 4:00pm 803 Dodge Building	Michael Joviala	1	10/12
MUSI 3317	002/75894	T Th 4:10pm - 5:00pm 622 Dodge Building	Ramin Amir Arjomand	1	5/12

**MUSI UN3321 Music Theory III. 3 points.**

Lab Required

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Corequisites: one course from Ear-training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Intermediate analysis and composition in a variety of tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint I.)

**Fall 2018: MUSI UN3321**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/75268	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	9/16

**Spring 2019: MUSI UN3321**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/27500	M W 1:10pm - 2:25pm 620 Dodge Building	Rowland Moseley	3	12/18

**MUSI UN3322 Music Theory IV. 3 points.**

Prerequisites: *MUSI V3321*.

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint II.) A one-hour weekly lab is required, to be scheduled at the beginning of the term.

**Fall 2018: MUSI UN3322**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 3322	001/74728	T Th 1:10pm - 2:25pm 622 Dodge Building	Rowland Moseley	3	10/16
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**Spring 2019: MUSI UN3322**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/22607	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	11/18

**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 2018: MUSI UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3995	001/65627		Benjamin Steege	3	0/1
MUSI 3995	005/68891		Kevin Fellezs	3	0/1
MUSI 3995	006/23830		Aaron Fox	3	1/1
MUSI 3995	007/18062		Walter Frisch	3	0/1
MUSI 3995	009/77075		Giuseppe Gerbino	3	0/1
MUSI 3995	010/23295		Georg Friedrich Haas	3	0/1
MUSI 3995	011/14562		Ellie Hisama	3	0/1
MUSI 3995	012/60678		George Lewis	3	1/1
MUSI 3995	013/17789		Ana Maria Ochoa	3	0/1
MUSI 3995	015/66496		Christopher Washburne	3	0/1
MUSI 3995	016/18628		Magdalena Baczkowska	3	0/1
MUSI 3995	018/76608		Jeffrey Milarsky	3	0/1
MUSI 3995	020/18633		Peter Susser	3	0/1

**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 2018: MUSI UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3998	001/27550		Benjamin Steege	3	0/1
MUSI 3998	005/27733		Kevin Fellezs	3	0/1
MUSI 3998	006/26380		Aaron Fox	3	4/5
MUSI 3998	007/28954		Walter Frisch	3	0/1

MUSI 3998 009/74833	Giuseppe Gerbino	3	0/1
MUSI 3998 010/17036	Georg Friedrich Haas	3	0/1
MUSI 3998 011/61031	Ellie Hisama	3	0/1
MUSI 3998 012/13203	George Lewis	3	0/1
MUSI 3998 013/19098	Ana Maria Ochoa	3	0/1
MUSI 3998 015/67785	Christopher Washburne	3	0/1
MUSI 3998 016/20248	Magdalena Baczewska	3	0/1
MUSI 3998 018/13682	Jeffrey Milarsky	3	0/1
MUSI 3998 020/22935	Peter Susser	3	0/1

**MUSI GU4318 Ear Training, V. 1 point.**

Advanced dictation, sight singing, and musicianship, with emphasis on 20th-century music.

**Fall 2018: MUSI GU4318**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4318	001/26708	M W 12:10pm - 1:00pm 622 Dodge Building	Peter Susser	1	5/12

**MUSI GU4500 Jazz Transcription and Analysis. 3 points.**

Prerequisites: the instructor's permission.

A progressive course in transcribing, proceeding from single lines to full scale sections and ensembles. Stylistic analysis based on new and previously published transcriptions.

**Fall 2018: MUSI GU4500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4500	001/22362	Th 10:10am - 12:00pm 620 Dodge Building	Christopher Washburne	3	16/20

**MUSI GU4153 Bach: St. Matthew Passion. 3 points.**

J. S. Bach's St. Matthew Passion as a starting point for the study of early eighteenth-century music. Topics

will include the work's text sources and libretto construction; musical sources and transmission; dating

and parody; the context of Bach's passion repertoire; performing forces; the liturgical context; theological

and musical issues; ritornello forms and analytical issues; Felix Mendelssohn's performances; the history

of the passion's critical interpretation; and the work's reception, modern performance and recorded

legacy.

**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 2018: MUSI GU4525**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4525	001/61713	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3	3/15

**MUSI GU4540 Histories of Post-1960's Jazz. 3 points.**

Prerequisites: *HUMA W1123* or the equivalent.

Historiographical issues surrounding the performance of jazz and improvised musics after 1960. Topics include genre and canon formation, gender, race, and cultural nationalisms, economics and infrastructure, debates around art and the vernacular, globalization, and media reception. Reading knowledge of music is not required.

**MUSI UN1595 Barnard-Columbia Chamber Singers. 1 point.**

May be taken for Pass credit only.

Prerequisites: auditions by appointment made at first meeting. Contact Barnard College, Department of Music (854-5096). Membership in the chorus is open to all men and women in the University community. The chorus gives several public concerts each season, both on and off campus, often with other performing organizations. Sight-singing sessions offered. The repertoire includes works from all periods of music literature.

**Fall 2018: MUSI UN1595**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1595	001/07745	T Th 8:00pm - 9:30pm 405 Milbank Hall	Gail Archer	1	10

**MUSI UN2023 Beethoven. 3 points.**

Prerequisites: *HUMA UN1123* or the equivalent.

A study of the life and works of Ludwig van Beethoven, with emphasis on selected symphonies, string quartets, and piano sonatas. Also consider the changing nature of the critical reception of Beethoven and issues of classicism and romanticism in music.

**MPP UN1401 Bassoon Instruction. 1 point.**

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Please sign up for an audition time on MPP website in August: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

#### Fall 2018: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/74208		Marc Goldberg	1	1/25

#### MPP UN1403 Cello Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Please sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

#### Fall 2018: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/12033		Eliot Bailen	1	2/25
MPP 1403	002/22174		Yari Bond	1	2/25
MPP 1403	003/63269		James Wilson	1	2/25

#### Spring 2019: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/13255		Eliot Bailen	1	2/25
MPP 1403	002/16173		Yari Bond	1	2/25
MPP 1403	003/20221		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](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/11825		Allen Blustine	1	2/25

#### MPP UN1407 Classical Saxophone Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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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](mailto:mpp@columbia.edu)

#### Fall 2018: MPP UN1407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1407	001/21879		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](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/19062		Sue Anne Kahn	1	1/25
MPP 1409	002/72768		Susan Palma-Nidel	1	0/25
MPP 1409	003/20141		Susan Rotholz	1	0/25

#### Spring 2019: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/24045		Sue Anne Kahn	1	1/25
MPP 1409	002/70007		Susan Palma-Nidel	1	0/25
MPP 1409	003/66585		Susan Rotholz	1	0/25

#### MPP UN1411 French Horn Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/15120		Brad Gemeinhardt	1	2/25

#### Spring 2019: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/22599		Brad Gemeinhardt	1	2/25

**MPP UN1413 Guitar (Bluegrass) Instruction. 1 point.**

Prerequisites: Sign up for an audition time on MPP website: [www.mpp.music.columbia.edu](http://www.mpp.music.columbia.edu)

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**Fall 2018: MPP UN1413**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/26049		James Kerr	1	2/25

**MPP UN1415 Guitar (Classical) Instruction. 1 point.**

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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**Fall 2018: MPP UN1415**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1415	001/26232		Arthur Kampela	1	0/25

**MPP UN1417 Harp Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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**Fall 2018: MPP UN1417**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/25096		June Han	1	0/25

**MPP UN1419 Oboe Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://www.mpp.music.columbia.edu)

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**Fall 2018: MPP UN1419**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/66187		Vicki Bodner	1	1/25

**MPP UN1421 Organ Instruction. 0 points.****Fall 2018: MPP UN1421**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/64909		Paul Martin Maki	0	1/25

**MPP UN1423 Percussion Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1423**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/70598		Ian Sullivan	1	1/25

**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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1425**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/29175		Michael Skelly	1	43/100
MPP 1425	002/76819		Dmitry Alexeev	1	27/50
MPP 1425	003/74922		Reiko Uchida	1	10/50

**Spring 2019: MPP UN1425**



Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/71702		Michael Skelly	1	49/100
MPP 1425	002/74925		Dmitry Alexeev	1	31/50
MPP 1425	003/20479		Reiko Uchida	1	9/50

### 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 2018: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/71592		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: 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 2018: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/26876		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

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#### Fall 2018: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1431	001/65521		Gareth Flowers	1	0/25
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### 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 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 2018: MPP UN1433

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1433	001/27128		Raymond Stewart	1	0/25

### MPP UN1435 Viola 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 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 2018: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/26382		Sarah Adams	1	2/25
MPP 1435	002/18710		Ah-ling Neu	1	0/25
MPP 1435	003/15426		Jessica Thompson	1	1/25

#### Spring 2019: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/61625		Sarah Adams	1	2/25
MPP 1435	002/13062		Ah-ling Neu	1	0/25
MPP 1435	003/23729		Jessica Thompson	1	1/25

### MPP UN1437 Violin 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 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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1437**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/18061		Cyrus Beroukhim	1	5/25
MPP 1437	002/22773		Maja Cerar	1	3/25
MPP 1437	003/14513		David Fulmer	1	0/25
MPP 1437	004/75921		Lisa Kim	1	0/25
MPP 1437	005/18186		Muneko Otani	1	3/25
MPP 1437	006/71295		Richard Rood	1	4/25

**Spring 2019: MPP UN1437**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/19218		Cyrus Beroukhim	1	3/25
MPP 1437	002/25848		Maja Cerar	1	3/25
MPP 1437	003/13092		David Fulmer	1	0/25
MPP 1437	004/72252		Lisa Kim	1	0/25
MPP 1437	005/28943		Muneko Otani	1	3/25
MPP 1437	006/19295		Richard Rood	1	4/25

**MPP UN1439 Early Instruments: Harpsichord. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1439**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1439	001/61116		Kenneth Cooper	1	0/25

**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](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1441**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1441	001/66057		Rosamund Morley	1	0/25

**MPP UN1443 Jazz Bass Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)  
Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1443**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/65479		Bradley Jones	1	0/25
MPP 1443	002/28795		Ugonna Okegwio	1	2/25

**Spring 2019: MPP UN1443**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/62478		Ugonna Okegwio	1	2/25

**MPP UN1445 Jazz Bass (Electric) Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)  
Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1445**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/25573		Leo Traversa	1	4/25

**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](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1447**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/70269		Paul Bollenback	1	7/25

**Spring 2019: MPP UN1447**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	002/10556		Leo Traversa	1	2/25

**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 2018: MPP UN1449**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/29427		Ole Mathisen	1	2/25
MPP 1449	002/65892		Don Sickler	1	0/25

**Spring 2019: MPP UN1449**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	002/13954		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 2018: MPP UN1451**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/26908		Anthony Moreno	1	2/25
MPP 1451	002/72548		Vince Cherico	1	3/25

**Spring 2019: MPP UN1451**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/73677		Anthony Moreno	1	1/25
MPP 1451	002/12003		Vince Cherico	1	2/25
MPP 1451	033/77230		Adriano dos Santos	1	0/25

**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 2018: MPP UN1453**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/27979		Bruce Barth	1	7/25
MPP 1453	002/10611		Victor Lin	1	5/25
MPP 1453	003/68286		Andy Milne	1	0/25
MPP 1453	004/25083		Helen Sung	1	4/25

**Spring 2019: MPP UN1453**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/27188		Bruce Barth	1	6/25
MPP 1453	002/71023		Victor Lin	1	5/25
MPP 1453	003/21533		Andy Milne	1	0/25
MPP 1453	004/25522		Helen Sung	1	3/25

**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 2018: MPP UN1455**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/10077		Ole Mathisen	1	2/25

**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 2018: MPP UN1457**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1457 001/66441

John David 1 1/25  
Gibson**MPP UN1459 Jazz Trumpet Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1459**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/71180		Don Sickler	1	3/25
MPP 1459	002/28965			1	0/25

**MPP UN1461 Jazz Voice Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1461**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/70071		Christine Correa	1	15/25

**MPP UN1511 Collegium Musicum. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1511**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/25382		Evelyn DeGraf	1	12/100

**MPP UN1521 University Orchestra . 2 points.**

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Weekly meetings with ensemble and end-of-semester performance required.

**Fall 2018: MPP UN1521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/21157	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	75/200

**Spring 2019: MPP UN1521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/26008	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	71/200

**MPP UN1531 Chamber Ensemble. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1531**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/63144		Maja Cerar	1	3/50
MPP 1531	002/69389		Arthur Kampela	1	0/50
MPP 1531	003/69902		Ian Sullivan	1	2/50
MPP 1531	004/73832		Magdalena Baczkowska	1	12/24
MPP 1531	005/12673		Deborah Bradley-Kramer	1	0/50
MPP 1531	006/76916		Sarah Adams	1	6/50
MPP 1531	007/12869		Eliot Bailen	1	9/50
MPP 1531	008/75876		Allen Blustine	1	6/50
MPP 1531	009/70135		Vicki Bodner	1	0/50
MPP 1531	010/68255		Yari Bond	1	2/50
MPP 1531	011/63506		Maja Cerar	1	0/50
MPP 1531	012/22230		Kenneth Cooper	1	7/50
MPP 1531	013/27547		June Han	1	0/50
MPP 1531	014/64130		Sue Anne Kahn	1	1/50
MPP 1531	015/21429		Ah-ling Neu	1	0/50



MPP 1531	016/71349	Muneko Otani	1	7/50
MPP 1531	017/20997	Susan Palma-Nidel	1	5/50
MPP 1531	018/29027	Richard Rood	1	7/50
MPP 1531	019/21693	Susan Rotholz	1	6/50
MPP 1531	020/13581	Jessica Thompson	1	0/50
MPP 1531	021/13473	James Wilson	1	7/50

**Spring 2019: MPP UN1531**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/68604	W 4:15pm - 5:30pm Room TBA	Maja Cerar	1	5/50
MPP 1531	002/69378			1	0/50
MPP 1531	003/60133		Ian Sullivan	1	1/50
MPP 1531	004/70363		Magdalena Baczewska	1	12/12
MPP 1531	005/70760		Deborah Bradley-Kramer	1	0/50
MPP 1531	006/17221		Sarah Adams	1	4/50
MPP 1531	007/10153		Eliot Bailen	1	9/50
MPP 1531	008/10486		Allen Blustine	1	5/50
MPP 1531	009/72497		Vicki Bodner	1	0/50
MPP 1531	010/26323		Yari Bond	1	0/50
MPP 1531	011/62024		Maja Cerar	1	3/50
MPP 1531	012/28626		Kenneth Cooper	1	7/50
MPP 1531	013/23654		June Han	1	0/50
MPP 1531	014/76116		Sue Anne Kahn	1	1/50
MPP 1531	015/62880		Ah-ling Neu	1	0/50
MPP 1531	016/65334		Muneko Otani	1	5/50
MPP 1531	017/23456		Susan Palma-Nidel	1	5/50
MPP 1531	018/64039		Richard Rood	1	6/50
MPP 1531	019/63798		Susan Rotholz	1	3/50
MPP 1531	020/25903		Jessica Thompson	1	0/50
MPP 1531	021/70498		James Wilson	1	3/50

**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](http://www.mpp.music.columbia.edu)

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**Fall 2018: MPP UN1541**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/21477		Christine Correa	1	10/50
MPP 1541	002/76626		Bruce Barth	1	5/50
MPP 1541	003/13338		Bruce Barth	1	4/50
MPP 1541	004/21225		Vince Cherico	1	10/50
MPP 1541	005/27394		Victor Lin	1	16/50
MPP 1541	006/17437		Ole Mathisen	1	2/50
MPP 1541	007/22266		Ole Mathisen	1	3/50
MPP 1541	008/12445		Ole Mathisen	1	26/50
MPP 1541	009/24773		Don Sickler	1	14/50

**Spring 2019: MPP UN1541**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/69419		Christine Correa	1	9/50
MPP 1541	002/15512		Bruce Barth	1	5/50
MPP 1541	003/60692		Bruce Barth	1	4/50
MPP 1541	004/24446		Vince Cherico	1	7/50
MPP 1541	005/74995		Victor Lin	1	9/50
MPP 1541	006/76325		Ole Mathisen	1	3/50
MPP 1541	007/70306		Ole Mathisen	1	0/50
MPP 1541	008/11282		Ole Mathisen	1	10/50
MPP 1541	009/29666		Don Sickler	1	12/50
MPP 1541	010/62525		Ole Mathisen	1	10/50

**MPP UN1551 World Music Ensemble. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1551**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/64482		James Kerr	1	4/50
MPP 1551	002/27707		Louise Sasaki	1	4/50
MPP 1551	003/14813		James Schlefer	1	1/50
MPP 1551	004/26138		Masayo Tokue	1	1/50
MPP 1551	005/23964		Jeff Warschauer	1	0/50

MPP 1551	006/62881	Vince Cherico	1	9/50
MPP 1551	007/72705	Taoufik Ben-Amor	1	5/50

**Spring 2019: MPP UN1551**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/28964		James Kerr	1	4/50
MPP 1551	002/24465	Th 6:00pm - 7:30pm Room TBA	Louise Sasaki	1	3/50
MPP 1551	003/19975	Th 3:00pm - 4:30pm Room TBA	James Schlefer	1	2/50
MPP 1551	004/72428	Th 4:30pm - 6:00pm Room TBA	Masayo Tokue	1	3/50
MPP 1551	005/17236	M 7:30pm - 9:30pm Room TBA	Jeff Warschauer	1	0/50
MPP 1551	006/61226		Sebastian Cruz	1	5/50
MPP 1551	007/26704	F 10:00am - 12:00pm Room TBA	Taoufik Ben-Amor	1	7/50

**SPRING 2019****MUSI UN1002 Fundamentals of Music. 3 points.**

Corequisites: MUSI UN1312

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 2018: MUSI UN1002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/66964	M W 4:10pm - 5:25pm 814 Dodge Building	Marc Hannaford	3	12/30
MUSI 1002	002/26846	T Th 10:10am - 11:25am 814 Dodge Building	Toru Momii	3	7/30

**Spring 2019: MUSI UN1002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/73847	M W 4:10pm - 5:25pm 622 Dodge Building	Mark Saccomano	3	18/25
MUSI 1002	002/28216	T Th 10:10am - 11:25am 814 Dodge Building	Katherine Balch	3	13/25

**MUSI UN1312 Introductory Ear Training. 1 point.**

Lab Required

A student may place into a higher level of this course by passing an examination given on the first day of the class. V1312 is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfège recitation, and sight-singing simple melodies.

**Fall 2018: MUSI UN1312**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 1312	001/19414	M W 12:10pm - 1:00pm 404 Dodge Building	Eric Martin	1	5/12
MUSI 1312	002/63698	T Th 3:10pm - 4:00pm 620 Dodge Building	Peter Susser	1	11/12

**Spring 2019: MUSI UN1312**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/13649	M W 12:10pm - 1:00pm 404 Dodge Building	Martha Sullivan	1	7/12
MUSI 1312	002/10120	T Th 3:10pm - 4:00pm 620 Dodge Building	Peter Susser	1	12/12

**MUSI UN2025 The Opera. 3 points.**Prerequisites: *HUMA W1123* or the equivalent.

The development of opera from Monteverdi to the present. IN FALL 2011, THE OPERA WILL BE OFFERED MON/WED 2:40-3:55 in 622 DODGE.

**MUSI UN2206 Introduction to Digital Music (Previously called MIDI Music Production Techniques). 3 points.**Prerequisites: *HUMA W1123* or the equivalent, and the instructor's permission.

An introduction to the potential of digital synthesis by means of the MIDI (Musical Instrument Digital Interface). Teaches proficiency in elementary and advanced MIDI techniques. Challenges some of the assumptions about music built into the MIDI specifications and fosters a creative approach to using MIDI machines.

**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 2018: MUSI UN2314**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/70500	M W 12:10pm - 1:00pm 405 Dodge Building	Rowland Moseley	1	9/12
MUSI 2314	002/20189	T Th 3:10pm - 4:00pm 803 Dodge Building	Ramin Amir Arjomand	1	9/12

**Spring 2019: MUSI UN2314**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/71582	M W 12:10pm - 1:00pm 405 Dodge Building	Richard Miller	1	13/12
MUSI 2314	002/77322	T Th 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	8/12
MUSI 2314	003/69272	M W 12:10pm - 1:00pm 814 Dodge Building	Rowland Moseley	1	11/12

**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 2018: MUSI UN2315**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/17383	M W 3:10pm - 4:00pm 814 Dodge Building	Mahir Cetiz	1	5/12
MUSI 2315	002/62794	T Th 12:10pm - 1:00pm 814 Dodge Building	Richard Miller	1	6/12

**Spring 2019: MUSI UN2315**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/11250	M W 3:10pm - 4:00pm 814 Dodge Building	Barami Waspe	1	4/12
MUSI 2315	002/20378	T Th 12:10pm - 1:00pm 814 Dodge Building	Peter Susser	1	12/12

**MUSI UN2318 Music Theory I. 3 points.**

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART)., Lab Required

Prerequisites: *MUSI V1002* or the equivalent, as well as placement exam administered in the first class meeting every semester the course is offered. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint I.)

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term.

**Fall 2018: MUSI UN2318**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/28690	M W 1:10pm - 2:25pm 404 Dodge Building	Maeve Sterbenz	3	7/16
MUSI 2318	002/76810	T Th 1:10pm - 2:25pm 620 Dodge Building	Maeve Sterbenz	3	7/16

**Spring 2019: MUSI UN2318**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/25621	M W 1:10pm - 2:25pm 404 Dodge Building	Benjamin Steege	3	13/18

**MUSI UN2319 Music Theory II. 3 points.**

Prerequisites: *MUSI V2318*.

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Elementary analysis and composition in a variety of tonal idioms. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint II.)

**Fall 2018: MUSI UN2319**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/23272	M W 1:10pm - 2:25pm 405 Dodge Building	Benjamin Steege	3	15/16

**Spring 2019: MUSI UN2319**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/63257	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3	8/18
MUSI 2319	002/72056	T Th 1:10pm - 2:25pm 622 Dodge Building	Galen DeGraf	3	3/18

**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 and to be the voice? And how is a musical performance bound up with emotions?

**MUSI UN3036 Schubert's Romantic Cycles. 3 points.**

This course offers an intensive study of Schubert's cyclic music written for chamber performance, 1822-1828. A major composer whose short life-span and delayed posterity skewed the trajectory of musical Romanticism during and after Beethoven, Schubert wrote a string of masterworks in his later years, including the String Quartets in D minor ("Death and the Maiden") and G major, the dark song cycle Die Winterreise, the Impromptus and last three Sonatas for piano, the String Quintet in C, the Fantasy in F minor, and the two Piano Trios. His notably artistic friendship circle, his tangential relationship to patronage, and his extraordinary cultivation of chamber genres (including the Lied), reveal him to have had a Viennese career during the 1820s very different from that of Beethoven at the same time. Schubert's illness and diagnosis with syphilis in late 1822 produced a crisis of creativity still relevant for scholars and students today, as the literature reveals: analyzing biography and art under the sign of death produces tensions we will explore in the course.

**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 2019: MUSI UN3129**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 3129 001/15740 T Th 2:40pm - Elaine 3 22/30  
3:55pm Sisman  
622 Dodge Building

### **MUSI UN3170 20th Century Music. 3 points.**

Prerequisites: HUMA UN1123 or the instructor's permission. A multicultural and international consideration of composers, improvisors, sounds, practices and social issues in the "art" music of "the long 20th century"--in Western classical music and its intersections with jazz, popular music, and experimental media.

The course will engage issues of form, technique, genre, style, canon, media reception, constructions of gender and race, cultural nationalisms, the impact of transnationalism and globalization, debates around art and the vernacular, and the practice of listening. Scores will be provided for musically literate students, but reading knowledge of music is not required.

### **MUSI UN3183 Film Music: The History and Aesthetics of the Hollywood Film Score. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: HUMA UN1123 or instructor's permission. This course will introduce students to the history of film music by concentrating on the emergence of the "classical style" of the Golden Age Hollywood film score (in the 1930s/1940s) and the various ways post-Golden-Age film makers and composers have challenged or returned to the styles and practices of that era. Simultaneously participants will be exposed to the rich theoretical literature on film music, looking at topics such as music's role in the creation of narrative and meaning and the politics of audiovisual representation.

Topics in the course will include: film music's relationship with earlier forms of musical media; music's narrative function; music's relationship with other aspects of the soundtrack; film music production within the wider film industry; film's changing sound technologies; leitmotifs and topic theory; musical visualization; montage aesthetics; musical modernism in film; depictions of race, gender and sexuality; feminist, Marxist, and psychoanalytic approaches; music, nostalgia, and fantasy; and the use of pre-existing music in film.

### **MUSI UN3239 Introduction to Composition. 3 points.**

Prerequisites: The prerequisites for this course are V1002 Fundamentals of Western Music and the instructor's permission. Permission of instructor. Music majors and concentrators have priority.

Composition in shorter forms. Basic issues of musical structure and expression are explored in traditional and contemporary repertory.

#### **Spring 2019: MUSI UN3239**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3239 001/64674		T Th 1:10pm - 2:25pm 620 Dodge Building	Georg Friedrich Haas	3	8/25

### **MUSI UN3310 Techniques of 20th-Century Music. 3 points.**

Prerequisites: MUSI V3322 or the instructor's permission.

Materials, styles, and techniques of 20th-century music. Topics include scales, chords, sets, atonality, serialism, neoclassicism, and rhythm.

#### **Fall 2018: MUSI UN3310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3310 001/17403		T Th 11:40am - 12:55pm 405 Dodge Building	Ellie Hisama	3	3/15

### **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 2018: MUSI UN3316**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316 001/69082		M W 12:10pm - 1:00pm 716 Hamilton Hall	Richard Miller	1	11/12
MUSI 3316 002/12066		T Th 3:10pm - 4:00pm 814 Dodge Building	Barami Waspe	1	6/12

#### **Spring 2019: MUSI UN3316**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316 001/70141		M W 12:10pm - 1:00pm 620 Dodge Building	Michael Joviala	1	8/12
MUSI 3316 002/21492		T Th 3:10pm - 4:00pm 814 Dodge Building	Ramin Amir Arjomand	1	6/12

### **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 2018: MUSI UN3317**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317 001/11487		M W 3:10pm - 4:00pm 803 Dodge Building	Barami Waspe	1	3/12
MUSI 3317 002/65400		T Th 4:10pm - 5:00pm 622 Dodge Building	Ramin Amir Arjomand	1	2/12

#### **Spring 2019: MUSI UN3317**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317 001/24112		M W 3:10pm - 4:00pm 803 Dodge Building	Michael Joviala	1	10/12
MUSI 3317 002/75894		T Th 4:10pm - 5:00pm 622 Dodge Building	Ramin Amir Arjomand	1	5/12

### **MUSI UN3321 Music Theory III. 3 points.**

Lab Required



A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Corequisites: one course from Ear-training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Intermediate analysis and composition in a variety of tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint I.)

#### Fall 2018: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/75268	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	9/16

#### Spring 2019: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/27500	M W 1:10pm - 2:25pm 620 Dodge Building	Rowland Moseley	3	12/18

### MUSI UN3322 Music Theory IV. 3 points.

Prerequisites: *MUSI V3321*.

Corequisites: one course from Ear-Training I-IV (*V2314*, *V2315*, *V3316*, or *V3317*, as determined by placement exam.)

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint II.) A one-hour weekly lab is required, to be scheduled at the beginning of the term.

#### Fall 2018: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/74728	T Th 1:10pm - 2:25pm 622 Dodge Building	Rowland Moseley	3	10/16

#### Spring 2019: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/22607	M W 1:10pm - 2:25pm 814 Dodge Building	Peter Susser	3	11/18

### MUSI V3335 Analysis of Alternative Music. 3 points.

Corequisites: MUSI V3321 or equivalent.

In this highly participatory music theory seminar, we will analyze in depth some unusual patterns of harmony and melody across a range of alternative music: tracks by the alt-rock bands Radiohead and Portishead, the singer-songwriters Bjork and Sufjan Stevens, the "alt-classical" composer Max Richter, and the alternative electronic artists Aphex Twin, Boards of Canada, and Autechre. Student work will include weekly model compositions, and a final presentation and paper.

### 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 2018: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/25538	T Th 1:10pm - 2:25pm 405 Dodge Building	Cesar Colon-Montijo	3	16/35

#### Spring 2019: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/14100	T Th 4:10pm - 5:25pm 620 Dodge Building	Cesar Colon-Montijo	3	19/25

### MUSI UN3635 The History of Music Production Techniques. 3 points.

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. How does one learn to understand what they hear, re-create what they like and develop their own style? This class, "The History and Techniques of Music Production," 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.

### 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 2019: MUSI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3996	001/18804		Benjamin Steege	3	0/5
MUSI 3996	005/25751		Kevin Fellezs	3	0/5
MUSI 3996	006/19216		Aaron Fox	3	2/5
MUSI 3996	007/62108		Walter Frisch	3	0/5

MUSI 3996 009/61772	Giuseppe Gerbino	3	1/5
MUSI 3996 010/14328	Georg Friedrich Haas	3	0/5
MUSI 3996 011/25080	Ellie Hisama	3	0/5
MUSI 3996 012/72350	George Lewis	3	1/5
MUSI 3996 013/69114	Ana Maria Ochoa	3	0/5
MUSI 3996 014/72850	Elaine Sisman	3	0/5
MUSI 3996 015/11632	Christopher Washburne	3	0/5
MUSI 3996 016/28547	Magdalena Baczevska	3	0/5
MUSI 3996 018/66351	Jeffrey Milarsky	3	0/5
MUSI 3996 020/71983	Peter Susser	3	1/5

**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 2019: MUSI UN3999**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3999 001/25006			Benjamin Steege	3	0/5
MUSI 3999 005/23609			Kevin Fellezs	3	0/5
MUSI 3999 006/10644			Aaron Fox	3	3/5
MUSI 3999 007/17639			Walter Frisch	3	0/5
MUSI 3999 009/15648			Giuseppe Gerbino	3	0/5
MUSI 3999 010/14918			Georg Friedrich Haas	3	0/5
MUSI 3999 011/13589			Ellie Hisama	3	0/5
MUSI 3999 012/70001			George Lewis	3	1/5
MUSI 3999 013/73040			Ana Maria Ochoa	3	0/5
MUSI 3999 014/62480			Elaine Sisman	3	0/5
MUSI 3999 015/74382			Christopher Washburne	3	2/5
MUSI 3999 016/61908			Magdalena Baczevska	3	1/5
MUSI 3999 018/21524			Jeffrey Milarsky	3	0/5
MUSI 3999 020/75487			Peter Susser	3	1/5

**MUSI W4151 New York Avant-Gardes: Music and Performance Since 1950. 3 points.**

Priority given to music majors and concentrators, and Music Department graduate students.

This course explores New York's avant-garde music scenes and networks since 1950. Examples are drawn from a wide range of

music, including "downtown" minimalism, "uptown" serialism, free jazz, and punk rock. In addition to investigating the aesthetic and conceptual underpinnings of these genres, we will study their entwinement with venues and institutions such as the Columbia-Princeton Electronic Music Center, the Harlem Cultural Council, the Kitchen, the Black Arts Repertory Theatre and School, the Brooklyn Academy of Music, and CBGB. We will have the chance to visit a number of these spaces. Although music will be our primary lens through which to study New York's postwar cultural life, we will also explore interconnections between music, visual art, and theater in Fluxus, intermedia, and performance art movements. As such, this course is heavily interdisciplinary, and we will read widely in musicology, art history, literary theory, media studies, sociology, and performance studies. Each week's discussion will be guided by these readings, as well as by in-class and out-of-class listening. Musicians/composers/artists to be studied include John Cage, Meredith Monk, Ornette Coleman, Milton Babbitt, Laurie Anderson, the Afro-American Singing Theater, La Monte Young, Robert Ashley, Philip Glass, the Velvet Underground, Joan La Barbara, Anthony Braxton, Elliott Carter, the Talking Heads, John Zorn, Richard Foreman, Robert Wilson, and Julius Eastman.

**MUSI GU4157 Late Style and Early Romanticism. 3 points.**

Prerequisites: MUSI UN3129 MUSI UN2318-2319 or the equivalent.

Exploration of the idea of "late style" in the context of early Romanticism, with particular focus on Beethoven and Schubert during the 1820s. The roles of illness and disability, musical journalism under censorship, and private chamber music in the public cultures of symphony and opera will frame the approach to analysis.

**MUSI GU4375 Music and Madness. 3 points.**

Prerequisites: None.

This undergraduate seminar offers historical and critical perspectives on music as a cause, symptom, and treatment of madness. We will begin by analyzing the stakes of studying the history of music and madness in light of methodologies from history, ethnography, and disability studies. We will then apply these frameworks to an investigation of selected topics in the histories of music and madness, as well as more recent ethnographies of the role of music in conjunction with altered mental states. In doing so, we will examine the interplay of embodied experience with respect to composed and improvised music as well as the soundscapes of religious rituals and trance states. The course is intended to foster interdisciplinary engagement between students interested in music, history, and medicine, and to provide them with critical tools to examine constructions of music and madness in social, scientific, and historical contexts. No musical background is necessary to participate.

**MUSI W4405 Music and Language. 3 points.**

*Prerequisite:* music major or instructor's permission. A survey of 20th-century literatures on the music/language relationship. Emphasis on semiotic and social-scientific paradigms.

**MUSI G4425 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.

**HUMA UN1123 Masterpieces of Western Music. 3 points.**

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

**Fall 2018: HUMA UN1123**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/22519	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	23/25
HUMA 1123	002/75893	M W 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	23/25
HUMA 1123	003/74216	M W 8:40am - 9:55am 622 Dodge Building	Laura Weber	3	22/25
HUMA 1123	004/13874	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	005/71943	M W 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	24/25
HUMA 1123	006/28847	M W 10:10am - 11:25am 716 Hamilton Hall	Alexander Rothe	3	24/25
HUMA 1123	007/71132	M W 1:10pm - 2:25pm 622 Dodge Building	Jane Forner	3	24/25
HUMA 1123	008/19271	M W 1:10pm - 2:25pm 716 Hamilton Hall	Alexander Rothe	3	24/25
HUMA 1123	009/68309	M W 2:40pm - 3:55pm 404 Dodge Building	Madeleine Turner	3	25/25
HUMA 1123	010/10525	M W 2:40pm - 3:55pm 405 Dodge Building	Sonja Wermager	3	25/25
HUMA 1123	011/19461	M W 2:40pm - 3:55pm 716 Hamilton Hall	Paula Harper	3	25/25
HUMA 1123	012/72146	M W 4:10pm - 5:25pm 404 Dodge Building	Marilyn McCoy	3	23/25
HUMA 1123	014/60704	M W 4:10pm - 5:25pm 716 Hamilton Hall	Theodore Gordon	3	23/25
HUMA 1123	015/17041	M W 6:10pm - 7:25pm 404 Dodge Building	Ralph Whyte	3	25/25

HUMA 1123	016/24748	M W 6:10pm - 7:25pm 405 Dodge Building	Yun Wang	3	22/25
HUMA 1123	017/17938	M W 6:10pm - 7:25pm 716 Hamilton Hall	Mike Ford	3	11/25
HUMA 1123	018/76517	T Th 8:40am - 9:55am 405 Dodge Building	Lucie Vagnerova	3	25/25
HUMA 1123	019/66781	T Th 8:40am - 9:55am 622 Dodge Building	Anne Levitsky	3	19/25
HUMA 1123	020/20423	T Th 10:10am - 11:25am 404 Dodge Building	Joshua Navon	3	25/25
HUMA 1123	021/11714	T Th 10:10am - 11:25am 405 Dodge Building	Lucie Vagnerova	3	25/25
HUMA 1123	022/19551	T Th 10:10am - 11:25am 716 Hamilton Hall	Sean Colonna	3	25/25
HUMA 1123	024/61089	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Robb	3	23/25
HUMA 1123	026/17157	T Th 2:40pm - 3:55pm 405 Dodge Building	Magdalena Baczewska	3	25/25
HUMA 1123	027/61926	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Joshua Mailman	3	19/25
HUMA 1123	028/62989	T Th 4:10pm - 5:25pm 404 Dodge Building	Ryan Pratt	3	25/25
HUMA 1123	029/27993	T Th 4:10pm - 5:25pm 405 Dodge Building	Cesar Colon-Montijo	3	25/25
HUMA 1123	030/24448	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Thomas Fogg	3	21/25
HUMA 1123	031/26319	T Th 6:10pm - 7:25pm 404 Dodge Building	Mahir Cetiz	3	24/25
HUMA 1123	032/75352	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Thomas Fogg	3	19/25

**Spring 2019: HUMA UN1123**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/19031	M W 8:40am - 9:55am 404 Dodge Building	Matthew Ricketts	3	25/25
HUMA 1123	002/67035	M W 8:40am - 9:55am 405 Dodge Building	Taylor Brook	3	25/25
HUMA 1123	003/77022	M W 8:40am - 9:55am 622 Dodge Building	Laura Weber	3	20/25
HUMA 1123	004/21911	M W 10:10am - 11:25am 404 Dodge Building	Matthew Ricketts	3	23/25
HUMA 1123	005/71321	M W 10:10am - 11:25am 405 Dodge Building	Taylor Brook	3	25/25
HUMA 1123	006/68404	M W 10:10am - 11:25am 716 Hamilton Hall	Alexander Rothe	3	24/25

HUMA 1123	007/20308	M W 1:10pm - 2:25pm 622 Dodge Building	Cesar Colon-Montijo	3	25/25
HUMA 1123	008/60900	M W 1:10pm - 2:25pm 716 Hamilton Hall	Alexander Rothe	3	23/25
HUMA 1123	009/22229	M W 2:40pm - 3:55pm 404 Dodge Building	Madeleine Turner	3	21/25
HUMA 1123	010/26617	M W 2:40pm - 3:55pm 405 Dodge Building	Joshua Navon	3	24/25
HUMA 1123	011/27800	M W 2:40pm - 3:55pm 716 Hamilton Hall	Paula Harper	3	24/25
HUMA 1123	012/22758	M W 4:10pm - 5:25pm 404 Dodge Building	Thomas Fogg	3	24/25
HUMA 1123	013/20108	M W 4:10pm - 5:25pm 405 Dodge Building	Jonathan Ligrani	3	25/25
HUMA 1123	014/15640	M W 4:10pm - 5:25pm 716 Hamilton Hall	Theodore Gordon	3	24/25
HUMA 1123	015/29691	M W 6:10pm - 7:25pm 404 Dodge Building	Thomas Fogg	3	22/25
HUMA 1123	016/16370	M W 6:10pm - 7:25pm 405 Dodge Building	Audrey Amsellem	3	22/25
HUMA 1123	017/16778	M W 6:10pm - 7:25pm 716 Hamilton Hall	Joshua Mailman	3	13/25
HUMA 1123	018/25000	T Th 8:40am - 9:55am 405 Dodge Building	Jane Forner	3	24/25
HUMA 1123	019/64666	T Th 8:40am - 9:55am 622 Dodge Building	Ashkan Behzadi	3	25/25
HUMA 1123	020/25789	T Th 10:10am - 11:25am 404 Dodge Building	Marilyn McCoy	3	23/25
HUMA 1123	021/16824	T Th 10:10am - 11:25am 405 Dodge Building	Sean Colonna	3	25/25
HUMA 1123	022/21219	T Th 10:10am - 11:25am 716 Hamilton Hall	Sonja Wermager	3	25/25
HUMA 1123	023/72537	T Th 1:10pm - 2:25pm 404 Dodge Building	John McWhorter	3	24/25
HUMA 1123	024/28735	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Robb	3	24/25
HUMA 1123	025/65986	T Th 2:40pm - 3:55pm 404 Dodge Building	Mahir Cetiz	3	24/25
HUMA 1123	026/27892	T Th 2:40pm - 3:55pm 405 Dodge Building	Magdalena Baczewska	3	25/25
HUMA 1123	027/10233	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Mike Ford	3	15/25
HUMA 1123	028/69233	T Th 4:10pm - 5:25pm 404 Dodge Building	Lucie Vagnerova	3	24/25

HUMA 1123	029/70107	T Th 4:10pm - 5:25pm 405 Dodge Building	Giuseppe Gerbino	3	25/25
HUMA 1123	030/74952	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Anne Levitsky	3	25/25
HUMA 1123	031/77681	T Th 6:10pm - 7:25pm 404 Dodge Building	Lucie Vagnerova	3	24/25
HUMA 1123	032/80942	T Th 6:10pm - 7:25pm 405 Dodge Building	Ryan Pratt	3	25/25

### 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 2019: AHMM UN3320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3320	001/64096	M W 6:10pm - 7:25pm 620 Dodge Building	Rachel Chung	3	24/25
AHMM 3320	002/19901	M W 6:10pm - 7:25pm 622 Dodge Building	Yun Wang	3	24/25
AHMM 3320	003/12049	T Th 10:10am - 11:25am 622 Dodge Building	Jesse Chevan	3	27/25

### AHMM UN3321 Introduction To the Musics of India and West 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.

#### Fall 2018: AHMM UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3321	001/12848	M W 6:10pm - 7:25pm 620 Dodge Building	Nandini Banerjee	3	22/25
AHMM 3321	002/64782	M W 6:10pm - 7:25pm 622 Dodge Building	Daniel Ferguson, Eben Graves	3	20/25
AHMM 3321	003/88962	T Th 10:10am - 11:25am 622 Dodge Building	Jesse Chevan	3	22/25

### MPP UN1401 Bassoon Instruction. *1 point.*

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Please sign up for an audition time on MPP website in August: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

#### Fall 2018: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/74208		Marc Goldberg	1	1/25

#### MPP UN1403 Cello Instruction. 1 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Please sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

#### Fall 2018: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/12033		Eliot Bailen	1	2/25
MPP 1403	002/22174		Yari Bond	1	2/25
MPP 1403	003/63269		James Wilson	1	2/25

#### Spring 2019: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/13255		Eliot Bailen	1	2/25
MPP 1403	002/16173		Yari Bond	1	2/25
MPP 1403	003/20221		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](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/11825		Allen Blustine	1	2/25

#### MPP UN1407 Classical Saxophone Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1407	001/21879		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](http://mpp.music.columbia.edu)

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#### Fall 2018: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/19062		Sue Anne Kahn	1	1/25
MPP 1409	002/72768		Susan Palma-Nidel	1	0/25
MPP 1409	003/20141		Susan Rotholz	1	0/25

#### Spring 2019: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/24045		Sue Anne Kahn	1	1/25
MPP 1409	002/70007		Susan Palma-Nidel	1	0/25
MPP 1409	003/66585		Susan Rotholz	1	0/25

#### MPP UN1411 French Horn Instruction. 1 point.

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

#### Fall 2018: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1411 001/15120 Brad 1 2/25  
Gemeinhardt

**Spring 2019: MPP UN1411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/22599		Brad Gemeinhardt	1	2/25

**MPP UN1413 Guitar (Bluegrass) Instruction. 1 point.**

Prerequisites: Sign up for an audition time on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1413**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/26049		James Kerr	1	2/25

**MPP UN1415 Guitar (Classical) Instruction. 1 point.**

Prerequisites: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1415**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1415	001/26232		Arthur Kampela	1	0/25

**MPP UN1417 Harp Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1417**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/25096		June Han	1	0/25

**MPP UN1419 Oboe Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1419**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/66187		Vicki Bodner	1	1/25

**MPP UN1421 Organ Instruction. 0 points.****Fall 2018: MPP UN1421**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/64909		Paul Martin Maki	0	1/25

**MPP UN1423 Percussion Instruction. 1 point.**

Prerequisites: Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1423**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/70598		Ian Sullivan	1	1/25

**MPP UN1425 Piano Instruction. 1 point.**

Prerequisites: Sign up 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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1425**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/29175		Michael Skelly	1	43/100
MPP 1425	002/76819		Dmitry Alexeev	1	27/50

MPP 1425 003/74922 Reiko 1 10/50  
Uchida

#### Spring 2019: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/71702		Michael Skelly	1	49/100
MPP 1425	002/74925		Dmitry Alexeev	1	31/50
MPP 1425	003/20479		Reiko Uchida	1	9/50

#### 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 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 2018: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/71592		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: 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 2018: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/26876		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 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 2018: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/65521		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 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 2018: MPP UN1433

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1433	001/27128		Raymond Stewart	1	0/25

#### MPP UN1435 Viola 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 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 2018: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/26382		Sarah Adams	1	2/25
MPP 1435	002/18710		Ah-ling Neu	1	0/25
MPP 1435	003/15426		Jessica Thompson	1	1/25

#### Spring 2019: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/61625		Sarah Adams	1	2/25
MPP 1435	002/13062		Ah-ling Neu	1	0/25
MPP 1435	003/23729		Jessica Thompson	1	1/25

#### MPP UN1437 Violin 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 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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1437**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/18061		Cyrus Beroukhim	1	5/25
MPP 1437	002/22773		Maja Cerar	1	3/25
MPP 1437	003/14513		David Fulmer	1	0/25
MPP 1437	004/75921		Lisa Kim	1	0/25
MPP 1437	005/18186		Muneko Otani	1	3/25
MPP 1437	006/71295		Richard Rood	1	4/25

**Spring 2019: MPP UN1437**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/19218		Cyrus Beroukhim	1	3/25
MPP 1437	002/25848		Maja Cerar	1	3/25
MPP 1437	003/13092		David Fulmer	1	0/25
MPP 1437	004/72252		Lisa Kim	1	0/25
MPP 1437	005/28943		Muneko Otani	1	3/25
MPP 1437	006/19295		Richard Rood	1	4/25

**MPP UN1439 Early Instruments: Harpsichord. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1439**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1439	001/61116		Kenneth Cooper	1	0/25

**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](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1441**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1441	001/66057		Rosamund Morley	1	0/25

**MPP UN1443 Jazz Bass Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1443**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/65479		Bradley Jones	1	0/25
MPP 1443	002/28795		Ugonna Okegwo	1	2/25

**Spring 2019: MPP UN1443**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/62478		Ugonna Okegwo	1	2/25

**MPP UN1445 Jazz Bass (Electric) Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)  
Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1445**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/25573		Leo Traversa	1	4/25

**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](http://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](mailto:mpp@columbia.edu)



**Fall 2018: MPP UN1447**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/70269		Paul Bollenback	1	7/25

**Spring 2019: MPP UN1447**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	002/10556		Leo Traversa	1	2/25

**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 2018: MPP UN1449**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/29427		Ole Mathisen	1	2/25
MPP 1449	002/65892		Don Sickler	1	0/25

**Spring 2019: MPP UN1449**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	002/13954		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 2018: MPP UN1451**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/26908		Anthony Moreno	1	2/25
MPP 1451	002/72548		Vince Cherico	1	3/25

**Spring 2019: MPP UN1451**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/73677		Anthony Moreno	1	1/25
MPP 1451	002/12003		Vince Cherico	1	2/25
MPP 1451	033/77230		Adriano dos Santos	1	0/25

**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 2018: MPP UN1453**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/27979		Bruce Barth	1	7/25
MPP 1453	002/10611		Victor Lin	1	5/25
MPP 1453	003/68286		Andy Milne	1	0/25
MPP 1453	004/25083		Helen Sung	1	4/25

**Spring 2019: MPP UN1453**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/27188		Bruce Barth	1	6/25
MPP 1453	002/71023		Victor Lin	1	5/25
MPP 1453	003/21533		Andy Milne	1	0/25
MPP 1453	004/25522		Helen Sung	1	3/25

**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 2018: MPP UN1455**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/10077		Ole Mathisen	1	2/25

**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 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 2018: MPP UN1457**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1457 001/66441

John David 1 1/25  
Gibson**MPP UN1459 Jazz Trumpet Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Prerequisites: Audition Required: Sign up for an audition time on MPP website: [mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1459**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/71180		Don Sickler	1	3/25
MPP 1459	002/28965			1	0/25

**MPP UN1461 Jazz Voice Instruction. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

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**Fall 2018: MPP UN1461**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/70071		Christine Correa	1	15/25

**MPP UN1511 Collegium Musicum. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://www.mpp.music.columbia.edu)

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**Fall 2018: MPP UN1511**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/25382		Evelyn DeGraf	1	12/100

**MPP UN1521 University Orchestra . 2 points.**

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu) Weekly meetings with ensemble and end-of-semester performance required.

**Fall 2018: MPP UN1521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/21157	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	75/200

**Spring 2019: MPP UN1521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/26008	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2	71/200

**MPP UN1531 Chamber Ensemble. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://www.mpp.music.columbia.edu)

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**Fall 2018: MPP UN1531**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/63144		Maja Cerar	1	3/50
MPP 1531	002/69389		Arthur Kampela	1	0/50
MPP 1531	003/69902		Ian Sullivan	1	2/50
MPP 1531	004/73832		Magdalena Baczkowska	1	12/24
MPP 1531	005/12673		Deborah Bradley-Kramer	1	0/50
MPP 1531	006/76916		Sarah Adams	1	6/50
MPP 1531	007/12869		Eliot Bailen	1	9/50
MPP 1531	008/75876		Allen Blustine	1	6/50
MPP 1531	009/70135		Vicki Bodner	1	0/50
MPP 1531	010/68255		Yari Bond	1	2/50
MPP 1531	011/63506		Maja Cerar	1	0/50
MPP 1531	012/22230		Kenneth Cooper	1	7/50
MPP 1531	013/27547		June Han	1	0/50
MPP 1531	014/64130		Sue Anne Kahn	1	1/50
MPP 1531	015/21429		Ah-ling Neu	1	0/50

MPP 1531	016/71349	Muneko Otani	1	7/50
MPP 1531	017/20997	Susan Palma-Nidel	1	5/50
MPP 1531	018/29027	Richard Rood	1	7/50
MPP 1531	019/21693	Susan Rotholz	1	6/50
MPP 1531	020/13581	Jessica Thompson	1	0/50
MPP 1531	021/13473	James Wilson	1	7/50

**Spring 2019: MPP UN1531**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/68604	W 4:15pm - 5:30pm Room TBA	Maja Cerar	1	5/50
MPP 1531	002/69378			1	0/50
MPP 1531	003/60133		Ian Sullivan	1	1/50
MPP 1531	004/70363		Magdalena Baczewska	1	12/12
MPP 1531	005/70760		Deborah Bradley-Kramer	1	0/50
MPP 1531	006/17221		Sarah Adams	1	4/50
MPP 1531	007/10153		Eliot Bailen	1	9/50
MPP 1531	008/10486		Allen Blustine	1	5/50
MPP 1531	009/72497		Vicki Bodner	1	0/50
MPP 1531	010/26323		Yari Bond	1	0/50
MPP 1531	011/62024		Maja Cerar	1	3/50
MPP 1531	012/28626		Kenneth Cooper	1	7/50
MPP 1531	013/23654		June Han	1	0/50
MPP 1531	014/76116		Sue Anne Kahn	1	1/50
MPP 1531	015/62880		Ah-ling Neu	1	0/50
MPP 1531	016/65334		Muneko Otani	1	5/50
MPP 1531	017/23456		Susan Palma-Nidel	1	5/50
MPP 1531	018/64039		Richard Rood	1	6/50
MPP 1531	019/63798		Susan Rotholz	1	3/50
MPP 1531	020/25903		Jessica Thompson	1	0/50
MPP 1531	021/70498		James Wilson	1	3/50

**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](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1541**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/21477		Christine Correa	1	10/50
MPP 1541	002/76626		Bruce Barth	1	5/50
MPP 1541	003/13338		Bruce Barth	1	4/50
MPP 1541	004/21225		Vince Cherico	1	10/50
MPP 1541	005/27394		Victor Lin	1	16/50
MPP 1541	006/17437		Ole Mathisen	1	2/50
MPP 1541	007/22266		Ole Mathisen	1	3/50
MPP 1541	008/12445		Ole Mathisen	1	26/50
MPP 1541	009/24773		Don Sickler	1	14/50

**Spring 2019: MPP UN1541**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/69419		Christine Correa	1	9/50
MPP 1541	002/15512		Bruce Barth	1	5/50
MPP 1541	003/60692		Bruce Barth	1	4/50
MPP 1541	004/24446		Vince Cherico	1	7/50
MPP 1541	005/74995		Victor Lin	1	9/50
MPP 1541	006/76325		Ole Mathisen	1	3/50
MPP 1541	007/70306		Ole Mathisen	1	0/50
MPP 1541	008/11282		Ole Mathisen	1	10/50
MPP 1541	009/29666		Don Sickler	1	12/50
MPP 1541	010/62525		Ole Mathisen	1	10/50

**MPP UN1551 World Music Ensemble. 1 point.**

Prerequisites: Auditions are required. Sign up for an audition on MPP website: [www.mpp.music.columbia.edu](http://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](mailto:mpp@columbia.edu)

**Fall 2018: MPP UN1551**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/64482		James Kerr	1	4/50
MPP 1551	002/27707		Louise Sasaki	1	4/50
MPP 1551	003/14813		James Schlefer	1	1/50
MPP 1551	004/26138		Masayo Tokue	1	1/50
MPP 1551	005/23964		Jeff Warschauer	1	0/50

MPP 1551	006/62881	Vince Cherico	1	9/50
MPP 1551	007/72705	Taoufik Ben-Amor	1	5/50

**Spring 2019: MPP UN1551**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/28964		James Kerr	1	4/50
MPP 1551	002/24465	Th 6:00pm - 7:30pm Room TBA	Louise Sasaki	1	3/50
MPP 1551	003/19975	Th 3:00pm - 4:30pm Room TBA	James Schlefer	1	2/50
MPP 1551	004/72428	Th 4:30pm - 6:00pm Room TBA	Masayo Tokue	1	3/50
MPP 1551	005/17236	M 7:30pm - 9:30pm Room TBA	Jeff Warschauer	1	0/50
MPP 1551	006/61226		Sebastian Cruz	1	5/50
MPP 1551	007/26704	F 10:00am - 12:00pm Room TBA	Taoufik Ben-Amor	1	7/50

**OF RELATED INTEREST**



# PHILOSOPHY

**Departmental Office:** 708 Philosophy; 212-854-3196  
www.philosophy.columbia.edu

**Director of Undergraduate Studies:** David Albert, 717  
Philosophy; 212-854-4884; 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](mailto:reidhall@columbia.edu). For information on applicability of Reid Hall courses to the major or concentration, consult the director of undergraduate studies.

## GRADING

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

## SENIOR THESIS

Undergraduates majoring in Philosophy or Economics-Philosophy may propose to write a senior thesis. Students who wish to write a thesis should approach a faculty member at the end of their junior or beginning of their senior year, and begin working on the proposal early in the fall semester of their senior year. Proposals are due in early December, and will be reviewed by a committee which will include the Director of Undergraduate Studies; students will be notified of the committee's decision within two weeks. Students whose proposals are approved should register for their faculty advisor's section of Supervised Independent Research for the spring term of the senior year. Theses are due in early April.

Students who have a grade point average of 3.6 or above in the major and who complete a thesis will be placed into consideration for departmental honors, though any senior may complete a thesis regardless of their grade point average (upon approval of the proposal).

See the full policy and procedure concerning senior theses on the departmental webpage:

<http://philosophy.columbia.edu/content/senior-thesis-philosophy>

## DEPARTMENTAL HONORS

Departmental honors are highly competitive. Normally no more than 10% of the majors graduating in the department each year will receive departmental honors.

In order to qualify for departmental honors in philosophy, a student must have a grade point average of at least 3.6 in the major.

For students with a GPA of 3.6 or above, there are two possible routes to consideration:

1. A student may complete a senior thesis; those students who complete senior theses will automatically be considered for honors without having to be nominated.
2. A student may be nominated by a faculty member early in the spring semester of the senior year; nominated students will be invited to submit a writing sample at least 15 pages in length. A nominated student who is also writing a thesis may submit their thesis as the writing sample, or may choose to submit a different work.

Both the senior theses and writing samples are due in early April. The departmental honors committee will then review the submitted material and the academic records of the writers, and will report to the full faculty.

The full faculty will then decide which students to recommend for departmental honors to the Columbia College and General Studies administrations.

## PROFESSORS

David Albert  
Akeel Bilgrami  
Taylor Carman (Barnard)

Haim Gaifman  
 Lydia Goehr  
 Robert Gooding-Williams  
 Axel Honneth  
 Jenann Ismael  
 Patricia Kitcher  
 Philip Kitcher  
 Wolfgang Mann  
 Christia Mercer  
 Michele Moody-Adams  
 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)  
 John Morrison (Barnard)  
 Una Stojnić  
 Kathryn Tabb

## 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

PHIL UN2201 History of Philosophy II: Aquinas  
to Kant

PHIL UN3411 Symbolic Logic

At least one course in either metaphysics or epistemology e.g., PHIL W3960, or a related course to be chosen in consultation with the director of undergraduate studies.

Select at least one course in either ethics or social and political philosophy from the following:

PHIL UN2702 Contemporary Moral Problems

PHIL UN3701 Ethics

PHIL UN3751 Political Philosophy

A related course to be chosen in consultation with the director of undergraduate studies.

PHIL UN3912 Seminar

## 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 2018

### PHIL UN1010 Methods and Problems of Philosophical Thought. 3 points.

Critical introduction to philosophical problems, ideas and methods.

#### Fall 2018: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/25824	M W 11:40am - 12:55pm 602 Hamilton Hall	Akeel Bilgrami	3	61/80

#### Spring 2019: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/26477	M W 11:40am - 12:55pm 717 Hamilton Hall	Melissa Fusco	3	53/84

### PHIL UN2003 Philosophy of Art. 3 points.

This is an introductory course in the Philosophy of Art. We will consider questions including (but not limited to) the following: What is art? Should we try to define art? What is taste? What are the conditions for aesthetic judgement? What is an aesthetic experience? We shall also consider the topics of "public art", "fakes and forgeries," "art and technology" and the philosophical implications of speaking of an "artworld."

#### Fall 2018: PHIL UN2003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2003	001/64572	M W 8:40am - 9:55am 517 Hamilton Hall	Lydia Goehr	3	61/80

### 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 2018: PHIL UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2100	001/05941	M W 2:40pm - 3:55pm 203 Diana Center	Kyle Driggers	3	10/40

### 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 2018: PHIL UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2101	001/71623	T Th 10:10am - 11:25am 517 Hamilton Hall	Dhananjay Jagannathan	4	56/80

**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 2018: PHIL UN3252**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3252	001/74094	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Christopher Peacocke	3	24/80

**PHIL UN3264 19th Century Philosophy: Hegel. 3 points.**

Prerequisites: PHIL UN2201 or PHIL UN3251

Examines major themes of Hegel's philosophy, with emphasis on social and political thought. Topics include Hegel's critique of Kant, the possibility of metaphysics, the master-slave dialectic, and the role of freedom in a rational society. Readings from Kant's Third Critique help explain how Hegel's project develops out of Kant's transcendental idealism. Some knowledge of Kant's moral theory and his Critique of Pure Reason is presupposed. Prerequisite: at least one of PHIL UN2201, PHIL UN2301, or PHIL UN3251.

**PHIL UN3411 Symbolic Logic. 4 points.**

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

Corequisites: *PHIL V3413* Required Discussion Section (0 points). Advanced introduction to classical sentential and predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable. This course has unrestricted enrollment.

**Fall 2018: PHIL UN3411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/67835	M W 4:10pm - 5:25pm 203 Mathematics Building	Tamar Lando	4	66/80

**Spring 2019: PHIL UN3411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/17570	T Th 11:40am - 12:55pm 428 Pupin Laboratories	Achille Varzi	4	89/84

**PHIL UN3551 Philosophy of Science. 3 points.**

Enrollment limited to 40.

Prerequisites: one philosophy course or the instructor's permission.

Philosophical problems within science and about the nature of scientific knowledge in the 17th-20th centuries. Sample problems: causation and scientific explanation; induction and real kinds; verification and falsification; models, analogies and simulations; the historical origins of the modern sciences; scientific revolutions; reductionism and supervenience; differences between physics, biology and the social sciences; the nature of life; cultural evolution; human nature; philosophical issues in cosmology.

**Fall 2018: PHIL UN3551**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3551	001/67102	T Th 2:40pm - 3:55pm 517 Hamilton Hall	David Albert	3	25/80

**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 2018: PHIL UN3601**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3601	001/74671	T Th 11:40am - 12:55pm 717 Hamilton Hall	Achille Varzi	4	73/86

**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 2018: PHIL UN3701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/72729	M W 1:10pm - 2:25pm 602 Hamilton Hall	Katja Vogt	4	55/80

**Spring 2019: PHIL UN3701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/26909	M W 2:40pm - 3:55pm 602 Hamilton Hall	Michele Moody-Adams	4	72/84

**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.

**Fall 2018: PHIL UN3751**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3751	001/09606	T Th 10:10am - 11:25am 325 Milbank Hall	Naomi Dershowitz	3	14/40

**PHIL UN3752 Philosophy of Law. 3 points.**

This course explores philosophical reflection on the relationship between law, society and morality. We discuss the nature of law, the nature of legal reasoning, the relationship between law and social policy, and central concepts in civil and criminal law. Readings are drawn from such sources as the natural law tradition, legal positivism, legal realism, and Critical Legal Theory. Readings will be supplemented by analysis of classic cases.

**Fall 2018: PHIL UN3752**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3752	001/71033	M W 2:40pm - 3:55pm 517 Hamilton Hall	Michele Moody-Adams	3	62/80

**PHIL UN3840 The Nature and Significance of Animal Minds. 3 points.**

Humans have a complicated relationship with other animals. We love them, befriend them and save them. We hunt, farm and eat them. We experiment on and observe them to discover more about them and to discover more about ourselves. For many of us, our pets are amongst the most familiar inhabitants of our world. Yet when we try to imagine what is going on in a dog or cat's mind--let alone that of a crow, octopus or bee--many of us are either stumped about how to go about this, or (the science strongly suggests) getting things radically wrong. Is our thought about and behavior towards animals ethically permissible, or even consistent, Can we reshape our habits of thought about animals to allow for a more rational, richer relationship with the other inhabitants of our planet? In this course, students will reflect on two closely intertwined questions: an ethical question, what sort of relationship ought we to have with animals?; and a metaphysical question, what is the nature of animal minds? Readings will primarily be from philosophy and ethics and the cognitive sciences, with additional readings from literature and biology. There are no prerequisites for this class--it will be helpful but certainly not necessary to have taken previous classes in philosophy (especially ethics and philosophy of mind) or in cognitive science.

**Fall 2018: PHIL UN3840**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3840	001/78441	W 12:10pm - 2:00pm 716 Philosophy Hall	Simon Brown	3	14/15

**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 2018: PHIL UN3912**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	005/62980	T 6:10pm - 8:00pm 716 Philosophy Hall	Justin Clarke-Doane	3	14/20
PHIL 3912	010/92202	M 4:10pm - 6:00pm 501 International Affairs Bldg	Akeel Bilgrami	3	10/20
PHIL 3912	014/71781	T 12:10pm - 2:00pm 716 Philosophy Hall	Robert Gooding-Williams	3	16/20

**Spring 2019: PHIL UN3912**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	005/01254	T 4:10pm - 6:00pm L1017 Milstein Center	Naomi Dershowitz	3	10/20
PHIL 3912	018/04566	M 6:10pm - 8:00pm 716 Philosophy Hall	Achille Varzi	3	18/20

**PHIL UN3997 Supervised Senior Research. 3 points.**

Supervised research under the direction of individual members of the department.

**Fall 2018: PHIL UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	001/64115		David Albert	3	2/5
PHIL 3997	002/12282		Akeel Bilgrami	3	1/5
PHIL 3997	003/63248		Taylor Carman	3	0/5
PHIL 3997	004/17731		Justin Clarke-Doane	3	0/5
PHIL 3997	005/21818		John Collins	3	0/5
PHIL 3997	006/70977		Melissa Fusco	3	0/5
PHIL 3997	007/64842		Haim Gaifman	3	3/5
PHIL 3997	008/18295		Lydia Goehr	3	0/5
PHIL 3997	009/18228		Robert Gooding-Williams	3	0/5
PHIL 3997	010/17171		Axel Honneth	3	0/5
PHIL 3997	011/64231		Dhananjay Jagannathan	3	0/5

PHIL 3997 012/23645	Patricia Kitcher	3	0/5
PHIL 3997 013/15337	Philip Kitcher	3	0/5
PHIL 3997 014/63289	Tamar Lando	3	0/5
PHIL 3997 015/14847	Karen Lewis	3	1
PHIL 3997 016/23815	Wolfgang Mann	3	0/5
PHIL 3997 017/25722	Christia Mercer	3	1/5
PHIL 3997 018/70899	Michele Moody-Adams	3	0/5
PHIL 3997 019/20996	John Morrison	3	0/5
PHIL 3997 020/68788	Frederick Neuhaus	3	0/5
PHIL 3997 021/60736	Christopher Peacocke	3	0/5
PHIL 3997 022/75782	Carol Rovane	3	0/5
PHIL 3997 023/74501	Una Stojnic	3	0/5
PHIL 3997 024/18698	Kathryn Tabb	3	0/5
PHIL 3997 025/27791	Achille Varzi	3	1/5
PHIL 3997 026/72786	Katja Vogt	3	0/5
PHIL 3997 027/02506	Frederick Neuhaus	3	1

**Spring 2019: PHIL UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997 001/29410			David Albert	3	0/5
PHIL 3997 002/27988			Akeel Bilgrami	3	2/5
PHIL 3997 003/01465			Taylor Carman	3	3
PHIL 3997 004/15820			Justin Clarke-Doane	3	2/5
PHIL 3997 005/62151			John Collins	3	0/5
PHIL 3997 006/68024			Melissa Fusco	3	0/5
PHIL 3997 007/63259			Haim Gaifman	3	0/5
PHIL 3997 008/27974			Lydia Goehr	3	0/5
PHIL 3997 009/24333			Robert Gooding-Williams	3	3/5
PHIL 3997 010/11993			Axel Honneth	3	0/5
PHIL 3997 011/26797			Dhananjay Jagannathan	3	1/5
PHIL 3997 012/27023			Patricia Kitcher	3	1/5
PHIL 3997 013/25355			Philip Kitcher	3	1/5
PHIL 3997 014/02668			Karen Lewis	3	0
PHIL 3997 016/23233			Wolfgang Mann	3	0/5
PHIL 3997 017/12064			Christia Mercer	3	0/5

PHIL 3997 018/08563	John Morrison	3	0
PHIL 3997 019/09374	Frederick Neuhaus	3	0
PHIL 3997 022/73444	Christopher Peacocke	3	0/5
PHIL 3997 023/26047	Carol Rovane	3	2/5
PHIL 3997 024/15106	Una Stojnic	3	0/5
PHIL 3997 025/74190	Kathryn Tabb	3	1/5
PHIL 3997 026/77535	Achille Varzi	3	3/5
PHIL 3997 027/23554	Katja Vogt	3	1/5
PHIL 3997 028/18323	Michele Moody-Adams	3	1/5

**PHIL GU4100 Paradoxes. 3 points.**

Various paradoxes, from many areas, including mathematics, physics, epistemology, decision theory and ethics, will be analyzed. The goal is to find what such paradoxes imply about our ways of thinking, and what lessons can be derived. Students will have a choice to focus in their papers on areas they are interested in.

**Fall 2018: PHIL GU4100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4100 001/61420		W 10:10am - 12:00pm 716 Philosophy Hall	Haim Gaifman	3	3/80

**PHIL GU4424 Modal Logic. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

**Fall 2018: PHIL GU4424**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4424 001/60727		M 6:10pm - 8:00pm 963 Ext Schermerhorn Hall	Tamar Lando	3	14/40

**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 2018: PHIL GU4561**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4561 001/22937		M 12:10pm - 2:00pm 516 Hamilton Hall	Haim Gaifman	3	15/40

## SPRING 2019

### PHIL UN1010 Methods and Problems of Philosophical Thought. 3 points.

Critical introduction to philosophical problems, ideas and methods.

#### Fall 2018: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/25824	M W 11:40am - 12:55pm 602 Hamilton Hall	Akeel Bilgrami	3	61/80

#### Spring 2019: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/26477	M W 11:40am - 12:55pm 717 Hamilton Hall	Melissa Fusco	3	53/84

### 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 2019: PHIL UN3251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3251	001/26739	M W 1:10pm - 2:25pm 602 Hamilton Hall	Patricia Kitcher	3	59/84

### 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 2018: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/67835	M W 4:10pm - 5:25pm 203 Mathematics Building	Tamar Lando	4	66/80

#### Spring 2019: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/17570	T Th 11:40am - 12:55pm 428 Pupin Laboratories	Achille Varzi	4	89/84

### 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 2018: PHIL UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/72729	M W 1:10pm - 2:25pm 602 Hamilton Hall	Katja Vogt	4	55/80

#### Spring 2019: PHIL UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/26909	M W 2:40pm - 3:55pm 602 Hamilton Hall	Michele Moody-Adams	4	72/84

### 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 2018: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	005/62980	T 6:10pm - 8:00pm 716 Philosophy Hall	Justin Clarke-Doane	3	14/20
PHIL 3912	010/92202	M 4:10pm - 6:00pm 501 International Affairs Bldg	Akeel Bilgrami	3	10/20
PHIL 3912	014/71781	T 12:10pm - 2:00pm 716 Philosophy Hall	Robert Gooding-Williams	3	16/20

#### Spring 2019: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	005/01254	T 4:10pm - 6:00pm L1017 Milstein Center	Naomi Dershowitz	3	10/20
PHIL 3912	018/04566	M 6:10pm - 8:00pm 716 Philosophy Hall	Achille Varzi	3	18/20

### PHIL UN3960 Epistemology. 4 points.

Discussion Section Required

Corequisites: *PHIL W3963* Required Discussion Section (0 points).

What can we know? What is knowledge? What are the different kinds of knowledge? We will read classic and contemporary texts for insight into these questions.

#### Spring 2019: PHIL UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3960	001/70122	M W 6:10pm - 7:25pm 702 Hamilton Hall	Justin Clarke-Doane	4	54/84

### PHIL UN3997 Supervised Senior Research. 3 points.

Supervised research under the direction of individual members of the department.

Fall 2018: PHIL UN3997						PHIL 3997 004/15820	Justin Clarke-Doane	3	2/5		
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
PHIL 3997	001/64115		David Albert	3	2/5	PHIL 3997 005/62151	John Collins	3	0/5		
PHIL 3997	002/12282		Akeel Bilgrami	3	1/5	PHIL 3997 006/68024	Melissa Fusco	3	0/5		
PHIL 3997	003/63248		Taylor Carman	3	0/5	PHIL 3997 007/63259	Haim Gaifman	3	0/5		
PHIL 3997	004/17731		Justin Clarke-Doane	3	0/5	PHIL 3997 008/27974	Lydia Goehr	3	0/5		
PHIL 3997	005/21818		John Collins	3	0/5	PHIL 3997 009/24333	Robert Gooding-Williams	3	3/5		
PHIL 3997	006/70977		Melissa Fusco	3	0/5	PHIL 3997 010/11993	Axel Honneth	3	0/5		
PHIL 3997	007/64842		Haim Gaifman	3	3/5	PHIL 3997 011/26797	Dhananjay Jagannathan	3	1/5		
PHIL 3997	008/18295		Lydia Goehr	3	0/5	PHIL 3997 012/27023	Patricia Kitcher	3	1/5		
PHIL 3997	009/18228		Robert Gooding-Williams	3	0/5	PHIL 3997 013/25355	Philip Kitcher	3	1/5		
PHIL 3997	010/17171		Axel Honneth	3	0/5	PHIL 3997 014/02668	Karen Lewis	3	0		
PHIL 3997	011/64231		Dhananjay Jagannathan	3	0/5	PHIL 3997 016/23233	Wolfgang Mann	3	0/5		
PHIL 3997	012/23645		Patricia Kitcher	3	0/5	PHIL 3997 017/12064	Christia Mercer	3	0/5		
PHIL 3997	013/15337		Philip Kitcher	3	0/5	PHIL 3997 018/08563	John Morrison	3	0		
PHIL 3997	014/63289		Tamar Lando	3	0/5	PHIL 3997 019/09374	Frederick Neuhouser	3	0		
PHIL 3997	015/14847		Karen Lewis	3	1	PHIL 3997 022/73444	Christopher Peacocke	3	0/5		
PHIL 3997	016/23815		Wolfgang Mann	3	0/5	PHIL 3997 023/26047	Carol Rovane	3	2/5		
PHIL 3997	017/25722		Christia Mercer	3	1/5	PHIL 3997 024/15106	Una Stojnic	3	0/5		
PHIL 3997	018/70899		Michele Moody-Adams	3	0/5	PHIL 3997 025/74190	Kathryn Tabb	3	1/5		
PHIL 3997	019/20996		John Morrison	3	0/5	PHIL 3997 026/77535	Achille Varzi	3	3/5		
PHIL 3997	020/68788		Frederick Neuhouser	3	0/5	PHIL 3997 027/23554	Katja Vogt	3	1/5		
PHIL 3997	021/60736		Christopher Peacocke	3	0/5	PHIL 3997 028/18323	Michele Moody-Adams	3	1/5		
PHIL 3997	022/75782		Carol Rovane	3	0/5	PHIL UN3998 Supervised Individual Research. 3 points.					
PHIL 3997	023/74501		Una Stojnic	3	0/5	Spring 2019: PHIL UN3998					
PHIL 3997	024/18698		Kathryn Tabb	3	0/5	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	025/27791		Achille Varzi	3	1/5	PHIL 3998 001/74453			David Albert	3	0/5
PHIL 3997	026/72786		Katja Vogt	3	0/5	PHIL 3998 002/62851			Akeel Bilgrami	3	0/5
PHIL 3997	027/02506		Frederick Neuhouser	3	1	PHIL 3998 003/05601			Taylor Carman	3	0
Spring 2019: PHIL UN3997						PHIL 3998 004/13821			Justin Clarke-Doane	3	0/5
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	PHIL 3998 005/75532			John Collins	3	0/5
PHIL 3997	001/29410		David Albert	3	0/5	PHIL 3998 006/61264			Melissa Fusco	3	0/5
PHIL 3997	002/27988		Akeel Bilgrami	3	2/5	PHIL 3998 007/67148			Haim Gaifman	3	0/5
PHIL 3997	003/01465		Taylor Carman	3	3	PHIL 3998 008/70047			Lydia Goehr	3	0/5



PHIL 3998	009/23107	Robert Gooding-Williams	3	0/5
PHIL 3998	010/62854	Axel Honneth	3	0/5
PHIL 3998	011/20154	Dhananjay Jagannathan	3	0/5
PHIL 3998	012/10605	Patricia Kitcher	3	0/5
PHIL 3998	013/60968	Philip Kitcher	3	1/5
PHIL 3998	014/05620	Karen Lewis	3	0
PHIL 3998	016/17046	Wolfgang Mann	3	0/5
PHIL 3998	017/76965	Christia Mercer	3	0/5
PHIL 3998	018/04538	John Morrison	3	0
PHIL 3998	019/01144	Frederick Neuhouser	3	0
PHIL 3998	022/63245	Christopher Peacocke	3	0/5
PHIL 3998	023/15781	Carol Rovane	3	0/5
PHIL 3998	024/27143	Una Stojnic	3	0/5
PHIL 3998	025/73750	Kathryn Tabb	3	0/5
PHIL 3998	026/10836	Achille Varzi	3	1/5
PHIL 3998	027/16028	Katja Vogt	3	0/5
PHIL 3998	028/22210	Michele Moody-Adams	3	0/5

**PHIL GU4140 Hellenistic Philosophy. 3 points.**  
**Not offered during 2018-19 academic year.**

Ancient scepticism, and ancient debates between sceptics and non-sceptical philosophers. Topics include: belief, criteria of truth, proof, concepts, Stoic theory of cognitive impressions, Epicurean claim "all sense-perceptions are true," appearances, belief and action, belief and language.

**Spring 2019: PHIL GU4140**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4140	001/73859	M 10:10am - 12:00pm 716 Philosophy Hall	Katja Vogt	3	41/42

**PHIL GU4331 Classical American Philosophy. 3 points.**  
**Not offered during 2018-19 academic year.**

Prerequisites: One course in philosophy or permission of the instructor

This is a course in the central figures, theories, and works of the classic period in American Philosophy. The course focuses on pragmatism and the major pragmatists—Charles Sanders Peirce (1839-1914), William James (1842-1910), and John Dewey (1859-1952). Students will also read Josiah Royce (1855-1916) as the foremost defender of absolute idealism and neo-Hegelianism in the United States and George Santayana (1863-1952) as a

representative of American realism. The course will strongly emphasize primary sources.

**Spring 2019: PHIL GU4331**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4331	001/68370	M 10:10am - 12:00pm 304 Hamilton Hall	Philip Kitcher	3	33/42

**PHIL GU4495 Perception. 3 points.**

This course addresses the fabulously rich range of issues about the nature of perception, including: perceptual mental representation and its content; computational explanation; justifying beliefs; knowledge and thought about perception; and perception of music. Perception is an interdisciplinary subject par excellence. Readings will be drawn from philosophy and psychology, aesthetics, and artificial intelligence.

**CSPH GU4801 Mathematical Logic I. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Syntax and semantics; deductive systems; completeness and compactness theorems; first order calculi; Godel's completeness theorem; basic model theory, Skolem functions; Skolem-Lowenheim theorems.

**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 2019: PHIL GU4810**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4810	001/21109	T 12:10pm - 2:00pm 716 Philosophy Hall	Tamar Lando	3	8/42

**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 2019: ECPH GU4950**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPH 4950	001/29712	T 10:10am - 12:00pm 716 Philosophy Hall	Brendan O'Flaherty, Philip Kitcher	4	8/20

**PHIL GR9525 Philosophy of Language. 3 points.**

This course focuses on an advanced topic in the philosophy of language.

**Fall 2018: PHIL GR9525**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 9525	001/09893	Th 10:10am - 12:00pm 716 Philosophy Hall	Karen Lewis	3	11

**Spring 2019: PHIL GR9525**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 9525	001/27932	W 2:10pm - 4:00pm 716 Philosophy Hall	Una Stojnic	3	7/42

**PHIL GR9658 Advanced Topics in the Philosophy of Mind. 3 points.**

This seminar will be concerned with the right way of conceiving of the relation between the metaphysics of some domain on the one hand, and the mental representation, in intentional contents, and in language, of elements of that domain on the other. Is the metaphysics philosophically prior in the order of explanation to the theory intentional content and the theory of meaning? Or is some other account of the order of explanation correct? And what are the ramifications of different answers to these questions? The seminar will consider these issues both in general terms, and as they arise in particular domains, including: magnitudes; time; the self; abstract objects (we may also be able to cover other areas). The seminar will serve both as an introduction to the issues, with relevant background reading assigned, and as a presentation of some new positions on the issues.

**Spring 2019: PHIL GR9658**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 9658	001/26094	T 4:00pm - 7:00pm Room TBA	Christopher Peacocke	3	3/42
PHIL 9658	001/26094	M 6:00pm - 7:00pm 201a Philosophy Hall	Christopher Peacocke	3	3/42

# PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS

**Departmental Office:** 336 Dodge Physical Fitness Center; 212-854-3439; [perec.columbia.edu](http://perec.columbia.edu) (<http://bulletin.columbia.edu/columbia-college/departments-instruction/physical-education-intercollegiate-athletics/perec.columbia.edu>)

**Director of Undergraduate Studies:** Director of Physical Education and Recreation, Jeffrey Ryder, 332 Dodge Physical Fitness Center; [jr3786@columbia.edu](mailto:jr3786@columbia.edu); 212-854-4001

**Departmental Administrative:** Belgica Ramirez, 212-854-3439; [br12@columbia.edu](mailto: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  
 Jesse Agel  
 Michael Aufrichtig  
 Jean Bain  
 Bonnie Baker  
 Caroline Blum  
 James Bolster  
 Christie Bonn  
 Diana Caskey  
 Jesse Chapman  
 Brian Chenoweth  
 India Choquette  
 Demerae Christianson  
 Nathaniel Clark  
 Tyler Cordell  
 Pete Cruz  
 Aphrodite Daphnis  
 Derek Davis  
 Jesse DePalo  
 Pat Desir  
 Scott Donie  
 Kara Dubbs  
 Darius Ducre  
 Lauren Dudziak  
 Samantha Fahey  
 Aliza Feuerstein  
 Bid Goswami  
 Elizabeth Grubb  
 Jumpei Harada  
 Jessica Harrington  
 Matt Herhal  
 Andrew Hess  
 Colleen Irby  
 Brian Jines  
 Lauren Kahn  
 Luke Kelly  
 Amphone Keovongmanysar  
 Anastasia Kirtiklis  
 Andrew Laiosa  
 Gustavo Leal  
 SeoungWoo Lee  
 Peggy Levine  
 Frank Lisante  
 Yoichiro Matsumura  
 James McDermott  
 Kelly McPartland  
 Gaurav Misra  
 Richard Mueller  
 Sara Negrette  
 Caroline Nelson-Nichols  
 Ed Nickoloff  
 Joseph Nord  
 Molly O'Donnell  
 Joshua Osit  
 Pepper Pavlish

Sarah Perron  
 Ken Pollard  
 Dillon Pottish  
 Arielle Robinson  
 Greg Rosnick  
 Allison Salter  
 Steven Santos  
 Joanne Schickerling  
 Anne Marie Skylis  
 Maraya Slatter  
 Jen Spicer  
 Marquise Stancil  
 Erik Supplee  
 Dan Tischler  
 Steve Santos  
 Samantha Warren  
 Amy Weeks

### PHED UN1001 Physical Education Activities. 1 point.

This class is designed for students to develop and play a variety of recreational sports. Students will become familiar with a variety of sports that are played recreationally throughout the country, such as soccer, team handball, ultimate Frisbee, flag football, and kickball. Emphasis is placed on the basic skills and techniques, strategies, and elements of play for each sport. 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 Web site, [perec.columbia.edu](http://perec.columbia.edu)

#### Fall 2018: PHED UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1001	001/13888	M W 9:10am - 10:00am Room TBA	James Bolster, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	20/18
PHED 1001	002/22948	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jamie Botti	1	23/28
PHED 1001	003/72325	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christie Bonn	1	28/25
PHED 1001	004/60497	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis,	1	11/10



			Jeffrey Ryder, Scott Donie							Lee, Jeffrey Ryder		
PHED 1001	005/61732	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jean Bain	1	20/20	PHED 1001	018/66368	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Nathaniel Clark	1	27/25	
PHED 1001	006/77287	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Yoichiro Matsumura, Anne Skylis, Jeffrey Ryder	1	24/30	PHED 1001	020/24611	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aliza Feuerstein	1	21/25	
PHED 1001	007/69957	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aphrodite Daphnis	1	26/20	PHED 1001	021/63422	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Lauren Dudziak	1	23/25	
PHED 1001	008/22941	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Theodore Cowling	1	26/25	PHED 1001	022/74346	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Derek Davis, Jeffrey Ryder	1	11/10	
PHED 1001	009/69044	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Caroline Blum, Anne Skylis, Jeffrey Ryder	1	16/18	PHED 1001	024/12558	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tyler Cordell	1	17/20	
PHED 1001	011/72175	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Yoichiro Matsumura, Anne Skylis, Jeffrey Ryder	1	17/30	PHED 1001	025/22360	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sarah Perron	1	28/28	
PHED 1001	012/28639	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Lauren Kahn	1	14/15	PHED 1001	026/25378	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Peggy Levine, Anne Skylis, Jeffrey Ryder	1	29/34	
PHED 1001	014/60055	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Kelly McPartland	1	13/15	PHED 1001	027/12560	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christopher Sachvie	1	13/15	
PHED 1001	016/18994	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Allison Salter, Jeffrey Ryder	1	27/25	PHED 1001	030/60615	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Jessica Harrington, Anne Skylis, Jeffrey Ryder	1	25/28	
PHED 1001	017/29520	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, SeoungWoo	1	16/22	PHED 1001	031/12559	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tamara Sagadore	1	24/25	

PHED 1001	032/66714	T Th 8:10am - 9:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Erik Supplee	1	23/25	PHED 1001	043/24667	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Brian Jines, Anne Skylis, Jeffrey Ryder	1	21/20
PHED 1001	034/83549	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Stancil Marquise, Jesse Chapman	1	9/15	PHED 1001	044/27841	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Richard Mueller, Anne Skylis, Jeffrey Ryder	1	13/15
PHED 1001	035/15908	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Dan Tischler, Jeffrey Ryder	1	24/25	PHED 1001	046/64176	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jumpie Harada, Jeffrey Ryder	1	22/25
PHED 1001	036/23474	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Brian Chenoweth, Maraya Slatter	1	18/25	PHED 1001	047/77180	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sara Negrette	1	14/15
PHED 1001	037/27007	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Joanne Schickerling, Jeffrey Ryder	1	15/15	PHED 1001	048/17678	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jamie Botti	1	28/28
PHED 1001	038/76372	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Amber Cannady	1	24/25	PHED 1001	049/73553	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Michael Aufrechtig, Jeffrey Ryder	1	26/22
PHED 1001	039/69263	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	13/15	PHED 1001	050/11356	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Bonnie Baker, Anne Skylis, Jeffrey Ryder	1	25/29
PHED 1001	040/63015	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Gustavo Leal, Jeffrey Ryder	1	16/18	PHED 1001	051/72253	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Samantha Warren, Jeffrey Ryder	1	19/22
PHED 1001	041/71799	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Cassandra Vondrak	1	30/31	PHED 1001	053/19222	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	32/28
PHED 1001	042/29096	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Demerae Christianson	1	20/20	PHED 1001	054/23688	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Amphone Keovongmanysar, Jeffrey Ryder, Samantha Fahey	1	23/24

PHED 1001	055/20747	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, India Choquette, Jeffrey Ryder	1	14/19
PHED 1001	056/63359	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Luke Kelly	1	14/20
PHED 1001	057/23030	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Joseph Nord, Kyle Massey	1	17/25
PHED 1001	058/29766	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jennifer Spicer	1	23/25
PHED 1001	060/71578	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	20/28
PHED 1001	064/76678	W 6:30pm - 10:30pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	11/14
PHED 1001	065/28853	Th 7:30pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	18/14
PHED 1001	067/73494	Th 9:00pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Andrew Laiosa, Jeffrey Ryder	1	15/18
PHED 1001	069/62257	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	18/18
PHED 1001	070/26233	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Kenneth Pollard, Jeffrey Ryder	1	25/30
PHED 1001	073/67871	F 10:30am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	63/60

PHED 1001	074/76948	F 11:00am - 1:00pm Room TBA	Belgica Ramirez, Gaurav Misra, Anne Skylis, Jeffrey Ryder	1	18/18
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### PHED UN1002 Physical Education Activities. *1 point.*

This class is designed for students to develop and play a variety of recreational sports. Students will become familiar with a variety of sports that are played recreationally throughout the country, such as soccer, team handball, ultimate Frisbee, flag football, and kickball. Emphasis is placed on the basic skills and techniques, strategies, and elements of play for each sport.

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 Web site, [perec.columbia.edu](http://perec.columbia.edu)

#### Spring 2019: PHED UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1002	001/62572	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Caroline Blum, Anne Skylis, Jeffrey Ryder	1	21/20
PHED 1002	002/13788	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	33/30
PHED 1002	003/69295	M W 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jesse Chapman	1	30/25
PHED 1002	004/77721	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Arielle Robinson	1	25/30
PHED 1002	005/20353	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jared Czech	1	30/25

PHED 1002	007/67118	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Diana Caskey, Anne Skylis, Jeffrey Ryder	1	23/25	PHED 1002	024/76428	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sarah Perron	1	29/30
PHED 1002	009/25889	M W 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	30/30	PHED 1002	025/26892	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Peggy Levine, Anne Skylis, Jeffrey Ryder	1	28/30
PHED 1002	010/14546	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Michael Burr	1	25/30	PHED 1002	027/76792	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Andrew Hess	1	25/25
PHED 1002	012/62003	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Lauren Dudziak	1	27/30	PHED 1002	029/72534	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jamie Botti	1	21/30
PHED 1002	013/11122	M W 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aphrodite Daphnis	1	16/15	PHED 1002	030/63355	M W 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Tamara Sagadore	1	24/25
PHED 1002	016/72502	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Daniel Rosenblum	1	28/25	PHED 1002	032/64368	T Th 8:10am - 9:00am Room TBA	Belgica Ramirez, Anne Skylis, Dan Tischler, Jeffrey Ryder	1	24/25
PHED 1002	017/12340	M W 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, SeoungWoo Lee, Jeffrey Ryder	1	23/20	PHED 1002	035/66799	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, India Choquette, Jeffrey Ryder	1	15/15
PHED 1002	020/66678	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jumpie Harada, Jeffrey Ryder	1	28/25	PHED 1002	036/24712	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Cemi Abreu, Jeffrey Ryder	1	23/25
PHED 1002	021/70791	M W 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Lauren Kahn, Kelly McPartland	1	26/25	PHED 1002	037/24894	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Stancil Marquise	1	25/25
PHED 1002	023/27705	M W 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Gregory Rosnick	1	26/25	PHED 1002	038/26655	T Th 9:10am - 10:00am Room TBA	Belgica Ramirez, Anne Skylis, Joanne Schickerling, Jeffrey Ryder	1	16/15



PHED 1002	040/62932	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anastasia Kirtiklis, Anne Skylis, Jeffrey Ryder	1	29/30				Warren, Jeffrey Ryder		
						PHED 1002	053/73490	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Aliza Feuerstein	1	27/25
PHED 1002	041/62514	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Gustavo Leal, Jeffrey Ryder	1	24/20						
						PHED 1002	054/75135	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Bonnie Baker, Anne Skylis, Jeffrey Ryder	1	21/30
PHED 1002	042/10625	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Demerae Christianson	1	20/25						
						PHED 1002	055/77674	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Amphone Keovongmanysar, Jeffrey Ryder	1	24/25
PHED 1002	043/61627	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Brian Jines, Anne Skylis, Jeffrey Ryder	1	25/25						
						PHED 1002	056/69157	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Jessica Harrington, Anne Skylis, Jeffrey Ryder	1	30/30
PHED 1002	044/28213	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Theodore Cowling	1	27/25						
						PHED 1002	057/67338	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Samantha Fahey, Kyle Massey, Olivia Raxter	1	24/25
PHED 1002	045/61660	T Th 10:10am - 11:00am Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Cassandra Vondrak	1	14/15						
						PHED 1002	058/28115	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Kyle Massey, Olivia Raxter	1	26/25
PHED 1002	047/11421	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Amber Cannady	1	26/25						
						PHED 1002	059/19402	T Th 2:10pm - 3:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christopher Sachvie	1	13/15
PHED 1002	048/28298	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Sara Negrette	1	10/15						
						PHED 1002	060/22923	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Christie Bonn	1	24/25
PHED 1002	049/22856	T Th 11:10am - 12:00pm Room TBA	Belgica Ramirez, Anastasia Kirtiklis, Anne Skylis, Jeffrey Ryder	1	30/30						
						PHED 1002	061/25857	T Th 3:10pm - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Pepper Pavlish	1	30/30
PHED 1002	051/73308	T Th 1:10pm - 2:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	13/20						
PHED 1002	052/20000	T Th 12:10pm - 1:00pm Room TBA	Belgica Ramirez, Anne Skylis, Samantha	1	26/22						

PHED 1002	063/17026	W 6:00pm - 10:00pm Room TBA	Belgica Ramirez, Anne Skylis, Peter McKay, Jeffrey Ryder	1	14/14
PHED 1002	064/10210	Th 7:30pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Peter McKay, Jeffrey Ryder	1	11/14
PHED 1002	065/66008	Th 9:00pm - 11:30pm Room TBA	Belgica Ramirez, Anne Skylis, Andrew Laiosa, Jeffrey Ryder	1	23/20
PHED 1002	067/77497	S 6:30am - 6:00pm Room TBA	Belgica Ramirez, Matthew Herhal, Anne Skylis, Jeffrey Ryder	1	45/46
PHED 1002	068/61477	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	16/20
PHED 1002	069/75820	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Kenneth Pollard, Jeffrey Ryder	1	30/30
PHED 1002	070/19900	F 10:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	34/30
PHED 1002	071/18743	F 10:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	5/10
PHED 1002	072/20116	F 10:30am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	63/60
PHED 1002	073/64443	F 11:00am - 1:00pm Room TBA	Belgica Ramirez, Gaurav Misra, Anne Skylis, Jeffrey Ryder	1	16/18
PHED 1002	074/64754	Sa 8:00am - 4:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	38/38
PHED 1002	075/20361	S 8:00am - 5:00pm Room TBA	Belgica Ramirez,	1	38/38

PHED 1002	077/10021	F 10:00am - 12:00pm Room TBA	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Frank Lisante	1	22/30
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### 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, 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.

#### Fall 2018: PHED UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1005	001/72108		Belgica Ramirez, Anne Skylis, Derek Davis, Jeffrey Ryder	1	5/150
PHED 1005	002/24703		Belgica Ramirez, Brett Boretti, Anne Skylis, Jeffrey Ryder	1	9/150
PHED 1005	003/64100		Belgica Ramirez, Megan Griffith, Anne Skylis, Jeffrey Ryder	1	6/150
PHED 1005	005/16019		Belgica Ramirez, James Engles, Anne Skylis, Jeffrey Ryder	1	5/150
PHED 1005	006/61412		Belgica Ramirez, Anne Skylis, Emerson Curry, Jeffrey Ryder	1	10/150
PHED 1005	007/68252		Belgica Ramirez, Anne Skylis, Nicholas Parker,	1	6/150

		Jeffrey Ryder			PHED 1005	021/25892	Belgica Ramirez, Anne Skylis, Tracey Bartholomew, Jeffrey Ryder	1	11/150
PHED 1005	008/63594	Belgica Ramirez, Anne Skylis, Scott Alwin, Jeffrey Ryder	1	1/150					
PHED 1005	010/76216	Belgica Ramirez, Anne Skylis, Nicholas Parker, Jeffrey Ryder	1	7/150	PHED 1005	022/27014	Belgica Ramirez, Anne Skylis, Kevin Anderson, Jeffrey Ryder	1	16/150
PHED 1005	011/23360	Belgica Ramirez, Anne Skylis, Scott Alwin, Jeffrey Ryder	1	8/150	PHED 1005	024/68688	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Jennifer Teague	1	3/150
PHED 1005	012/28467	Belgica Ramirez, Anne Skylis, Michael Aufrichtig, Jeffrey Ryder	1	9/150	PHED 1005	025/18309	Belgica Ramirez, Diana Caskey, Anne Skylis, Jeffrey Ryder	1	22/150
PHED 1005	013/14809	Belgica Ramirez, Anne Skylis, Michael Aufrichtig, Jeffrey Ryder	1	7/150	PHED 1005	026/69607	James Bolster, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	11/150
PHED 1005	014/16853	Belgica Ramirez, Anne Skylis, Caroline Nichols, Jeffrey Ryder	1	15/150	PHED 1005	027/72763	Belgica Ramirez, Ilene Weintraub, Anne Skylis, Jeffrey Ryder	1	2/150
PHED 1005	016/25136	Belgica Ramirez, Anne Skylis, Gregory Lamb, Jeffrey Ryder	1	46/150	PHED 1005	028/73226	Bidyut Goswami, Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	5/150
PHED 1005	017/26292	Belgica Ramirez, Anne Skylis, Amy Weeks, Jeffrey Ryder	1	6/150	PHED 1005	030/71551	Belgica Ramirez, Anne Skylis, Daniel Ireland, Jeffrey Ryder	1	17/150
PHED 1005	018/62970	Belgica Ramirez, Richard Mueller, Anne Skylis, Jeffrey Ryder	1	6/150	PHED 1005	031/23960	Belgica Ramirez, Anne Skylis, Daniel Ireland, Jeffrey Ryder	1	22/150
PHED 1005	020/74499	Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Andrea Cofrin	1	19/150	PHED 1005	032/17491	Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	11/150

PHED 1005	033/18291		Belgica Ramirez, Anne Skylis, Jeffrey Ryder, Zachary Tanelli	1	18/150	PHED 1005	009/73217	Belgica Ramirez, Anne Skylis, Scott Alwin	1	11/150
						PHED 1005	010/60174	Belgica Ramirez, Anne Skylis, Michael Aufrichtig	1	6/50
PHED 1005	035/22827		Belgica Ramirez, Anne Skylis, Jacques Swanepoel, Jeffrey Ryder	1	1/150					
						PHED 1005	011/24216	Belgica Ramirez, Anne Skylis, Michael Aufrichtig	1	10/50
PHED 1005	036/73792		Belgica Ramirez, Anne Skylis, Jacques Swanepoel, Jeffrey Ryder	1	6/150	PHED 1005	012/64593	Belgica Ramirez, Anne Skylis, Caroline Nichols	1	4/50
						PHED 1005	013/62224	Belgica Ramirez, Anne Skylis, Gregory Lamb	1	14/150
PHED 1005	037/24185		Belgica Ramirez, Anne Skylis, Jeffrey Ryder	1	9/150					
						PHED 1005	014/63862	Belgica Ramirez, Anne Skylis, Amy Weeks	1	5/50
<b>Spring 2019: PHED UN1005</b>										
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>					
PHED 1005	001/65339		Belgica Ramirez, Anne Skylis, Derek Davis	1	9/50	PHED 1005	015/71959	Belgica Ramirez, Richard Mueller, Anne Skylis	1	2/50
PHED 1005	002/61326		Belgica Ramirez, Brett Boretti, Anne Skylis	1	27/50	PHED 1005	016/65635	Belgica Ramirez, Anne Skylis, Andrea Cofrin	1	10/50
PHED 1005	003/68908		Belgica Ramirez, Megan Griffith, Anne Skylis	1	3/50	PHED 1005	017/62301	Belgica Ramirez, Anne Skylis, Tracey Bartholomew	1	4/50
PHED 1005	004/21949		Belgica Ramirez, James Engles, Anne Skylis	1	1/50	PHED 1005	018/69984	Belgica Ramirez, Anne Skylis, Kevin Anderson	1	3/50
PHED 1005	005/73810		Belgica Ramirez, Anne Skylis, Emerson Curry	1	6/150	PHED 1005	019/18106	Belgica Ramirez, Anne Skylis, Jennifer Teague	1	14/50
PHED 1005	006/71317		Belgica Ramirez, Anne Skylis, Nicholas Parker	1	1/150	PHED 1005	020/69753	Belgica Ramirez, Diana Caskey, Anne Skylis	1	15/50
PHED 1005	007/71924		Belgica Ramirez, Anne Skylis, Scott Alwin	1	2/150	PHED 1005	021/65533	James Bolster, Belgica Ramirez, Anne Skylis	1	9/50
PHED 1005	008/10019		Belgica Ramirez, Anne Skylis, Nicholas Parker	1	7/150	PHED 1005	022/13612	Belgica Ramirez, Ilene Weintraub, Anne Skylis	1	6/50



PHED 1005	023/63170	Bidyut Goswami, Belgica Ramirez, Anne Skylis	1	7/50
PHED 1005	024/66015	Belgica Ramirez, Anne Skylis, Daniel Ireland	1	21/100
PHED 1005	025/66448	Belgica Ramirez, Anne Skylis, Daniel Ireland	1	22/100
PHED 1005	026/26806	Belgica Ramirez, Anne Skylis, Allison Keeley	1	3/50
PHED 1005	027/69604	Belgica Ramirez, Anne Skylis, Zachary Tanelli	1	11/50
PHED 1005	028/11986	Belgica Ramirez, Anne Skylis, Jacques Swanepoel	1	1/50
PHED 1005	029/73965	Belgica Ramirez, Anne Skylis, Jacques Swanepoel	1	6/50
PHED 1005	030/20296	Belgica Ramirez, Anne Skylis	1	7/50

**PHED UN3998 Independent Study. 1 point.**

Independent Study

**Fall 2018: PHED UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 3998	070/72256		Jeffrey Ryder	1	1/5
PHED 3998	071/16176		Jeffrey Ryder	1	1/5

**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>

**Director of Undergraduate Studies:** Dr. Jeremy Dodd, 924 Pupin; 212-854-3969; [jeremy.dodd@columbia.edu](mailto: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      General Physics Laboratory  
 - PHYS UN1292      and General Physics Laboratory II

### Engineering and Physical Science Majors:

Select one of the following sequences with accompanying laboratory course:

#### Sequence A:

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 B:

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 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.

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## 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 - PHYS UN1402 - PHYS UN2601	Introduction To Mechanics and Thermodynamics and Introduction To Electricity, Magnetism, and Optics and Physics, III: Classical and Quantum Waves
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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: Students with advanced preparation in both physics and mathematics may be eligible to take:

PHYS UN2801 - PHYS UN2802	Accelerated Physics I and Accelerated Physics II
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#### Core Physics Courses

PHYS UN3003	Mechanics
PHYS UN3007	Electricity 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/#requirementstext>

For biophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/biological-sciences/#requirementstext>

For chemical physics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/chemistry/#requirementstext>

### PHYS UN1001 Physics for Poets. 3 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.

#### Spring 2019: PHYS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1001	001/29370	M W 2:40pm - 3:55pm 428 Pupin Laboratories	Szabolcs Marka	3	98/130

### 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.

#### Spring 2019: PHYS UN1018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1018	001/24506	T Th 2:40pm - 3:55pm 301 Pupin Laboratories	Szabolcs Marka	3	98/140

#### 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 2018: PHYS UN1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1111	001/81772	F 2:10pm - 4:00pm 602 Northwest Corner	Brian Greene	3	32/32

#### 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 2018: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/67134	M W 10:10am - 11:25am 301 Pupin Laboratories	Michael Shaeviz	3	160/160
PHYS 1201	002/27989	M W 10:10am - 11:25am	Thomas Humensky	3	85/130

PHYS 1201	003/62723	428 Pupin Laboratories T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	41/130
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#### Spring 2019: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/21026	T Th 6:10pm - 7:25pm 301 Pupin Laboratories	Ana Asenjo Garcia	3	88/130

#### 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 2019: PHYS UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1202	001/62658	M W 10:10am - 11:25am 301 Pupin Laboratories	Michael Shaeviz	3	160/160
PHYS 1202	002/21868	M W 10:10am - 11:25am 428 Pupin Laboratories	Thomas Humensky	3	68/130
PHYS 1202	003/67041	T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	41/130

#### 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 2018: PHYS UN1291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291	001/15066	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	002/68737	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1291	003/74784	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291	004/61641	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15

PHYS 1291 005/20180	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1291 006/66561	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291 007/29204	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1291 008/65744	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1291 009/16330	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291 010/73254	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291 011/60486	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291 013/25188	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1291 014/13231	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291 015/15436	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1291 016/72486	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291 017/15613	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291 019/65725	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1291 020/27129	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1291 021/74330	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1291 022/22428	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15
PHYS 1291 023/62841	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	7/15
PHYS 1291 025/62078	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1291 026/28209	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15

**Spring 2019: PHYS UN1291**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291 001/64112		M 1:00pm - 4:00pm	Giuseppina Cambareri	1	11/15

PHYS 1291 002/16593	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15
PHYS 1291 003/15960	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291 004/13564	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	6/15
PHYS 1291 005/21715	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1291 006/68864	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1291 007/19662	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1291 008/29397	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15

**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 2019: PHYS UN1292**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1292 001/17272		M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1292 002/28387		M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1292 003/25342		M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292 004/21547		M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	16/15
PHYS 1292 005/29480		M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	10/15
PHYS 1292 007/16465		T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1292 008/24994		T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292 009/17323		T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	7/15
PHYS 1292 010/73202		T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	9/15
PHYS 1292 011/25081		T 7:30pm - 10:30pm	Giuseppina Cambareri	1	14/15

		5th Flr Pupin Laboratories			
PHYS 1292	013/64036	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1292	014/69296	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1292	015/10489	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	11/15
PHYS 1292	016/76361	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	12/15
PHYS 1292	017/15515	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	7/15
PHYS 1292	018/70167	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	15/15
PHYS 1292	019/60604	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15
PHYS 1292	020/16359	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1292	022/16106	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	13/15
PHYS 1292	023/74822	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1	14/15

### 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 2018: PHYS UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1401	001/73264	M W 1:10pm - 2:25pm 301 Pupin Laboratories	Emlyn Hughes	3	157/160
PHYS 1401	002/63720	T Th 10:10am - 11:25am 428 Pupin Laboratories	P. Michael Tuts	3	108/140

### 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.

### 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 2018: PHYS UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1403	001/69873	M W 11:40am - 12:55pm 428 Pupin Laboratories	Cory Dean	3	106/130

### 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.

### 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 2018: PHYS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1601	001/63370	T Th 10:10am - 11:25am 301 Pupin Laboratories	Jeremy Dodd	3.5	166/180

**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 2019: PHYS UN1602**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1602	001/61643	T Th 10:10am - 11:25am 428 Pupin Laboratories	Jeremy Dodd	3.5	123/160

**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  $E = mc^2$ .

**Fall 2018: PHYS UN2001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2001	001/96947	F 12:10pm - 2:00pm 602 Northwest Corner	Brian Greene	3	14/40

**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 2018: PHYS UN2601**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2601	001/70806	M W 2:40pm - 3:55pm 329 Pupin Laboratories	Szabolcs Marka	3.5	50/100

**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 2018: PHYS UN2801**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2801	001/63371	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Brian Cole	4.5	31/100

**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 2019: PHYS UN2802**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2802	001/20397	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Brian Cole	4.5	28/70

**PHYS UN2804 Disc Section Accelerated Physics II. 0 points.**

Required discussion section for PHYS UN2802 Accelerated Physics II.

**Spring 2019: PHYS UN2804**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2804	001/64814	W 7:10pm - 8:00pm 303 Hamilton Hall	Brian Cole	0	12/40



PHYS 2804 002/63193 Th 6:10pm - 7:00pm Brian Cole 0 12/40  
337 Seeley W. Mudd  
Building

**PHYS UN3002 From Quarks To the Cosmos: Applications of Modern Physics. 3.5 points.**

**Not offered during 2018-19 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 2019: PHYS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3003	001/24619	M W 10:10am - 11:25am 329 Pupin Laboratories	John Parsons	3	44/70

**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 2018: PHYS UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3007	001/60303	M W 11:40am - 12:55pm 329 Pupin Laboratories	Brian Metzger	3	53/100

**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 2019: PHYS UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3008	001/18741	M W 11:40am - 12:55pm 329 Pupin Laboratories	Yury Levin	3	36/70

**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 2019: PHYS UN3072

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3072	001/17100	T 5:30pm - 6:45pm 705 Pupin Laboratories	Georgia Karagiorgi	2	13/15
PHYS 3072	002/13113	T 5:30pm - 6:45pm 814 Pupin Laboratories	Yasutomo Uemura	2	15/15

**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 2018: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/10572	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Dmitri Bassov	2	7/8
PHYS 3081	002/24236	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	11/15
PHYS 3081	003/24534	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	17/15

Spring 2019: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/68073	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Cory Dean	2	12/15
PHYS 3081	002/72616	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	8/15
PHYS 3081	003/26666	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	14/15

**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 2019: PHYS UN3083

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3083	001/65877	M W 1:10pm - 4:00pm 513 Pupin Laboratories	John Parsons	3	9/12

#### 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 2018: PHYS UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3500	001/24594		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 2018: PHYS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/25689		Jeremy Dodd	1-5	14/20

#### 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 2019: PHYS GU4003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4003	001/24042	T Th 8:40am - 9:55am 420 Pupin Laboratories	Timothy Halpin-Healy	3	24/45

#### PHYS GU4011 Particle Astrophysics and Cosmology. 3 points. Not offered during 2018-19 academic year.

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 2019: PHYS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4011	001/15588	M W 1:10pm - 2:25pm 425 Pupin Laboratories	Charles Hailey	3	10/30

#### 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.

#### Fall 2018: PHYS GU4012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4012	001/63825	T Th 2:40pm - 3:55pm 414 Pupin Laboratories	William Zajc	3	14/100

#### 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 2019: PHYS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4018	001/25469	T Th 2:40pm - 3:55pm	Aron Pinczuk	3	15/30

420 Pupin  
Laboratories

### 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 2018: PHYS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4019	001/65624	M W 11:40am - 12:55pm 420 Pupin Laboratories	Alberto Nicolis	3	21/100

### 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 2018: PHYS GU4021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4021	001/75241	T Th 11:40am - 12:55pm 428 Pupin Laboratories	Emlyn Hughes	3	56/100

### 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 2019: PHYS GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4022	001/66521	T Th 11:40am - 12:55pm 420 Pupin Laboratories	Emlyn Hughes	3	44/60

### 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 2018: PHYS GU4023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4023	001/63835	T Th 1:10pm - 2:25pm 329 Pupin Laboratories	Andrew Millis	3	31/100

### 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.

#### Spring 2019: PHYS GU4024

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4024	001/73930	M W 11:40am - 12:55pm 414 Pupin Laboratories	SEBASTIAN3 WILL		16/30

### 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.

#### Spring 2019: PHYS GU4040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4040	001/24635	M W 10:10am - 11:25am 420 Pupin Laboratories	Rachel Rosen	3	35/50

### PHYS GU4050 Introduction to Particle Physics. 3 points.

Not offered during 2018-19 academic year.

Prerequisites: PHYS UN2601 or PHYS UN2802 or the equivalent.

Review of key concepts in quantum mechanics and special relativity. Conservation laws, decays, interactions, oscillations.

Atoms, nuclei, hadrons (protons and neutrons) and quarks.

Current theoretical and experimental challenges, including physics at the Large Hadron Collider.

### **PHYS GU4051 Advanced Laboratory Work. 2 points.**

Prerequisites: the instructor's permission.

The laboratory has 13 available individual experiments, of which two are required per 2 points. Each experiment requires two (four-hour) laboratory sessions. Registration is limited by the laboratory capacity. May be repeated for credit with different experiment selection. Experiments (classical and modern) cover topics in electricity, magnetism, optics, atomic physics, and nuclear physics.

#### **Fall 2018: PHYS GU4051**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4051	001/23110	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Dmitri Bassov	2	0/1
PHYS 4051	002/68775	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	0/1
PHYS 4051	003/18326	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	1/1

#### **Spring 2019: PHYS GU4051**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4051	001/13401	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Cory Dean	2	0/1
PHYS 4051	002/27196	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	2/1
PHYS 4051	003/16559	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	0/1



# 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; [dajn1@columbia.edu](mailto:dajn1@columbia.edu) [cj1@columbia.edu](mailto:cj1@columbia.edu)  
([dcj1@columbia.edu](mailto:dcj1@columbia.edu))

## Economics-Political Science Advisers:

*Economics:* Prof. Susan Elmes, Director of Undergraduate Studies,  
1006 International Affairs Building; [se5@columbia.edu](mailto:se5@columbia.edu)  
*Political Science:* Prof. Carlo Prato, 702 International Affairs  
Building; 212-854-3646; [cp2928@columbia.edu](mailto:cp2928@columbia.edu)

## Political Science-Statistics Advisers:

*Political Science:* Prof. Alessandra Casella, 1030 International  
Affairs Building; 212-854-8059; [acasella@columbia.edu](mailto:acasella@columbia.edu)  
*Statistics:* Prof. Banu Baydil, 612 West 115th Street, Room  
611; 212-853-1397; [bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
*Statistics:* Prof. Ronald Neath, 612 West 115th Street, Room  
612; 212-853-1398; [rcn2112@columbia.edu](mailto: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>). 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](mailto: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>). 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>.

## 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 (Chair)  
 Ester Fuchs (School of International and Public Affairs)  
 Andrew Gelman (also Statistics)  
 Donald P. Green  
 Bernard Harcourt (Law)  
 Fredrick Harris  
 Jeffrey Henig (Teachers College)  
 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)  
 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  
 Andreas Wimmer (Sociology)

## ASSOCIATE PROFESSORS

Shigeo Hirano  
 Turkuler Isiksel  
 Kimuli Kasara  
 Tonya Putnam

## ASSISTANT PROFESSORS

Allison Carnegie  
 Daniel Corstange (also School of International and Public Affairs)  
 Sarah Daly  
 Nikhar Gaikwad  
 John Marshall  
 Carlo Prato  
 Joshua Simon

## LECTURERS

Michelle Chun  
 Jessica Kimpell Johnson  
 Lara Nettelield  
 Chiara Superti  
 Inga Winkler

## ON LEAVE

Prof. Doyle, Elster, Fortna, Isiksel, Murillo, Shapiro, Simon  
*(2018-2019)*

Prof. Daly, Wawro *(Fall 2018)*

Prof. Betts, Kasara *(Spring 2019)*

## 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 (polisciadvise@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 (polisciadvise@columbia.edu).
- Students wishing to count transfer credits toward the major or concentration should send the Director of Undergraduate Studies 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	Introduction to 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	Analysis of Political Data
POLS GU4714	Multivariate Political Analysis
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	Applied Regression and Multilevel Models

### 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 can only count for seminar credit at the discretion of the director of undergraduate studies. Note that admission to Barnard colloquia is by application to the Barnard Political Science Department only. Please consult with the Barnard Political Science Department for more information.

## Recommended Courses

In addition to political science courses, students are strongly advised, but not required, to take six points in a related social science field.

## MAJOR IN ECONOMICS–POLITICAL SCIENCE

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 minimum of 17 courses in economics, mathematics, statistics, and political science, to be distributed 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
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	Seminar in International Politics

\* 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	Introduction to 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
or POLS UN3704	Data Analysis and Statistics for Political Science Research
POLS GU4712	Analysis of Political Data

### STATISTICS

–Students must take one of the following sequences:

Sequence A — recommended for students preparing for graduate study in statistics<sup>1</sup>

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN2010	Linear Algebra
STAT UN1201	Calculus-Based Introduction to Statistics

STAT GU4203	PROBABILITY THEORY
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STAT GU4204	Statistical Inference
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STAT GU4205	Linear Regression Models
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STAT GU4206	Statistical Computing and Introduction to Data Science
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or

Sequence B — recommended for students preparing to apply statistical methods to other fields

STAT UN1101	Introduction to Statistics
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STAT UN2102	Applied Statistical Computing
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STAT UN2103	Applied Linear Regression Analysis
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STAT UN2104	Applied Categorical Data Analysis
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STAT UN3105	Applied Statistical Methods
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STAT UN3106	Applied Data Mining
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#### Statistics Elective

–Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

- 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
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POLS UN1501	Introduction to Comparative Politics
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POLS UN1601	Introduction to International Politics
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POLS UN1101	Political Theory I
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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	Analysis of Political Data
POLS GU4714	Multivariate Political Analysis
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	Applied Regression and Multilevel Models

### Political Science Electives

Minimum two courses (in any subfield).

\* A student may take another course inside or outside the department that provides relevant training in research methods to satisfy this requirement only with the written permission in advance of the Director of Undergraduate Studies or the department's undergraduate adviser. If a course outside the political science department is used to satisfy the research methods requirement, this same course cannot be used toward other majors/concentrations or programs.

## Recommended Courses

In addition to courses in political science, students are strongly advised, but not required, to take six credits in a related social science field.

## AMERICAN POLITICS

### POLS UN3208 State Politics. 3 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 2019: POLS UN3208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3208	001/63422	T Th 8:40am - 9:55am 602 Hamilton Hall	Justin Phillips	3	82/86

### POLS UN3210 Judicial Politics. 3 points.

Law and courts as political institutions. Considers the role of the judiciary within the American system of government, power relations within the judicial hierarchy, politics of decision making on the Supreme Court, the politics of Supreme Court nominations, the role of interest groups and public opinion in shaping judicial doctrine, the social impact and legitimacy of courts, and the political history of the legal system.

### POLS 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 2019: POLS UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3213	001/74346	M W 6:10pm - 7:25pm 517 Hamilton Hall	Carlos Vargas-Ramos	3	69/86

### 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 2018: POLS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/72317	M W 10:10am - 11:25am 833 Seeley W. Mudd Building	Jeffrey Lax	3	61/100

#### POLS UN3222 The American Congress. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: *POLS W1201* or the equivalent, or 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.

#### Spring 2019: POLS UN3222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3222	001/11475	T Th 2:40pm - 3:55pm 310 Fayerweather	Gregory Wawro	3	78/96

#### POLS UN3225 American Constitutional History. 3 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 four questions: (1) How did the Supreme Court reflect and/or affect historic patterns of U.S. development? (2) How did the Supreme Court respond to, alleviate and/or exacerbate major crises and political issues in U.S. history? (3) How did the Supreme Court impact the U.S. legal and economic framework? (4) How did the Supreme Court's perception of individual and collective rights and liberties, and of the function and role of Governments — both Federal and State — evolve over time?

#### Spring 2019: POLS UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3225	001/22360	T Th 1:10pm - 2:25pm 511 Hamilton Hall	Robert Tortoriello	3	22/28

#### POLS UN3260 The Latino Political Experience. 3 points.

This course focuses on the political incorporation of Latinos into the American polity. Among the topics to be discussed are patterns of historical exclusion, the impact of the Voting Rights Act, organizational and electoral behavior, and the effects of immigration on the Latino national political agenda.

#### Fall 2018: POLS UN3260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 3260	001/68568	M W 6:10pm - 7:25pm 602 Northwest Corner	Carlos Vargas-Ramos	3	31/30
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#### 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 2018: POLS UN3285

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3285	001/21664	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Lee Bollinger	3	142/199

#### POLS UN3290 Voting and American Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Elections and public opinion; history of U.S. electoral politics; the problem of voter participation; partisanship and voting; accounting for voting decisions; explaining and forecasting election outcomes; elections and divided government; money and elections; electoral politics and representative democracy.

#### Fall 2018: POLS UN3290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3290	001/22297	T Th 8:40am - 9:55am 633 Seeley W. Mudd Building	Robert Erikson	3	60/70

## 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>

#### Fall 2018: POLS UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3921	001/10914	T 6:10pm - 8:00pm 501 International Affairs Bldg	Martha Zebrowski	4	8/18
POLS 3921	002/21528	T 12:10pm - 2:00pm	Brigitte Nacos	4	20/18

		711 International Affairs Bldg			
POLS 3921	003/63603	Th 4:10pm - 6:00pm Robert Amdur	4	20/18	
POLS 3921	004/72819	M 12:10pm - 2:00pm Judith Russell	4	20/18	
		711 International Affairs Bldg			
POLS 3921	005/62818	W 4:10pm - 6:00pm Michael Ting	4	7/18	
		1302 International Affairs Bldg			
POLS 3921	006/17182	W 6:10pm - 8:00pm Gerrard Bushell	4	16/18	
		711 International Affairs Bldg			
POLS 3921	007/74139	M 10:10am - 12:00pm Lincoln Mitchell	4	12/18	
		402 International Affairs Bldg			
POLS 3921	008/63295	W 4:10pm - 6:00pm Justin Phillips	4	16/18	
		501 International Affairs Bldg			

**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>

**Spring 2019: POLS UN3922**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3922	002/19222	W 10:10am - 12:00pm 1201 International Affairs Bldg	Robert Erikson	4	19/18
POLS 3922	004/23688	Th 4:10pm - 6:00pm 711 International Affairs Bldg	John Sivoilella	4	15/18
POLS 3922	005/20747	T 12:10pm - 2:00pm 711 International Affairs Bldg	Brigitte Nacos	4	20/21
POLS 3922	006/63359	T 6:10pm - 8:00pm 711 International Affairs Bldg	Martha Zebrowski	4	12/18
POLS 3922	007/23030	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4	21/20
POLS 3922	008/71578	M 12:10pm - 2:00pm 711 International Affairs Bldg	Judith Russell	4	17/18
POLS 3922	009/76678	W 6:10pm - 8:00pm 711 International Affairs Bldg	Gerrard Bushell	4	13/18
POLS 3922	010/16842	M 10:10am - 12:00pm 613 Hamilton Hall	Lincoln Mitchell	4	16/18

**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 2018: POLS UN3930**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3930	001/64942	Th 2:10pm - 4:00pm 711 International Affairs Bldg	Sidney Rosdeitcher	4	17/18

**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 2018: POLS UN1501**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1501	001/25183	T Th 10:10am - 11:25am Ren Kraft Center	Kimuli Kasara	4	94/100

**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.

**POLS UN3556 The Rise of India & China. 3 points.**

This course examines the rise of India and China since the mid-twentieth century in terms of interaction of states, markets and globalization as our conceptual framework. It examines the emergence of two distinct developmental pathways in the two countries, focusing on their political economies, in comparative historical perspective. It also evaluates the implications of the rise of China and India on the global economy.

**Spring 2019: POLS UN3556**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3556	001/12560	T Th 11:40am - 12:55pm 303 Hamilton Hall	Rumela Sen	3	27/40

**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 2019: POLS GU4406**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4406	001/72108	T 12:10pm - 2:00pm 601b Fairchild Life Sciences Bldg	Boshu Zhang	4	23/25

**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 2018: POLS GU4407**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4407	001/63973	T 12:10pm - 2:00pm 212d Lewisohn Hall	Boshu Zhang	4	18/25

**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.

**Fall 2018: POLS GU4423**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4423	001/75282	Th 4:10pm - 6:00pm 711 International Affairs Bldg	John Marshall	4	6/18

**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.

#### Spring 2019: POLS GU4434

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4434	001/24703	Th 2:10pm - 4:00pm 1219 International Affairs Bldg	Elise Giuliano	4	20/25

#### **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.

#### Fall 2018: POLS GU4447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4447	001/63446	T 2:10pm - 4:00pm 802 International Affairs Bldg	Monica Pachon	4	17/22

#### **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.

#### Fall 2018: POLS GU4449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4449	001/16550	T 10:10am - 12:00pm 106b Lewisohn Hall	Alberto Spektorowski	4	5/18

#### **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.

#### Fall 2018: POLS GU4453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4453	001/76280	T Th 11:40am - 12:55pm 1201 International Affairs Bldg	Elise Giuliano	4	24/30

#### **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 2018: POLS GU4454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4454	001/71403	M W 10:10am - 11:25am 602 Northwest Corner	Philip Oldenburg	4	21/30

#### 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 2018: POLS GU4472

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4472	001/16461	T 4:10pm - 6:00pm 407 Mathematics Building	Takako Hikotani	4	26/29

#### 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.

#### Spring 2019: POLS GU4473

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4473	001/64100	M 12:10pm - 2:00pm 212a Lewisohn Hall	Duncan McCargo	4	14/18

#### 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.

#### Spring 2019: POLS GU4474

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4474	001/91346	M 6:10pm - 8:00pm 270b International Affairs Bldg	Duncan McCargo	4	19/20

#### 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 2018: POLS GU4476

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4476	001/15020	F 10:10am - 12:00pm 402b International Affairs Bldg	Stephen Noerper	4	14/30

#### 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.

#### Spring 2019: POLS GU4478

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4478	001/16395	T Th 2:40pm - 3:55pm 227 Seeley W. Mudd Building	Yana Gorokhovskaia	3	18/30

#### 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 2018: POLS GU4496

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4496	001/29588	T Th 2:40pm - 3:55pm 222 Pupin Laboratories	Kimuli Kasara	3	9/30

## 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 V1501* or the equivalent, and the instructor's permission. Pre-registration is not permitted. Please see here for detailed seminar registration guidelines: <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>.

Seminar in Comparative Politics. Students who would like to register should join the electronic wait list.

For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

#### Fall 2018: POLS UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3951	002/27267	F 12:10pm - 2:00pm 711 International Affairs Bldg	Rumela Sen	4	13/18

#### POLS UN3952 Seminar in Comparative Politics. 4 points.

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>

#### Spring 2019: POLS UN3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3952	001/28853	Th 8:10am - 10:00am 711 International Affairs Bldg	Chiara Superti	4	16/18
POLS 3952	002/73494	W 4:10pm - 6:00pm 711 International Affairs Bldg	Katerina Vrablikova	4	11/18
POLS 3952	003/66728	W 12:10pm - 2:00pm 711 International Affairs Bldg	Abdullah Aydogan	4	18/18

## INTERNATIONAL RELATIONS

#### POLS UN1601 Introduction to International Politics. 4 points.

Lecture and discussion. The basic setting and dynamics of international politics, with emphasis on enduring impulses and processes.

#### Fall 2018: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/05887	T Th 1:10pm - 2:25pm L1002 Milstein Center	Bruce Cronin	4	98/100

#### Spring 2019: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/24862	M W 4:10pm - 5:25pm 417 International Affairs Bldg	Robert Jervis	4	216/398

#### 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 2019: POLS UN3619

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3619	001/12559	T Th 10:10am - 11:25am 313 Fayerweather	Jack Snyder	3	45/74

**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.

**Fall 2018: POLS UN3623**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3623	001/16746	T Th 2:40pm - 3:55pm 603 Hamilton Hall	Sarah Daly	3	29/30

**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.

**Fall 2018: POLS UN3630**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3630	001/23249	T Th 11:40am - 12:55pm 415 Schapiro Cepser	Jennifer Dwyer	3	23/42

**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 2018: POLS UN3631**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3631	001/71448	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Roy Licklider	4	33/36

**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.

**Spring 2019: POLS UN3648**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3648	001/66714	T Th 4:10pm - 5:25pm 644 Seeley W. Mudd Building	Nikhar Gaikwad	4	28/35

**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.

**Spring 2019: POLS UN3690**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3690	001/15908	M W 8:40am - 9:55am 407 International Affairs Bldg	Tonya Putnam	4	42/54

**POLS GU4835 FORMAL&INFORMAL TERRORIST ACTORS. 3 points.**

In recent years, acts of terrorism have been carried out by an increasingly diverse array of actors, ranging from states and formal terrorist organizations to informal networks and individual attackers. This course seeks to examine the full spectrum terrorist perpetrators, addressing both their internal dynamics as well as relationships between these actors. The course provides a conceptual and theoretical overview of these diverse actors; explores their emergence, modus operandi, and decline; delves into historical and contemporary case studies; and highlights relevant policy discussions. Topics include state terrorism and state sponsorship; the rise and decline of terrorist groups; terrorist tactics and innovation; leadership and targeted killings; informal terrorist networks; foreign fighters; ideology and martyrdom; radicalization and countering violent extremism; terrorist entrepreneurs; individual terrorism and 'lone wolves'; and cooperation and competition between terrorist actors.

**Fall 2018: POLS GU4835**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 4835 001/25068 T Th 10:10am - Assaf 3 26/30  
11:25am Moghadam  
233 Seeley W. Mudd  
Building

**POLS GU4845 National Security Strategies of the Middle East: A Comparative Perspective. 4 points.**

At the crossroads of three continents, the Middle East is home to many diverse peoples, with ancient and proud cultures, in varying stages of political and socio-economic development, often in conflict. Following the Arab Spring and subsequent upheaval in Egypt, Syria, Iraq, Yemen, Libya and more, the region is in a state of historic flux. The Sunni-Shia rivalry, especially between Saudi Arabia and Iran, growing Iranian-Israeli conflict, population explosion, poverty and authoritarian control, Russian ascendancy and US retrenchment, are the primary regional drivers today. Together, these factors have transformed the Middle Eastern landscape, with great consequence for the national security of the countries of the region and their foreign relations. The primary source of the world's energy resources, the Middle East remains the locus of the terror-WMD-fundamentalist nexus, which continues to pose a significant threat to both regional and international security. The course surveys the national security challenges facing the region's primary players (Egypt, Saudi Arabia, Iran, Iraq, Syria, Lebanon, Jordan, Israel, the Palestinians and Turkey,) and how the convolutions of recent years have affected them. Unlike many Middle East courses, which focus on US policy in the region, the course concentrates on the regional players' perceptions of the threats and opportunities they face and the strategies they have adopted to deal with them. It thus provides an essential vantage point for those interested in gaining a deeper understanding of a region, which stands at the center of many of the foreign policy issues of our era. The course is designed for those with a general interest in the Middle East, especially those interested in national security issues, students of comparative politics and future practitioners, with an interest in "real world" international relations and national security

**Spring 2019: POLS GU4845**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4845	001/87529	M 12:10pm - 2:00pm 607 Hamilton Hall	Charles Freilich	4	16/20

**POLS GU4852 Insurgencies and Civil Wars. 3 points.**

Civil wars have become the predominant type of conflict in recent years and decades, as exemplified by the civil wars in Syria, Iraq, Afghanistan, or Yemen, among others. Invariably, these civil wars feature insurgencies, i.e., organized, protracted politico-military struggles designed to weaken control and legitimacy of an established government, occupying power, or other political authority, while increasing insurgent control.

The purpose of this course is to examine the causes, nature, and termination of civil wars and the insurgencies that characterize them. Special emphasis is placed on the conduct of civil wars—the nature of insurgency and counterinsurgency (COIN). The course

offers different theoretical perspectives and provides historical and contemporary case studies.

**Spring 2019: POLS GU4852**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4852	001/74499	T Th 10:10am - 11:25am 602 Northwest Corner	Assaf Moghadam	3	27/30

**POLS GU4871 China's Foreign Relations. 4 points.**

This course will review and analyze the foreign policy of the People's Republic of China from 1949 to the present. It will examine Beijing's relations with the Soviet Union, the United States, Northeast Asia, Southeast Asia, and the Third World during the Cold War, and will discuss Chinese foreign policy in light of the end of the Cold War, changes in the Chinese economy in the reform era, the post-Tiananmen legitimacy crisis in Beijing, and the continuing rise of Chinese power and influence in Asia and beyond.

This lecture course will analyze the causes and consequences of Beijing's foreign policies from 1949 to the present.

**Spring 2019: POLS GU4871**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4871	001/25892	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Thomas Christensen	4	57/160

**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 2018: POLS GU4895**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4895	001/62442	M W 11:40am - 12:55pm 417 International Affairs Bldg	Richard Betts	4	44/100

## 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>

#### Fall 2018: POLS UN3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3961	001/65501	T 2:10pm - 4:00pm 1302 International Affairs Bldg	Robert Jervis	4	15/18
POLS 3961	002/67291	Th 2:10pm - 4:00pm 501 International Affairs Bldg	Tonya Putnam	4	17/18
POLS 3961	003/67965	Th 10:10am - 12:00pm 1302 International Affairs Bldg	Allison Carnegie	4	16/18
POLS 3961	004/15682	T 2:10pm - 4:00pm 405a International Affairs Bldg	Jack Snyder	4	17/18
POLS 3961	005/64746	T 10:10am - 12:00pm 711 International Affairs Bldg	David Spiro	4	16/18
POLS 3961	006/76548	W 12:10pm - 2:00pm 711 International Affairs Bldg	Jean Krasno	4	18/18
POLS 3961	007/86648	M 12:10pm - 2:00pm 402 International Affairs Bldg	Linda Kirschke	4	10/18

#### POLS UN3962 Seminar in International Politics. 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 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 2019: POLS UN3962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3962	001/62257	M 6:10pm - 8:00pm 711 International Affairs Bldg	Brooke Greene	4	22/18
POLS 3962	002/26233	T 10:10am - 12:00pm 1302 International Affairs Bldg	Allison Carnegie	4	16/18
POLS 3962	003/65332	W 2:10pm - 4:00pm 1102 International Affairs Bldg	Shahrough Akhavi	4	7/18
POLS 3962	005/67871	T 12:10pm - 2:00pm 401 Hamilton Hall	Dawn Brancati	4	13/18

POLS 3962	006/76948	M 2:10pm - 4:00pm 711 International Affairs Bldg	Renanah Miles	4	14/18
POLS 3962	007/26299	M 10:10am - 12:00pm 109 Hartley Hall	Linda Kirschke	4	6/18
POLS 3962	008/20522	M 10:10am - 12:00pm 802 International Affairs Bldg	Jeremiah Pam	4	12/18

## POLITICAL THEORY

### 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 2019: POLS UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3100	001/29520	M W 2:40pm - 3:55pm 310 Fayerweather	David Johnston	3	71/96

### 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.

#### Fall 2018: POLS UN3173

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3173	001/88443	T Th 4:10pm - 5:25pm 413 Kent Hall	Bernard Harcourt	4	57/75

### 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.

#### Fall 2018: POLS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3190	001/27823	M W 11:40am - 12:55pm 227 Seeley W. Mudd Building	Jessica Kimpell	3	48/48

#### Spring 2019: POLS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3190	001/66368	M W 11:40am - 12:55pm 227 Seeley W. Mudd Building	Jessica Kimpell	3	37/45

### 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 2018: POLS GU4132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4132	001/97400	T Th 8:40am - 9:55am 1201 International Affairs Bldg	Giovanni Giorgini	3	7/30

### 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 2018: POLS GU4134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 4134	001/80031	M W 10:10am - 11:25am 603 Hamilton Hall	Nadia Urbinati	4	21/40
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## 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>

#### Fall 2018: POLS UN3911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3911	001/14529	Th 2:10pm - 4:00pm 212d Lewisohn Hall	Katharine Jackson	4	16/18
POLS 3911	002/80530	M 2:10pm - 4:00pm 711 International Affairs Bldg	Jean Cohen	4	7/18
POLS 3911	003/99692	Th 12:10pm - 2:00pm 711 International Affairs Bldg	Luke MacInnis	4	16/18

### 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.

Seminar in Political Theory. Students who would like to register should join the electronic wait list.

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For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

#### Spring 2019: POLS UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3912	001/72253	M 10:10am - 12:00pm 711 International Affairs Bldg	David Johnston	4	20/21
POLS 3912	002/72397	M 4:10pm - 6:00pm 711 International Affairs Bldg	Bernard Harcourt	4	29/27

## 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 2018: POLS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/72317	M W 10:10am - 11:25am 833 Seeley W. Mudd Building	Jeffrey Lax	3	61/100

#### POLS UN3704 Data Analysis and Statistics for Political Science Research. 3 points.

This course examines the basic methods data analysis and statistics that political scientists use in quantitative research that attempts to make causal inferences about how the political world works. The same methods apply to other kinds of problems about cause and effect relationships more generally. The course will provide students with extensive experience in analyzing data and in writing (and thus reading) research papers about testable theories and hypotheses. It will cover basic data analysis and statistical methods, from univariate and bivariate descriptive and inferential statistics through multivariate regression analysis. Computer applications will be emphasized. The course will focus largely on observational data used in cross-sectional statistical analysis, but it will consider issues of research design more broadly as well. It will assume that students have no mathematical background beyond high school algebra and no experience using computers for data analysis.

#### Spring 2019: POLS UN3704

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3704	001/63015	M W 2:40pm - 3:55pm 309 Havemeyer Hall	Michael Parrott	3	86/110

#### POLS UN3720 Scope and Methods. 4 points.

This class aims to introduce students to the logic of social scientific inquiry and research design. Although it is a course in political science, our emphasis will be on the science part rather than the political part — we'll be reading about interesting substantive topics, but only insofar as they can teach us something about ways we can do systematic research. This class will introduce students to a medley of different methods to conduct social scientific research.

#### Fall 2018: POLS UN3720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 3720	001/75513	T Th 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Chiara Superti	4	78/70
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#### Spring 2019: POLS UN3720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3720	001/71799	M W 8:40am - 9:55am 203 Mathematics Building	Daniel Corstange	4	106/110

#### POLS GU4700 Mathematical Methods for Political Science. 4 points.

Provides students of political science with a basic set of tools needed to read, evaluate, and contribute in research areas that increasingly utilize sophisticated mathematical techniques.

NOTE: This course does *not* satisfy the Political Science Major/Concentration research methods requirement.

#### Fall 2018: POLS GU4700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4700	001/69290	T Th 8:40am - 9:55am 711 International Affairs Bldg	Abdullah Aydogan	4	4/18

#### POLS GU4710 Principles of Quantitative Political Research. 4 points.

Introduction to the use of quantitative techniques in political science and public policy. Topics include descriptive statistics and principles of statistical inference and probability through analysis of variance and ordinary least-squares regression. Computer applications are emphasized.

#### Fall 2018: POLS GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4710	001/29728	M W 8:40am - 9:55am 413 Kent Hall	Abdullah Aydogan	4	46/70

#### POLS GU4712 Analysis of Political Data. 4 points.

Prerequisites: *POLS W4710* or the equivalent.

The purpose of this course is to introduce statistical analyses with categorical independent variables and statistical measurement methodology. Throughout the semester students will learn basic concepts of quantitative political data analysis such as logit/probit, ordered/multinomial logit, survival models, factor analysis, roll-call vote analysis, and quantitative text analysis methods such as Wordfish and Wordscore. In addition to the theoretical backgrounds of such topics, students will learn how to apply them in statistical software, R, during weekly sections. Students are expected to attend not only the lectures but also these weekly sections.

#### Spring 2019: POLS GU4712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 4712	001/16019	T Th 10:10am - 11:25am 327 Seeley W. Mudd Building	Abdullah Aydogan	4	27/36
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**POLS GU4714 Multivariate Political Analysis. 4 points.**

Prerequisites: basic data analysis and knowledge of basic calculus and matrix algebra OR concurrent enrollment in *POLS W4760*. Examines problems encountered in multivariate analysis of cross-sectional and time-series data. Covers fundamentals of probability and statistics and examines problems encountered in multivariate analysis of cross-sectional and time-series data. More mathematical treatment of topics covered in *POLS W4710* and *W4712*.

**Fall 2018: POLS GU4714**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4714	001/62249	M W 10:10am - 11:25am 703 Hamilton Hall	Shigeo Hirano	4	18/40

**POLS GU4730 Game Theory and Political Theory. 4 points.**

Prerequisites: POLS GU4700 or equivalent level of calculus. Introduction to noncooperative game theory and its application to strategic situations in politics. Topics include solution concepts, asymmetric information, and incomplete information. Students should have taken POLS GU4700 or have equivalent background in calculus. Permission of instructor required.

**Spring 2019: POLS GU4730**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4730	001/63594	T Th 8:40am - 9:55am 304 Hamilton Hall	John Huber	4	13/30

**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 2018: POLS GU4732**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4732	001/71300	M W 4:10pm - 5:25pm 711 International Affairs Bldg	Carlo Prato	4	7/30

**POLS GU4768 Experimental Research: Design, Analysis and Interpretation. 4 points.**

Prerequisites: one or two semesters of statistics; basic understanding of probability, hypothesis testing, and regression are

assumed. Basic familiarity with statistical software (Stata and R) is helpful but not required.

In this course, we will discuss the logic of experimentation, its strengths and weaknesses compared to other methodologies, and the ways in which experimentation has been -- and could be -- used to investigate social phenomena. Students will learn how to interpret, design, and execute experiments.

**Spring 2019: POLS GU4768**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4768	001/28467	T Th 7:40pm - 8:55pm 209 Havemeyer Hall	Donald Green	4	30/45

**POLS GU4790 Advanced Topics in Quantitative Research. 4 points.**

Prerequisites: STUDENTS MUST REGISTER FOR A DISC SECTION-POLS GU4791

This course covers methods for empirical models that have dependent variables that are not continuous. These models include dichotomous and polychotomous response models, models for censored and truncated data, sample selection models, duration models, and models for count data.

**POLS GU4792 Applied Regression and Multilevel Models. 4 points.**

We cover data collection, modeling and inference, using the following tools: simulation, Bayesian inference, linear regression, logistic regression, generalized linear models, nonlinear and nonparametric regression, and multilevel models. We will program and fit models in R and Stan. Focus is on workflow for social science applications.

**Fall 2018: POLS GU4792**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4792	001/75611	M W 10:10am - 11:25am 233 Seeley W. Mudd Building	Andrew Gelman	4	20/40

**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.

**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 2019: POLS UN3999**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3999	001/25809	T 4:10pm - 6:00pm 711 International Affairs Bldg	John Huber	4	15/20



## INDEPENDENT READING AND RESEARCH

### POLS UN3901 Independent Reading and Research I. 1-6

*points.*

Fall 2018: POLS UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3901	001/12392		Severine Autesserre	1-6	1/20
POLS 3901	002/76599		David Spiro	1-6	1
POLS 3901	003/83530		Robert Amdur	1-6	1
POLS 3901	004/85284		Andrew Nathan	1-6	2
POLS 3901	005/88025		Elise Giuliano	1-6	0
POLS 3901	006/14539		Robert Shapiro	1-6	1
POLS 3901	007/77783		Sidney Rosdeitcher	1-6	1

### POLS UN3902 Independent Reading and Research II. 1-6

*points.*

Spring 2019: POLS UN3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3902	001/73553		Severine Autesserre	1-6	1/20
POLS 3902	002/68250		Robert Shapiro	1-6	1
POLS 3902	003/13752		Justin Phillips	1-6	1
POLS 3902	004/28100		Robert Shapiro	1-6	2
POLS 3902	005/11849		Jack Snyder	1-6	1
POLS 3902	006/82785		Robert Amdur	1-6	0
POLS 3902	007/75548		Tonya Putnam	1-6	0
POLS 3902	008/71299		Andrew Nathan	1-6	0

## OF RELATED INTEREST

### Economics

ECPS GU4921 Seminar In Political Economy

### 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. Larisa Heiphetz, 355C  
 Schermerhorn; lah2201@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. Caroline Marvin, 317 Schermerhorn Extension;  
 cbm2118@columbia.edu  
*Biology (CC):* Prof. Jian Yang, 917A Fairchild;  
 jy160@columbia.edu  
*Biology (GS):* Prof. Deborah Mowshowitz, 744 Mudd;  
 dbm2@columbia.edu

## Director of Instruction:

Prof. Caroline Marvin, 355B Schermerhorn  
 Extension; 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 Walters, 406  
 Schermerhorn; 212-854-8859; uca@psych.columbia.edu

The Department of Psychology (<https://psychology.columbia.edu>) offers students a balanced 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 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) laboratory courses, as well as in the 2000-level lecture courses and 3000- and 4000-level seminars. Each of the 2000-level lecture courses enables students to study systematically, and in greater depth, one of the content areas introduced in PSYC 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 participate in research project opportunities (<https://psychology.columbia.edu/content/research-opportunities>) within the Department of Psychology. Students may volunteer to work in a lab, register for supervised individual research (PSYC UN3950 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%202017\\_0.pdf](https://psychology.columbia.edu/sites/default/files/content/Lab%20Preview%20Handout%202017_0.pdf)) event for students to learn about research opportunities for the upcoming semester.

## PROGRAM PLANNING

Majors and concentrators in psychology and majors in neuroscience and behavior should begin planning a

program of study as early as possible. All necessary forms and information are available in Program Planning Tips (<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](mailto: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 for 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 participating in 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 encouraged 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	Experimental Psychology: 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 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](mailto: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 22xx, 24xx, 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 Experimental Psychology: 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  
 Geraldine Downey  
 William Fifer (Psychiatry, Pediatrics)  
 Norma Graham  
 Carl Hart (Chair)  
 Tory Higgins  
 Donald C. Hood  
 Sheena S. Iyengar (Business School)



Nikolaus Kriegeskorte  
 Janet Metcalfe  
 Michael Morris (Business School)  
 Kevin Ochsner  
 Shige Oishi (Visiting Professor)  
 Rae Silver (Barnard)  
 Daphna Shohamy  
 Ursula M. Staudinger (Mailman School of Public Health)  
 Yaakov Stern (Neurology and Psychiatry)  
 Herbert Terrace  
 Nim Tottenham  
 Sarah M.N. Woolley

## ASSOCIATE PROFESSORS

Valerie Purdie-Greenaway

## ASSISTANT PROFESSORS

Mariam Aly  
 Christopher Baldassano  
 Yunglin Gazes (Neurology)  
 Larisa Heiphetz  
 Koleen McCrink (Barnard)  
 Joshua New (Barnard)

## LECTURERS IN DISCIPLINE

Katherine Fox-Glassman  
 Patricia Lindemann  
 Caroline Marvin  
 Alfredo Spagna

## ADJUNCT FACULTY

Jennifer Blaze  
 Helen Brew  
 Adam Brown  
 Sarah Canetta  
 Frances Champagne  
 Stephanie Cosentino (Neurology)  
 James Curley  
 David Friedman  
 Hannah Hoch  
 Nora Isacoff  
 Tina Kao  
 Karen Kelly  
 Svetlana Komissarouk  
 E'mett McCaskill  
 Robert Remez  
 Svetlana Rosis  
 Glenn Schafe  
 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 ([http://dept.psych.columbia.edu/dept/ugrad/exceptions/bc\\_overlapping.pdf](http://dept.psych.columbia.edu/dept/ugrad/exceptions/bc_overlapping.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, 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. 710) 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 Experimental Psychology: 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. Also PSYC UN1420 Experimental Psychology: Human Behavior and PSYC UN1490 Experimental Psychology: Cognition and Decision Making.

- Group II—Psychobiology and neuroscience: courses numbered in the 2400s, 3400s, or 4400s. Also PSYC UN1010 Mind, Brain and Behavior.
- Group III—Social, personality, and abnormal: courses numbered in the 2600s, 3600s, or 4600s. Also PSYC UN1450 Experimental Psychology: Social Cognition and Emotion and PSYC UN1455 Experimental Psychology: Social and Personality.

If a 1400-level course is used to satisfy a distribution requirement, it cannot also be used to fulfill the laboratory requirement, and vice versa.

### 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 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 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/sites/default/files/content/bc\\_approved\\_180427.pdf](https://psychology.columbia.edu/sites/default/files/content/bc_approved_180427.pdf)) indicates which courses have been approved for specific requirements of the psychology major. Courses not on the approved list may only be applied toward a specific requirement with prior written approval from 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.

## 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. Note that College Board Advanced Placement (AP) psychology scores do **not** satisfy the PSYC UN1001 The Science of Psychology requirement, nor do they confer elective credit toward the major. 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. 710) 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 may use that course to fulfill this requirement.
3. One statistics or research methods course from the following:
  - PSYC S2210Q Cognition: Basic Processes
  - PSYC UN1420 Experimental Psychology: Human Behavior
  - 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>) 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
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](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 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)
- 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 UN3625 Clinical Neuropsychology (Seminar) or PSYC S3625D Clinical Neuropsychology Seminar
- PSYC UN3680 Social Cognitive Neuroscience (Seminar)/ PSYC GU4685 Social Cognitive Neuroscience (Seminar)
- PSYC G4635 The Unconscious Mind (Seminar)
- PSYC GU4690 Social Factors and Psychopathology (Seminar)

## 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.** Advanced Placement (AP) psychology scores will **not** satisfy the PSYC UN1001 The Science of Psychology requirement. Advanced Placement (AP) statistics scores will also 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.

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## CONCENTRATION IN PSYCHOLOGY

Please read *Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors* (p. 710) 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 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.

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 2018: PSYC UN1001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/23456	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3	209/225
PSYC 1001	002/64039	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3	159/189

#### **Spring 2019: PSYC UN1001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/10040	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3	218/225
PSYC 1001	002/77116	T Th 6:10pm - 7:25pm 501 Schermerhorn Hall	Glenn Schafe	3	204/205

### **PSYC UN1010 Mind, Brain and Behavior. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

An introduction to the biological approach to the experimental study of behavior. Includes consideration of the types of biological data relevant to psychology, as well as the assumptions and logic permitting the interpretation of biological data in psychological terms.

### **PSYC UN1420 Experimental Psychology: Human Behavior. 4 points.**

Attendance at the first class is mandatory. Fee: \$70.

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.

#### **Spring 2019: PSYC UN1420**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1420	001/63222	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Patricia Lindemann	4	48/80

### **PSYC UN1421 Experimental Psychology: Human Behavior (Lab). 0 points.**

Limited enrollment in each section.

Corequisites: PSYC UN1420

Required lab section for *PSYC UN1420*.

#### **Spring 2019: PSYC UN1421**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1421	001/60545	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	12/15
PSYC 1421	002/11852	M 6:10pm - 8:00pm 200c Schermerhorn Hall	Patricia Lindemann	0	12/15
PSYC 1421	003/14131	M 8:10pm - 10:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	9/15
PSYC 1421	004/18327	T 4:10pm - 6:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	15/15

### **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.

**Spring 2019: PSYC UN1455**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1455	001/60664	M 10:10am - 12:00pm 200b Schermerhorn Hall	Niall Bolger	4	27/36

**PSYC UN1456 Experimental Psychology: Social and Personality (Lab). 0 points.**

Limited enrollment in each section.

Required lab for *PSYC UN1455*.

**Spring 2019: PSYC UN1456**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1456	001/69015	W 10:10am - 12:00pm 200b Schermerhorn Hall	Niall Bolger	0	19/18
PSYC 1456	002/67093	W 2:10pm - 4:00pm 200b Schermerhorn Hall	Niall Bolger	0	9/18

**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 2018: PSYC UN1490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1490	001/25903	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Katherine Fox-Glassman	4	60/75

**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 2018: PSYC UN1491**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1491	001/70498	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	19/18
PSYC 1491	002/69419	M 6:10pm - 8:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	12/18
PSYC 1491	003/15512	T 4:10pm - 6:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	17/18
PSYC 1491	005/24446	T 6:10pm - 8:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	12/18

**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 2018: PSYC UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/66844	T Th 1:10pm - 2:25pm 200b Schermerhorn Hall	Katherine Fox-Glassman	4	23/40

**Spring 2019: PSYC UN1610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/26728	T Th 2:40pm - 3:55pm	Christopher Baldassano	4	31/40

200b Schermerhorn  
Hall

**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 2018: PSYC UN1611**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/71930	Th 4:10pm - 6:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0	10/18
PSYC 1611	002/18981	Th 6:10pm - 8:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	5/15
PSYC 1611	003/64141	Th 4:10pm - 6:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	8/15
PSYC 1611	004/69155	F 12:10pm - 2:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0	0/15

**Spring 2019: PSYC UN1611**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/22793	Th 4:10pm - 6:00pm 200b Schermerhorn Hall	Christopher Baldassano	0	19/18
PSYC 1611	002/14367	Th 6:10pm - 8:00pm 200b Schermerhorn Hall	Christopher Baldassano	0	11/18
PSYC 1611	003/69066	Th 8:10pm - 10:00pm 200b 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.

**Spring 2019: PSYC UN1910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1910	001/63348	Th 12:10pm - 2:00pm 200c Schermerhorn Hall	E'mett McCaskill	4	14/15

**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 2018: PSYC UN2220**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PSYC 2220	001/74995	M W 2:40pm - 3:55pm 413 Kent Hall	Janet Metcalfe	3	40/60
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**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 2019: PSYC UN2235**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2235	001/20387	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Katherine Fox-Glassman	3	143/145

**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.

**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 2018: PSYC UN2280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2280	001/76325	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Nim Tottenham	3	90/95

**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.

**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.

**Fall 2018: PSYC UN2430**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2430	001/68299	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Alfredo Spagna	3	67/150

**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.

**Spring 2019: PSYC UN2450**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2450	001/67747	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	Alfredo Spagna	3	76/95

**PSYC UN2610 Introduction To Personality. 3 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: an introductory psychology course.

A survey of the important methods, findings, and theories in the field of personality research.

**Spring 2019: PSYC UN2610**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2610	001/15843	T Th 10:10am - 11:25am 614 Schermerhorn Hall	Shigehiro Oishi	3	70/90

**PSYC UN2620 Abnormal Behavior. 3 points.**

Prerequisites: An introductory psychology course.

Examines definitions, theories, and treatments of abnormal behavior.

**Fall 2018: PSYC UN2620**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2620	001/11282	T Th 6:10pm - 7:25pm 501 Schermerhorn Hall	E'mett McCaskill	3	162/170

**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.

**Fall 2018: PSYC UN2630**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2630	001/29666	T Th 2:40pm - 3:55pm 428 Pupin Laboratories	Tory Higgins	3	107/150

**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.

**Spring 2019: PSYC UN2640**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2640	001/72903	M W 10:10am - 11:25am 614 Schermerhorn Hall	Larisa Heiphetz	3	89/100

**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 2018: PSYC UN3270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3270	001/28964		Norma Graham	3	8/12

#### 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 2018: PSYC UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3445	001/19975	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.

#### Spring 2019: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/60281	W 10:10am - 12:00pm 200c Schermerhorn Hall	Herbert Terrace	3	9/12

#### 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 2018: PSYC UN3615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3615	001/72428	T Th 10:10am - 11:25am 200b Schermerhorn Hall	Geraldine Downey	4	36/64

#### 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.

#### 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.

#### Spring 2019: PSYC UN3691

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3691	001/83029	T 2:10pm - 4:00pm 200c Schermerhorn Hall	Maya Rossignac-Milon	4	12/12

#### 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 2018: PSYC UN3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/61226	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Nim Tottenham	1	16/20

**Spring 2019: PSYC UN3910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/62105	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Nim Tottenham	1	16/20

**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 2018: PSYC UN3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3920	001/26704		Nim Tottenham	1-4	16/20

**Spring 2019: PSYC UN3920**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3920	001/64945		Nim Tottenham	1-4	16/20

**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 2018: PSYC UN3950**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950	001/23694		Mariam Aly	0	1/5
PSYC 3950	002/15045		Niall Bolger	0	0/5
PSYC 3950	003/15976		Geraldine Downey	0	2/5
PSYC 3950	004/76293		Katherine Fox-Glassman	0	0/5
PSYC 3950	005/10040		Norma Graham	0	0/5
PSYC 3950	006/77116		Carl Hart	0	0/5
PSYC 3950	007/63222		Larisa Heiphetz	0	0/5
PSYC 3950	008/60545		Tory Higgins	0	0/5
PSYC 3950	009/11852		Donald Hood	0	0/5
PSYC 3950	010/14131		Sheena Iyengar	0	0/5

PSYC 3950 011/18327

PSYC 3950 012/68502

PSYC 3950 013/60664

PSYC 3950 014/69015

PSYC 3950 015/70102

PSYC 3950 016/67093

PSYC 3950 017/26728

PSYC 3950 018/22793

PSYC 3950 019/14367

PSYC 3950 021/20387

PSYC 3950 022/10924

PSYC 3950 023/67747

PSYC 3950 024/15843

PSYC 3950 026/25551

PSYC 3950 027/27207

**Spring 2019: PSYC UN3950**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950	001/25837		Mariam Aly	0	2/5
PSYC 3950	002/68355		Christopher Baldassano	0	0/5
PSYC 3950	003/68580		Niall Bolger	0	4/5
PSYC 3950	004/65365		Geraldine Downey	0	1/5
PSYC 3950	005/12079		Katherine Fox-Glassman	0	0/5
PSYC 3950	006/68105		Norma Graham	0	0/5
PSYC 3950	007/74876		Carl Hart	0	0/5
PSYC 3950	008/14384		Larisa Heiphetz	0	1/5
PSYC 3950	009/16958		Tory Higgins	0	2/5
PSYC 3950	010/17566		Donald Hood	0	0/5
PSYC 3950	011/22033		Sheena Iyengar	0	1/5
PSYC 3950	012/10049		Patricia Lindemann	0	1/5
PSYC 3950	013/27427		Caroline Marvin	0	1/5
PSYC 3950	014/63365		Janet Metcalfe	0	2/5
PSYC 3950	015/67583		Michael Morris	0	3/5
PSYC 3950	016/19685		Glenn Schafe	0	0/5
PSYC 3950	017/13060		Shigehiro Oishi	0	0/5

Patricia Lindemann 0 2/5

Caroline Marvin 0 2/5

Janet Metcalfe 0 1/5

Michael Morris 0 3/5

Valerie Purdie-Greenaway 0 0/5

Daphna Shohamy 0 1/5

Rae Silver 0 0/5

Ursula Staudinger 0 0/5

Yaakov Stern 0 1/5

Herbert Terrace 0 1/5

Nim Tottenham 0 2/5

Elke Weber 0 0/5

Sarah Woolley 0 0/5

Christopher Baldassano 0 0

Alfredo Spagna 0 0

PSYC 3950 018/67071	Valerie Purdie-Greenaway	0	0/5
PSYC 3950 019/26222	Daphna Shohamy	0	0/5
PSYC 3950 020/67622	Rae Silver	0	0/5
PSYC 3950 021/73389	Alfredo Spagna	0	1/5
PSYC 3950 022/76947	Ursula Staudinger	0	0/5
PSYC 3950 023/18330	Yaakov Stern	0	0/5
PSYC 3950 024/75464	Herbert Terrace	0	0/5
PSYC 3950 025/66978	Nim Tottenham	0	3/5
PSYC 3950 026/68880	Elke Weber	0	0/5
PSYC 3950 027/71715	Sarah Woolley	0	0/5
PSYC 3950 028/23602	Sarah Woolley	0	0/5
PSYC 3950 029/89859	Kevin Ochsner	0	1/5

### 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 2018: PSYC GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4222	001/71085	T 12:10pm - 2:00pm 405 Schermerhorn Hall	Stephanie Cosentino	4	11/12

### 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 2019: PSYC GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4223	001/63260	W 12:10pm - 2:00pm 200c Schermerhorn Hall	David Friedman	4	8/12

### PSYC GU4232 Production and Perception of Language. *4 points.*

Not offered during 2018-19 academic year.

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.

#### Spring 2019: PSYC GU4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4232	001/65884	T 6:10pm - 8:00pm 405 Schermerhorn Hall	Robert Remez	4	4/12

### 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 2018: PSYC GU4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4235	001/77052		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 2019: PSYC GU4244

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4244	001/15996	W 2:10pm - 4:00pm 200c Schermerhorn Hall	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.

**Spring 2019: PSYC GU4265**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4265	001/74568	T 4:10pm - 6:00pm 405 Schermerhorn Hall	Sarah Woolley	4	5/12

**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.

**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.

**Spring 2019: PSYC GU4280**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4280	001/01872	M 2:10pm - 4:00pm 200c Schermerhorn Hall	Koleen McCrink	4	13/12

**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.

**Spring 2019: PSYC GU4289**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4289	001/14281	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Eric Schoenberg	3	10/12

**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.

**Spring 2019: PSYC GU4430**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4430	001/19178	W 2:10pm - 4:00pm 352 Schermerhorn Hall	Daphna Shohamy	4	10/12

**PSYC GU4440 Topics in Neurobiology and Behavior (Seminar). 3 points.**

Prerequisites: the instructor's permission.

Examines current topics in neurobiology and behavior.

**Fall 2018: PSYC GU4440**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/61945	Th 6:10pm - 8:00pm 405 Schermerhorn Hall	Ciara Torres	3	8/12
PSYC 4440	002/76833	Th 12:10pm - 2:00pm 405 Schermerhorn Hall	Svetlana Rosis	3	10/12

**Spring 2019: PSYC GU4440**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/25705	Th 12:10pm - 2:00pm 405 Schermerhorn Hall	Svetlana Rosis	3	10/12
PSYC 4440	002/20230	M 4:10pm - 6:00pm 405 Schermerhorn Hall	Tina Kao	3	13/15

**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 2019: PSYC GU4480**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4480	001/65869	T 4:10pm - 6:00pm 200c Schermerhorn Hall	William Fifer	4	16/14

**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 2018: PSYC GU4498**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4498	001/65569	F 2:10pm - 4:00pm 200c Schermerhorn Hall	Jennifer Blaze	4	7/12

**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 2018: PSYC GU4615**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4615	001/18792	T 10:10am - 12:00pm 405 Schermerhorn Hall	Valerie Purdie-Greenaway	4	11/12
PSYC 4615	002/62105	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Valerie Purdie-Greenaway	4	7/12

**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.

**Spring 2019: PSYC GU4645**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4645	001/15741	M 10:10am - 12:00pm 405 Schermerhorn Hall	Svetlana Komissarouk	4	12/12

**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).

**Fall 2018: PSYC GU4672**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4672	001/25837	T 10:10am - 12:00pm 200c Schermerhorn Hall	Larisa Heiphetz	4	11/12

**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.

**Fall 2018: PSYC GU4682**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4682	001/15557	T 2:10pm - 4:00pm 200c Schermerhorn Hall	Larisa Heiphetz	4	10/12

**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.

**Spring 2019: PSYC GU4686**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4686	001/26699	Th 10:10am - 12:00pm 405 Schermerhorn Hall	Claudia Schneider	4	9/12

**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 2019: PSYC GU4690**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4690	001/11742	M 2:10pm - 4:00pm 200b Schermerhorn Hall	Geraldine Downey	3	20/27

## PUBLIC HEALTH

### SPECIAL CONCENTRATION IN PUBLIC HEALTH

**Director of Undergraduate Programs:** Dana March  
| Rosenfield 506, 722 West 168 Street | 212 342 3759  
| dm2025@cumc.columbia.edu

Some of society's most pressing problems—gun violence, the opioid epidemic, climate change, obesity, mass incarceration, health and healthcare inequalities across the globe—concern public health. These complex problems and the emergence of novel challenges in the future demand a nimble application of public health knowledge and principles, leveraging the foundations of a liberal arts education in order to achieve solutions. Viable solutions will require cross-sector collaborations and systems-level, policy, and environmental action that will affect the social, political, and economic determinants of health. Necessary for leaders to solve these types of societal problems is a broad set of fundamental set of skills. Critical thinking, analytical, problem-solving, and communications skills are necessary to contextualize these problems historically, philosophically, socially, and culturally, and to conceptualize dynamic needs and evidence-based solutions to key parts of these problems.

Public health is integral to a civil society. The many determinants of population health—from the environmental, social, political, and economic factors that shape rates of disease in human populations to the biological factors that ultimately constitute the corporeal mechanisms for disease in individuals—are complex and intertwined. Moreover, how population health is understood, protected, and promoted, is replete with controversies and tensions that are ripe for intellectual interrogation. As such, population health and its connection to civil society is an inherently interdisciplinary area of inquiry. The health and well-being of human populations brings together numerous disciplines, including but not limited to anthropology, architecture, biology, chemistry, demography, ecology, economics, history, international development, mathematics, political science, psychology, sociology, and statistics.

The special concentration in public health is intended to be a secondary emphasis of study that complements the disciplinary specialization of a major. The goal for the undergraduate special concentration in public health is to foster critical understanding and analysis of the multiple ways in which population health both shapes and is shaped by civil society, complementing the foundation created by the Core curriculum. At the heart of the special concentration in public health are historical and contemporary issues in population health in the context of an increasingly connected, global, urban, aging, and inequitable world. The key themes of inequality, globalization, urbanization, development, the environment, and aging serve as the framework for the constituent courses in the special concentration in public health.

## FACULTY

James Colgrove (<https://www.mailman.columbia.edu/people/our-faculty/jc988>)

Linda Fried (<https://www.mailman.columbia.edu/people/our-faculty/lf2296>)

Dana March (<https://www.mailman.columbia.edu/people/our-faculty/dm2025>)

Terry McGovern (<https://www.mailman.columbia.edu/people/our-faculty/tm457>)

Rachel Moresky (<https://www.mailman.columbia.edu/people/our-faculty/rtm2102>)

Ana Navas-Acien (<https://www.mailman.columbia.edu/people/our-faculty/an2737>)

Anne Paxton (<https://www.mailman.columbia.edu/people/our-faculty/ap428>)

Marni Sommer (<https://www.mailman.columbia.edu/people/our-faculty/ms2778>)

## SPECIAL CONCENTRATION IN PUBLIC HEALTH

The special concentration, comprising a **minimum of 25 points** of coursework, consists of **five required courses (16 points)** and **at least three electives (minimum of 9 points)** that provide additional depth and dimension to the underlying themes of the concentration.

### Core Public Health Course Requirements

The required courses create a rich intellectual foundation in public health, providing students with a multifaceted view of the social production of health, as well as an integrated exposure to and understanding of the core disciplines of public health. Together, they serve to illuminate and allow students to analyze critically the social production of health and its connections with and implications for civil society. These courses have no prerequisites, and can be taken individually, as the student's schedule permits.

### Required Courses for the Special Concentration in Public Health

PUBH UN3100	Fundamentals of Global Health
PUBH UN3200	Introduction to Public Health
PUBH GU4100	(Y)our Longer Life
HSPB UN2950	Social History of American Public Health

TBD Environmental Justice (Fall 2019)

### Elective Courses

Elective courses (minimum of 9 points) in the Special Concentration in Public Health will allow students to draw upon courses offered in a wide range of departments and centers



across the University. Proposed electives must be approved by the Director of Undergraduate Studies.

Examples of departments with relevant elective courses include: African American Studies; Comparative Literature and Society; The Center for Ethnicity and Race; Earth and Environmental Sciences; Economics; Ecology, Evolution, and Environmental Biology; History; Human Rights; History of South East Asia; Political Science; Psychology; Sociology; Statistics; Sustainable Development; Women's Studies; Urban Studies. Elective courses are designed to allow students to add dimension and depth to their interests in public health, along the main themes of the Special Concentration. Electives may also allow students to amplify the connections to public health in their major area of study. Conversely, students may choose to take electives that allow them to gain more breadth in concepts to which they have been exposed in the set of required public health courses.

## Elective Examples (At least 3)

### Population Health, Inequality, and Society

AFAS GU4035	Criminal Justice and the Carceral State in the 20th Century United States
CPLS GU4320	Marginalization in Medicine: A Practical Understanding of the Social Implications of Race
CPLS GU4220	Narrative, Health, and Social Justice
CSER UN3445	City, Environment, and Vulnerability
CSER UN3905	Asian Americans and the Psychology of Race
CSER UN3924	Latin American and Latina/o Social Movements
CSER UN3942	Race and Racisms
CSER GU4340	Visionary Medicine: Racial Justice, Health and Speculative Fictions
CSER GU4482	Indigenous People's Rights: From Local Identities to the Global Indigenous Movement
CSER GU4483	Subcitizenship
ECON GU4438	Economics of Race in the U.S.
EEEB GU4321	Human Nature: DNA, Race & Identity
HIST UN2523	History of Health Inequality in the Modern United States
HIST UN3437	Poisoned Worlds: Corporate Behavior and Public Health
HIST UN3911	Medicine and Western Civilization
HIST W4985	Citizenship, Race, Gender and the Politics of Exclusion
HIST GU4584	Drug Policy and Race
HIST GU4588	Substance Abuse Politics in African-American History
HRTS BC3850	Human Rights and Public Health

HRTS GU4215	NGOs and the Human Rights Movement: Strategies, Successes and Challenges
HRTS GU4230	Refugees, Forced Migration, and Displacement
HRTS GU4500	SOCIO-ECONOMIC RIGHTS: SELECTED ISSUES
HRTS GU4700	Ethical Dilemmas in Healthcare: A Human Rights Approach
HRTS GU4880	Human Rights in the United States
POLS UN3220	Logic of Collective Choice
POLS W3245	Race and Ethnicity In American Politics
POLS UN3595	Social Protection Around the World
SOCI V2230	Food and the Social Order
SOCI W2420	Race and Place in Urban America
SOCI UN3010	Methods for Social Research
SOCI UN3213	Sociology of African American Life
SOCI W3214	Immigration and the Transformation of American Society
SOCI UN3261	Sexuality and Society
SOCI UN3265	Sociology of Work and Gender
SOCI UN3323	Race, Gender, Sexuality, and Punishment
SOCI W3643	Stratification and Inequality
SOCI W3913	Race and Ethnicity in a Global World
SOCI UN3914	Seminar in Inequality, Poverty, and Mobility
WMST GU4506	Gender Justice
SOCI UN3915	Stigma and Discrimination
SOCI W3920	Social Networks
SOCI UN3931	Sociology of the Body
SOCI W3923	Adolescent Society
SOCI UN3960	Law, Science, and Society

### Globalization, Urbanization, Development, and the Environment

EEEB GU4127	Disease Ecology
EEEB GU4111	Ecosystem Ecology and Global Change
EEEB GU4260	Food, Ecology, and Globalization
EESC UN2330	Science for Sustainable Development
EESC W4403	Managing and adapting to climate change
EESC GU4600	Earth Resources and Sustainable Development
FSPH UN1100	FOOD, PUBLIC HEALTH & PUBLIC POLICY
HIST GU4811	Encounters with Nature: The History of Environment and Health in South Asia and Beyond
HRTS GU4915	Human Rights and Urban Public Space

HSEA GU4844	GLOBAL HONG KONG
SDEV UN2300	Challenges of Sustainable Development
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3350	(Environmental Policy and Governance for Sustainability)
SDEV UN3355	Climate Change and Law
SDEV UN3360	Disasters and Development
SDEV UN3400	Human Populations and Sustainable Development
SDEV UN3410	Urbanization and Sustainable Development
SDEV GU4050	Essential Connections: US Water & Energy Policy in a Resource-Constrained World
SOCI UN3324	Global Urbanism
URBS UN3450	Neighborhood and Community Development
URBS UN3993	Senior Seminar: The Built Environment
URBS UN3565	Cities in Developing Countries: Problems and Prospects
URBS UN3315	Metropolitics of Race and Place
URBS UN3550	Community Building and Economic Development
URBS UN3565	Cities in Developing Countries: Problems and Prospects

### Individuals, Bodies, and Population Health

FSEB UN1020	Food and the Body
PSYC UN2460	Drugs and Behavior
PSYC UN2480	The Developing Brain (The Developing Brain)
PSYC UN2650	Introduction to Cultural Psychology

### Quantitative Foundations

STAT UN1001	Introduction to Statistical Reasoning
STAT UN1101	Introduction to Statistics

## PUBLIC HEALTH SPECIAL CONCENTRATION COURSE LIST

### 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 2019: PUBH UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3100	001/70221	T Th 4:10pm - 5:25pm 501 Northwest Corner	Helen de Pinho, Rachel Moresky	3	81/100

### 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?

### Fall 2018: PUBH UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3200	001/62696	T Th 6:10pm - 7:25pm 313 Fayerweather	Dana March	3	56/80

### 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 2019: PUBH GU4100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 4100	001/13021	T Th 4:10pm - 5:25pm 312 Mathematics Building	Dana March, Linda Fried	3	51/100

**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 2019: HSPB UN2950**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSPB 2950	001/79697	T Th 8:40am - 9:55am 501 Schermerhorn Hall	James Colgrove	4	159/180

# REGIONAL STUDIES

## EAST CENTRAL EUROPEAN CENTER

<http://ece.columbia.edu/>

**Director:** Prof. Alan Timberlake, 1228 International Affairs Building; 212-854-8488; [at2205@columbia.edu](mailto: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>

**Director of Undergraduate Studies:** Prof. Zhaohua Yang, 80 Claremont; 212-851-4147; [zy2200@columbia.edu](mailto:zy2200@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)  
 Peter Awn  
 Courtney Bender  
 Beth Berkowitz (Barnard)  
 Elizabeth Castelli (Barnard)  
 Matthew Engelke  
 Katherine Pratt Ewing  
 Bernard Faure  
 Tiffany Hale (Barnard)  
 John Hawley (Barnard)  
 Rachel McDermott (Barnard)  
 David (Max) Moerman (Barnard)  
 Wayne Proudfoot  
 Robert Somerville  
 Mark Taylor  
 Robert Thurman

## ASSOCIATE PROFESSORS

Michael Como  
 Najam Haider (Barnard)  
 Josef Sorett

## ASSISTANT PROFESSORS

Clémence Boulouque  
 Gale Kenny (Barnard)  
 Zhaohua Yang

## ADJUNCT FACULTY

Obery Hendricks  
 David Kittay  
 Hussein Rashid

Derek Mancini-Lander  
 Thomas Yarnall

## POSTDOCTORAL FELLOWS

Mohamed Ait Amer Meziane (IRCPL)  
 Daniel Herskowitz (IIJS)  
 Rajbir Judge (IRCPL)

## ON LEAVE

Prof. Bender (2018-19)  
 Prof. Boulouque (2018-19)  
 Prof. Ewing (Fall 2018)  
 Prof. Kenny (2018-19)  
 Prof. McDermott (2018-19)  
 Prof. Proudfoot (2018-19)  
 Prof. Somerville (Fall 2018)  
 Prof. Sorett (Fall 2018)  
 Prof. Taylor (2018-19)  
 Prof. Thurman (2018-19)

## 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 2019

### 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.

Spring 2019: RELI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2205	001/12222	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Thomas Yarnall	4	61/120

### 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 2019: RELI UN2304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/10671	M W 4:10pm - 5:25pm 403 International Affairs Bldg	Robert Somerville	3	26/60

### 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.

Spring 2019: RELI UN2307

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2307	001/62734	M W 1:10pm - 2:25pm 310 Fayerweather	Kwi Lee	3	60/90

### RELI UN2670 Magic and Modernity. 3 points.

Not offered during 2018-19 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.

Spring 2019: RELI UN2670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2670	001/13199	T Th 10:10am - 11:25am 201 80 Claremont	Matthew Engelke	3	25/30

### 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

Fall 2018: RELI UN3407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/87192	M W 11:40am - 12:55pm 347a Macy Hall	Derek Mancini-Lander	4	4/60

Spring 2019: RELI UN3407

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/67439	M W 11:40am - 12:55pm 413 Kent Hall	Derek Mancini-Lander	4	20/60

**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.

**Spring 2019: RELI UN3521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3521	001/88947	M W 2:40pm - 3:55pm 717 Hamilton Hall	Derek Mancini-Lander	4	35/60

**RELI UN3902 Guided Reading and Research. 1-3 points.**

Prerequisites: the instructor's permission.

**Spring 2019: RELI UN3902**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/27807		Robert Thurman	1-3	0/5
RELI 3902	002/24463		Peter Awn	1-3	0/5
RELI 3902	003/76125		Robert Somerville	1-3	0/5
RELI 3902	004/12312		Thomas Yarnall	1-3	0/5
RELI 3902	005/73902		Gary Dorrien	1-3	0/5
RELI 3902	006/69142		Clemence Boulouque	1-3	0/5
RELI 3902	007/73191		Michael Como	1-3	0/5
RELI 3902	008/67214		Katherine Pratt Ewing	1-3	0/5
RELI 3902	009/71679		Courtney Bender	1-3	1/5
RELI 3902	010/68745		Mark Taylor	1-3	0/5
RELI 3902	011/65125		Bernard Faure	1-3	0/5
RELI 3902	012/28116		Gil Anidjar	1-3	0/5
RELI 3902	013/63675		Josef Sorett	1-3	0/5
RELI 3902	014/16652		Euan Cameron	1-3	0/5
RELI 3902	018/09563		Beth Berkowitz	1-3	0
RELI 3902	021/02226		Elizabeth Castelli	1-3	0

RELI 3902 022/02774

David Moerman 1-3 0

RELI 3902 023/08885

Rachel McDermott 1-3 0

RELI 3902 025/12010

David Kittay 1-3 1/5

**RELI GU4170 History of Christianity: Topics in Pre-Modern Papal History. 4 points.**

Prerequisites: the instructor's permission.

An examination of a series of episodes that are of special consequence for papal history in Late Antiquity and the Middle Ages. Readings in both primary and secondary sources in English translation.

**Spring 2019: RELI GU4170**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4170	001/69641	T 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	6/20

**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.

**Spring 2019: RELI GU4228**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4228	001/61780	Th 12:10pm - 2:00pm 101 80 Claremont	Rajbir Judge	4	11/20

**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

**Spring 2019: RELI GU4325**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4325 001/21245 T 2:10pm - 4:00pm Katherine 4 4/15  
201 80 Claremont Pratt Ewing

**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 2019: RELI GU4355

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4355	001/26946	W 12:10pm - 2:00pm 101 80 Claremont	Obery Hendricks	4	10/12

**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.

Spring 2019: RELI GU4418

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4418	001/78781	M 10:10am - 12:00pm 201 80 Claremont	Mohamed Ait Amer Mezziane	4	14/20

**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.

Spring 2019: RELI GU4513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4513	001/73173	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	4	15/20

**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 20<sup>th</sup> 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.

Spring 2019: RELI GU4516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4516	001/17396	W 2:10pm - 4:00pm 201 80 Claremont	Nicholas Bartlett, Katherine Pratt Ewing	4	4/20

**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.

Spring 2019: RELI GU4562

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4562	001/63031	M 12:10pm - 2:00pm 201 80 Claremont	Talal Asad	4	12/20

**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.

### **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.**

#### **Spring 2019: RELI GU4626**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4626	001/75078	Th 2:10pm - 4:00pm 101 80 Claremont	Gil Anidjar	4	5/25

## **FALL 2018**

### **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 2018: RELI UN2305**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/04539	M W 1:10pm - 2:25pm LI103 Diana Center	Najam Haider	4	35/60

### **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.

#### **Fall 2018: RELI UN2306**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2306	001/04540	T Th 10:10am - 11:25am LI103 Diana Center	Beth Berkowitz	3	60/60

### **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 2018: RELI UN2308**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/14582	M W 10:10am - 11:25am 501 Northwest Corner	Michael Como	4	151/160

### **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.

### **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 2018: RELI UN3199**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/27334	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	3	14/25

#### **Spring 2019: RELI UN3199**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/03887	T 10:10am - 12:00pm 308 Diana Center	Beth Berkowitz	3	23/25

### **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 2018: RELI UN3202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/06273	T Th 4:10pm - 5:25pm 323 Milbank Hall	Tiffany Hale	3	10/50

**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.

**Fall 2018: RELI UN3340**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3340	001/06277	M W 10:10am - 11:25am 324 Milbank Hall	Elizabeth Castelli	3	25/40

**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

**Fall 2018: RELI UN3407**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/87192	M W 11:40am - 12:55pm 347a Macy Hall	Derek Mancini-Lander	4	4/60

**Spring 2019: RELI UN3407**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/67439	M W 11:40am - 12:55pm 413 Kent Hall	Derek Mancini-Lander	4	20/60

**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.

**Fall 2018: RELI UN3606**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3606	001/93096	Th 12:10pm - 2:00pm 101 80 Claremont	Joseph Fisher	3	11/15

**RELI UN3901 Guided Reading and Research. 1-4 points.**

Prerequisites: the instructor's permission.

**Fall 2018: RELI UN3901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/26187		Euan Cameron	1-4	0/5
RELI 3901	002/27148		Michael Como	1-4	0/5
RELI 3901	003/72683		Gary Dorrien	1-4	0/5
RELI 3901	004/14189		Gil Anidjar	1-4	0/5
RELI 3901	005/61762		Zhaohua Yang	1-4	0/5
RELI 3901	006/24251		Josef Sorett	1-4	0/5
RELI 3901	007/71168		Katherine Pratt Ewing	1-4	0/5
RELI 3901	008/61465		Bernard Faure	1-4	0/5
RELI 3901	009/15937		David Kittay	1-4	0/5
RELI 3901	018/06011		Elizabeth Castelli	1-4	0
RELI 3901	021/03779		Najam Haider	1-4	0
RELI 3901	022/05677		Beth Berkowitz	1-4	1
RELI 3901	023/03063		John Hawley	1-4	0
RELI 3901	024/04412		David Moerman	1-4	0

**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 2018: RELI GU4105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4105	001/03701	W 4:10pm - 6:00pm 306 Milbank Hall	Najam Haider	4	11/20

**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?

**Fall 2018: RELI GU4218**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4218	001/60535	Th 12:10pm - 2:00pm 201 80 Claremont	Daniel Hershkowitz	4	3/20

**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.

**Fall 2018: RELI GU4219**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4219	001/92204	W 10:10am - 12:00pm 101 80 Claremont	Rajbir Judge	4	3/19

**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.

**Fall 2018: RELI GU4307**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4307	001/14887	T 2:10pm - 4:00pm 311 Fayerweather	Zhaohua Yang	4	11/30

**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.

**Fall 2018: RELI GU4318**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4318	001/61988	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	26/35

**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.

**Fall 2018: RELI GU4416**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4416	001/12250	Th 10:00am - 12:00pm 101 80 Claremont	Mohamed Ait Amer Meziane	4	3/20



**RELI GU4611 The Lotus Sutra in East Asian Buddhism. 4 points.**

Prerequisites: open to students who have taken one previous course in either Buddhism, Chinese religions, or a history course on China or East Asian.

The course examines some central Mahayana Buddhist beliefs and practices through an in-depth study of the Lotus sutra. Schools (Tiantai/Tendai, Nichiren) and cultic practices such as sutra-chanting, meditation, confessional rites, and Guanyin worship based on the scripture. East Asian art and literature inspired by it.

Fall 2018: RELI GU4611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4611	001/02088	W 2:10pm - 4:00pm 201 80 Claremont	David Moerman	4	10/20

**ALL COURSES (INCLUDING THOSE NOT OFFERED IN ACADEMIC YEAR 2018-2019)****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 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.

Fall 2018: RELI UN1620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1620	001/62498	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Hussein Rashid	3	27/60

**RELI UN2201 BUDDHISM: INDO-TIBETAN-DISC. 0 points.**

Not offered during 2018-19 academic year.

Discussion section for RELI UN2205 Buddhism: Indo-Tibetan

Spring 2019: RELI UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2201	001/60851	M 5:10pm - 6:00pm 405 International Affairs Bldg	Thomas Yarnall	0	1/30
RELI 2201	002/62047	T 5:10pm - 6:00pm 413 International Affairs Bldg	Thomas Yarnall	0	5/30
RELI 2201	003/62300	W 2:10pm - 3:00pm 602 Northwest Corner	Thomas Yarnall	0	6/30
RELI 2201	004/62700	Th 10:10am - 11:00am 415 Schapiro Cepser	Thomas Yarnall	0	2/30

**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.

**Spring 2019: RELI UN2205**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2205	001/12222	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Thomas Yarnall	4	61/120

**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 2019: RELI UN2304**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/10671	M W 4:10pm - 5:25pm 403 International Affairs Bldg	Robert Somerville	3	26/60

**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 2018: RELI UN2305**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/04539	M W 1:10pm - 2:25pm LI103 Diana Center	Najam Haider	4	35/60

**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.

**Fall 2018: RELI UN2306**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 2306	001/04540	T Th 10:10am - 11:25am LI103 Diana Center	Beth Berkowitz	3	60/60
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**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.

**Spring 2019: RELI UN2307**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2307	001/62734	M W 1:10pm - 2:25pm 310 Fayerweather	Kwi Lee	3	60/90

**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 2018: RELI UN2308**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/14582	M W 10:10am - 11:25am 501 Northwest Corner	Michael Como	4	151/160

**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.

**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 2018-19 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 UN2415 Religions of Harlem. 3 points.**  
**Not offered during 2018-19 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 2018-19 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.

**Spring 2019: RELI UN2670**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2670	001/13199	T Th 10:10am - 11:25am 201 80 Claremont	Matthew Engelke	3	25/30

**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 2018: RELI UN3199**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/27334	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	3	14/25

**Spring 2019: RELI UN3199**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/03887	T 10:10am - 12:00pm 308 Diana Center	Beth Berkowitz	3	23/25

**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 2018: RELI UN3202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/06273	T Th 4:10pm - 5:25pm 323 Milbank Hall	Tiffany Hale	3	10/50

**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.

**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 2018-19 academic year.**

In Religion in the Archive, students will conduct archival research and create digital humanities projects that "remix" and decolonize a missionary archive: the Papers of Matilda Calder Thurston (1875-1958), an American missionary who helped establish the first four-year women's college in China, Ginling College in Nanjing. Thurston's papers belong to the Missionary Research Library housed at Burke Library. The class will meet twice a week for lectures addressing the history of American and Chinese religions and focused on theoretical questions of imperialism, gender, conversion, and modernization. Students will also engage with debates about the archive/archiving, the digital humanities, and what it means to present scholarly research to a public audience. During the Friday recitation, students will conduct archival research and scan archival documents, to embed

metadata, to work with a database program, and to design a website and/or produce a podcast.

**RELI 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 UN3260 Sociology of Religion. 3 points.**

Prerequisites: prior coursework in religion or sociology is highly encouraged.

This course introduces classical and contemporary theoretical and empirical approaches to the sociological study of religion, including secularization and secularity, religious identity formation, and sociological approaches to religious practice and meaning. Special focus will be on contemporary American topics, including religion and transnationalism, the role of religious actors and discourses in American politics, law and economics, and everyday religious practice.

**RELI UN3303 Judaism and Translation in the Medieval and Early Modern Mediterranean. 3 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course explores both the practice of translation (the rendering of texts from one language to another) and the idea of translation (as a medium of cultural transmission) in the medieval and early modern Mediterranean.

**RELI 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.

**Fall 2018: RELI UN3340**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3340	001/06277	M W 10:10am - 11:25am 324 Milbank Hall	Elizabeth Castelli	3	25/40

**RELI UN3357 I and We in the Christian East: The Making of Identity. 3 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will provide a survey of Christian history in the eastern Mediterranean and Near East from roughly the fourth to the eleventh centuries with particular attention to religion and identity. How would the various Christians in this era answer the questions: "Who am I?" "Who are we?" How did their understanding of the divine influence their understanding of themselves and how was this identity enacted through writing and ritual? Though our focus will be on this period, we will also consider the framing of the history of "Eastern" Christianity into the modern period. No prerequisites.

**RELI UN3401 MUSLIMS IN DIASPORA-DISC. 0 points.**

Corequisites: RELI UN3407

Discussion section associated with RELI UN3407-MUSLIMS IN DIASPORA.

**Fall 2018: RELI UN3401**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3401	001/27284	W 3:00pm - 3:50pm 501b International Affairs Bldg		0	0/30
RELI 3401	002/28534	Th 2:10pm - 3:00pm 303 Hamilton Hall		0	0/30

**Spring 2019: RELI UN3401**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3401	001/24287			0	6/30
RELI 3401	002/13460			0	2/30

**RELI UN3406 Space, Narrative, and Religion in India. 3 points.**

Not offered during 2018-19 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

**Fall 2018: RELI UN3407**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/87192	M W 11:40am - 12:55pm 347a Macy Hall	Derek Mancini-Lander	4	4/60

**Spring 2019: RELI UN3407**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3407	001/67439	M W 11:40am - 12:55pm 413 Kent Hall	Derek Mancini-Lander	4	20/60

**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 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 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 16<sup>th</sup> 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.

**Spring 2019: RELI UN3521**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3521	001/88947	M W 2:40pm - 3:55pm 717 Hamilton Hall	Derek Mancini-Lander	4	35/60

**RELI UN3522 MUSLIM MASCULINITIES-DISC. 0 points.**

Discussion section for RELI UN3521 - MUSLIM MASCULINITIES

**Spring 2019: RELI UN3522**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3522	001/97646		Derek Mancini-Lander	0	10/30
RELI 3522	002/74788		Derek Mancini-Lander	0	1/30

**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.

**Fall 2018: RELI UN3606**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3606	001/93096	Th 12:10pm - 2:00pm 101 80 Claremont	Joseph Fisher	3	11/15

**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 2018: RELI UN3901**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/26187		Euan Cameron	1-4	0/5
RELI 3901	002/27148		Michael Como	1-4	0/5
RELI 3901	003/72683		Gary Dorrien	1-4	0/5
RELI 3901	004/14189		Gil Anidjar	1-4	0/5
RELI 3901	005/61762		Zhaohua Yang	1-4	0/5
RELI 3901	006/24251		Josef Sorett	1-4	0/5
RELI 3901	007/71168		Katherine Pratt Ewing	1-4	0/5
RELI 3901	008/61465		Bernard Faure	1-4	0/5
RELI 3901	009/15937		David Kittay	1-4	0/5
RELI 3901	018/06011		Elizabeth Castelli	1-4	0
RELI 3901	021/03779		Najam Haider	1-4	0
RELI 3901	022/05677		Beth Berkowitz	1-4	1
RELI 3901	023/03063		John Hawley	1-4	0
RELI 3901	024/04412		David Moerman	1-4	0

**RELI UN3902 Guided Reading and Research. 1-3 points.**

Prerequisites: the instructor's permission.

**Spring 2019: RELI UN3902**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/27807		Robert Thurman	1-3	0/5
RELI 3902	002/24463		Peter Awn	1-3	0/5
RELI 3902	003/76125		Robert Somerville	1-3	0/5
RELI 3902	004/12312		Thomas Yarnall	1-3	0/5
RELI 3902	005/73902		Gary Dorrien	1-3	0/5
RELI 3902	006/69142		Clemence Boulouque	1-3	0/5
RELI 3902	007/73191		Michael Como	1-3	0/5
RELI 3902	008/67214		Katherine Pratt Ewing	1-3	0/5
RELI 3902	009/71679		Courtney Bender	1-3	1/5
RELI 3902	010/68745		Mark Taylor	1-3	0/5
RELI 3902	011/65125		Bernard Faure	1-3	0/5
RELI 3902	012/28116		Gil Anidjar	1-3	0/5
RELI 3902	013/63675		Josef Sorett	1-3	0/5
RELI 3902	014/16652		Euan Cameron	1-3	0/5

RELI 3902	018/09563		Beth Berkowitz	1-3	0
RELI 3902	021/02226		Elizabeth Castelli	1-3	0
RELI 3902	022/02774		David Moerman	1-3	0
RELI 3902	023/08885		Rachel McDermott	1-3	0
RELI 3902	025/12010		David Kittay	1-3	1/5

**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 2018: RELI GU4105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4105	001/03701	W 4:10pm - 6:00pm 306 Milbank Hall	Najam Haider	4	11/20

**RELI GU4170 History of Christianity: Topics in Pre-Modern Papal History. 4 points.**

Prerequisites: the instructor's permission.

An examination of a series of episodes that are of special consequence for papal history in Late Antiquity and the Middle Ages. Readings in both primary and secondary sources in English translation.

**Spring 2019: RELI GU4170**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4170	001/69641	T 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	6/20

**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 GU4205 Love, Translated: Hindu Bhakti. 4 points.**

Hindu poetry of radical religious participation-bhakti-in translation, both Sanskrit (the Bhagavad Gita) and vernacular. How does such poetry/song translate across linguistic divisions within India and into English? Knowledge of Indian languages is welcome but not required. Multiple translations of a single text or poet bring to light the choices translators have made.

**RELI 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 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?

**Fall 2018: RELI GU4218**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4218	001/60535	Th 12:10pm - 2:00pm 201 80 Claremont	Daniel Hershkowitz	4	3/20

**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.

**Fall 2018: RELI GU4219**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4219	001/92204	W 10:10am - 12:00pm 101 80 Claremont	Rajbir Judge	4	3/19

**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 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.

**Spring 2019: RELI GU4228**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4228	001/61780	Th 12:10pm - 2:00pm 101 80 Claremont	Rajbir Judge	4	11/20

**RELI GU4304 Krishna. 4 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of a single deity in the Hindu pantheon as illuminated in art, music, dance, drama, theological treatises, patterns of ritual, and texts both classic and modern. Special attention to Krishna's consort Radha, to Krishna's reception in the West, and to his portrayal on Indian television.

**RELI GU4305 Secular 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.

**Fall 2018: RELI GU4307**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4307	001/14887	T 2:10pm - 4:00pm 311 Fayerweather	Zhaohua Yang	4	11/30

**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 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.

**Fall 2018: RELI GU4318**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4318	001/61988	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	26/35

**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

**Spring 2019: RELI GU4325**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4325	001/21245	T 2:10pm - 4:00pm 201 80 Claremont	Katherine Pratt Ewing	4	4/15

**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 2019: RELI GU4355**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4355	001/26946	W 12:10pm - 2:00pm 101 80 Claremont	Obery Hendricks	4	10/12

**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.

**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.

**Fall 2018: RELI GU4416**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4416	001/12250	Th 10:00am - 12:00pm 101 80 Claremont	Mohamed Ait Amer Meziane	4	3/20

**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.

**Spring 2019: RELI GU4418**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4418	001/78781	M 10:10am - 12:00pm 201 80 Claremont	Mohamed Ait Amer Meziane	4	14/20

**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.

**Spring 2019: RELI GU4513**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4513	001/73173	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	4	15/20

**RELI GU4514 Defining Marriage. 4 points.**

This seminar examines the changing purpose and meaning of marriage in the history of the United States from European colonization through contemporary debates over gay marriage. Topics include religious views of marriage, interracial marriage, and the political uses of the institution.

**RELI GU4515 Reincarnation and Technology. 4 points.**

A seminar exploring reincarnation, resurrection, and their contemporary cyber-relatives, uploading and simulation.

We'll explore Abrahamic, Amerind, Chinese, Greek, and Indian accounts, the Tibetan Buddhist reincarnation tradition and methodology in detail, and contemporary research on reincarnation, near-death, and out-of-body experiences. We will then turn to contemporary developments in science, religion, and philosophy concerning uploading consciousness to computer media and the probability that we are living a simulation. We will investigate whether religious traditions are consistent with or expressive of simulated reality, and the application of karma to all of the above.

**RELI GU4516 The Politics of Freud in the Postcolony. 4 points.**

This seminar examines the legacies of psychoanalysis through a critical exploration of how its concepts, practices and institutes have operated in colonial and postcolonial contexts. Weekly

discussions will look at how practicing therapists, activists, anthropologists and others have extended, subverted and displaced psychoanalytic thought within non-European histories and imaginaries. Topics include challenges to the universality of the Oedipus emerging from early 20<sup>th</sup> 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.

**Spring 2019: RELI GU4516**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4516	001/17396	W 2:10pm - 4:00pm 201 80 Claremont	Nicholas Bartlett, Katherine Pratt Ewing	4	4/20

**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.

**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.

**Spring 2019: RELI GU4562**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4562	001/63031	M 12:10pm - 2:00pm 201 80 Claremont	Talal Asad	4	12/20

**RELI GU4611 The Lotus Sutra in East Asian Buddhism. 4 points.**

Prerequisites: open to students who have taken one previous course in either Buddhism, Chinese religions, or a history course on China or East Asian.

The course examines some central Mahayana Buddhist beliefs and practices through an in-depth study of the Lotus sutra. Schools (Tiantai/Tendai, Nichiren) and cultic practices such as sutra-chanting, meditation, confessional rites, and Guanyin worship based on the scripture. East Asian art and literature inspired by it.

**Fall 2018: RELI GU4611**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4611	001/02088	W 2:10pm - 4:00pm 201 80 Claremont	David Moerman	4	10/20

**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.

**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.**

**Spring 2019: RELI GU4626**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4626	001/75078	Th 2:10pm - 4:00pm 101 80 Claremont	Gil Anidjar	4	5/25

**RELI GU4630 Indo-Tibetan Buddhist Philosophy. 4 points.**

Examination of topics in the religious philosophy of Tibet.

**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.

**RELI GU4998 Religion and the Indian Wars. 4 points.**  
**Not offered during 2018-19 academic year.**



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.

## SLAVIC LANGUAGES

**Departmental Office:** 708 Hamilton; 212-854-3941  
<http://www.columbia.edu/cu/slavic/>

**Director of Undergraduate Studies:**

Prof. Jessica Merrill, 715 Hamilton Hall; 212-854-3941;  
[jem2159@columbia.edu](mailto:jem2159@columbia.edu)

**Russian Language Program Director:**

Prof. Alla Smyslova, 708 Hamilton; 212-854-8155;  
[as2157@columbia.edu](mailto: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.

## PROFESSORS

Valentina Izmirlieva  
 Liza Knapp  
 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

Cathy Popkin (Fall 2018, Spring 2019)

## 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

## 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 2018: BCRS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1101	001/67439	M W F 10:10am - 11:25am 352c International Affairs Bldg	Alexey Pekov	4	2/12

### 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 2019: BCRS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1102	001/62589	M W F 10:10am - 11:25am 352c International Affairs Bldg	Alexey Pekov	4	4/12

### 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 2018: BCRS UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2101	001/27807	F 11:40am - 12:55pm 254 International Affairs Bldg	Aleksandar Boskovic	3	3/12
BCRS 2101	001/27807	M W 11:40am - 12:55pm 255 International Affairs Bldg	Aleksandar Boskovic	3	3/12

#### 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 2019: BCRS UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2102	001/13225	M W F 11:40am - 12:55pm 255 International Affairs Bldg	Aleksandar Boskovic	3	2/12

#### 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 2018: BCRS GU4331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4331	001/24463	M W 10:10am - 11:25am 255 International Affairs Bldg	Aleksandar Boskovic	3	7/12

#### 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 2019: BCRS GU4332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4332	001/71229	M W 10:10am - 11:25am 255 International Affairs Bldg	Aleksandar Boskovic	3	5/12

## COMPARATIVE LITERATURE - CZECH

#### CLCZ GU4020 Czech Culture Before Czechoslovakia. 3 points.

Not offered during 2018-19 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.

#### Spring 2019: CLCZ GU4030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4030	001/63867	T Th 2:40pm - 3:55pm 709 Hamilton Hall	Christopher Harwood	3	3/18

#### 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.

#### Fall 2018: CLCZ GU4038

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4038	001/65869	T Th 2:40pm - 3:55pm 407 Hamilton Hall	Christopher Harwood	3	4/18

## COMPARATIVE LITERATURE - POLISH

#### CLPL GU4042 Bestsellers of Polish Literature. 3 points.

Not offered during 2018-19 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 2018-19 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 2018-19 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 Tullic 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.

**Fall 2018: CLPL GU4301**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPL 4301	001/63099	T Th 2:40pm - 3:55pm 511 Hamilton Hall	Christopher Caes	3	6/25

## 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, Vasiliy 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) (<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 2018-19 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, cinépoetry, 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, Mică, Vučković, Matijašević. 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 2018: CLSL GU4075**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4075	001/15741	T 6:10pm - 10:00pm 613 Hamilton Hall	Yuri Shevchuk	3	8/23

**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.

**Spring 2019: CLSS GU4101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLSS 4101	001/11547	M 6:10pm - 8:00pm 507 Philosophy Hall	Aleksandar Boskovic	3	9/12

**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 (Brontë's *Jane Eyre*, Eliot's *Middlemarch*, Woolf's *Mrs. Dalloway*). No knowledge of Russian is required.

**Fall 2018: CLRS GU4011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLRS 4011 001/10671 M W 10:10am - 11:25am Liza Knapp 3 34/65  
702 Hamilton Hall

**CLRS GU4017 Chekhov [English]. 3 points.**  
**Not offered during 2018-19 academic year.**

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 The Russian American Experience. 3 points.**

In recent decades, Russian immigrant identity has changed. Immigrants and children of immigrants are much more involved with their home country. Fiction by Russian-speaking writers

shows and also establishes relationship to geographies of their birth, usually Soviet successor nations such as Russia. The focus of this class is an analysis of works by Russian-speaking writers, filmmakers, and artists who create and also trace deepening forms of dialogue between the former Soviet Republics and North America.

**Fall 2018: CLRS GU4037**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4037	001/63249	Th 4:10pm - 6:00pm 303 Hamilton Hall	Anna Katsnelson	3	2/25

**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 2018: CZCH UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1101	001/76125	T Th 10:10am - 11:25am 352b International Affairs Bldg	Christopher Harwood	4	3/12
CZCH 1101	001/76125	F 9:00am - 10:15am	Christopher Harwood	4	3/12

		352b International Affairs Bldg			
CZCH 1101	002/71151	T Th 6:10pm - 8:00pm Room TBA	Christopher Harwood	4	2

**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 2019: CZCH UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1102	001/23039	T Th 10:10am - 11:25am 352b International Affairs Bldg	Christopher Harwood	4	4/12
CZCH 1102	001/23039	F 8:50am - 10:05am 352b International Affairs Bldg	Christopher Harwood	4	4/12

**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 2018: CZCH UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 2101	001/12312	T Th F 11:40am - 12:55pm 507 Philosophy Hall	Christopher Harwood	4	1/12

**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.

**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 2018: CZCH GU4333**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4333	001/11742	T Th 1:10pm - 2:25pm 616 Hamilton Hall	Christopher Harwood	3	1/12

**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 2019: CZCH GU4334**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CZCH 4334	001/17247	T Th 1:10pm - 2:25pm 607 Hamilton Hall	Christopher Harwood	3	1/12
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**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 2018: POLI UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1101	001/73902	T Th F 1:10pm - 2:25pm 406 Hamilton Hall	Eliza Rose	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 2019: POLI UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1102	001/15569	T Th F 1:10pm - 2:25pm 116 Knox Hall	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 2018: POLI UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 2101	001/69142	T Th F 10:10am - 11:25am 406 Hamilton Hall	Christopher Caes	4	9/12

**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 2019: POLI UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 2102	001/60533	T Th F 10:10am - 11:25am 116 Knox Hall	Christopher Caes	4	8/12

**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 2018: POLI GU4101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLI 4101	001/73191	T Th F 11:40am - 12:55pm	Christopher Caes	4	5/12
406 Hamilton Hall					

### **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 2019: POLI GU4102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4102	001/28118	T Th F 11:40am - 12:55pm	Christopher Caes	4	4/12
116 Knox Hall					

## **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 2018: RMAN GU4002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 4002	001/81773	M W 11:40am - 12:35pm	Mona Momescu	3	0/15
Room TBA					

### **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 2018: RUSS UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1101	001/67214	M T W Th 8:50am - 9:55am	Elaine Wilson	5	13/12
709 Hamilton Hall					
RUSS 1101	002/71679	M T W Th 10:10am - 11:15am	Milica Ilicic	5	11/12
709 Hamilton Hall					
RUSS 1101	003/68745	M T W Th 1:10pm - 2:15pm	Tomi Haxhi	5	10/12
709 Hamilton Hall					
RUSS 1101	004/65125	M T W Th 6:10pm - 7:15pm	Stephen Bruce	5	11/12
709 Hamilton Hall					

### **RUSS UN1102 First-year Russian II. 5 points.**

Grammar, reading, composition, and conversation.

#### **Spring 2019: RUSS UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1102	001/20190	M T W Th 8:50am - 9:55am	Elaine Wilson	5	13/12
709 Hamilton Hall					
RUSS 1102	002/26862	M T W Th 10:10am - 11:15am	Milica Ilicic	5	10/12
709 Hamilton Hall					
RUSS 1102	003/24562	W 1:10pm - 2:15pm	Tomi Haxhi	5	11/12
432 Horace Mann Hall					
RUSS 1102	003/24562	M T Th 1:10pm - 2:15pm	Tomi Haxhi	5	11/12
436 Horace Mann Hall					
RUSS 1102	004/71990	M T W Th 6:10pm - 7:15pm	Stephen Bruce	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 2018: RUSS UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 2101	001/28116	M T W Th 8:50am - 9:55am	Ben Hooyman	5	11/12
707 Hamilton Hall					
RUSS 2101	002/63675	M T W Th 11:40am - 12:45pm	Benjamin Lussier	5	5/12
707 Hamilton Hall					
RUSS 2101	003/16652	M T W Th 1:10pm - 2:15pm	Vera Senina	5	7/12
707 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 2019: RUSS UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 2102	001/22531	M T W Th 8:50am - 9:55am	Ben Hooyman	5	9/12
		613 Hamilton Hall			
RUSS 2102	002/10641	M T W Th 11:40am - 12:45pm	Benjamin Lussier	5	9/12
		522b Kent Hall			
RUSS 2102	003/21711	M T W Th 1:10pm - 2:15pm	Vera Senina	5	8/12
		316 Hamilton Hall			

**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 2018: RUSS UN3101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3101	001/23543	M W F 10:10am - 11:25am 707 Hamilton Hall	Alla Smyslova	4	11/12
RUSS 3101	002/12010	M W F 1:10pm - 2:25pm 718 Hamilton Hall	Nataliya Kun	4	6/12

**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 2019: RUSS UN3102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3102	001/75423	M W F 10:10am - 11:25am 315 Hamilton Hall	Alla Smyslova	4	8/12
RUSS 3102	002/64636	M W F 1:10pm - 2:25pm 718 Hamilton Hall	Nataliya Kun	4	4/12

**RUSS UN3105 Real World Russian. 3 points.**

Not offered during 2018-19 academic year.

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.

**Spring 2019: RUSS UN3105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3105	001/11496	M W 11:40am - 12:55pm 709 Hamilton Hall	Nataliya Kun	3	6/15

**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 2018: RUSS UN3430**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3430	001/69641	M W 1:10pm - 2:25pm 313 Hamilton Hall	Alla Smyslova	3	17/15

**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 2019: RUSS UN3431**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3431	001/63648	M W 1:10pm - 2:25pm 709 Hamilton Hall	Alla Smyslova	3	18/15



**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.

Fall 2018: RUSS GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4350	001/13450	M W 11:40am - 12:55pm 709 Hamilton Hall	Nataliya Kun	3	12/15

**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.

**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 2018: RUSS GU4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4910	001/76368	W 4:10pm - 6:00pm 709 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.

**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 2019: RUSS UN3221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3221	001/66583	T Th 1:10pm - 2:25pm 644 Seeley W. Mudd Building	Jessica Merrill	3	15/40

**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 2019: RUSS UN3222**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3222	001/77182	M W 10:10am - 11:25am 717 Hamilton Hall	Liza Knapp	3	48/80

**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 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 2018: RUSS GU4107**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4107	001/01308	M W 11:40am - 12:55pm 111 Milstein Center	Holly Myers	3	9/30

**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.

**Spring 2019: RUSS GU4453**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4453	001/29530	T Th 10:10am - 11:25am 304 Hamilton Hall	Valentina Izmirlieva	3	9/40

**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 2018: RUSS GU4910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4910	001/76368	W 4:10pm - 6:00pm 709 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.

**Fall 2018: RUSS UN3332**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3332	001/17453	M W 1:10pm - 2:25pm 501 Hamilton Hall	Irina Reyfman	3	6/18

**RUSS UN3333 Vvedenie v russkuiu literaturu: Poor Liza, Poor Olga, Poor Me. 3 points.**

For non-native speakers of Russian. **Not offered during 2018-19 academic year.**

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.

**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*.

**Spring 2019: RUSS GU4332**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4332	001/99781	M W 1:10pm - 2:25pm 303 Hamilton Hall	Irina Reyfman	3	11/18

**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 2018: RUSS GU4344**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 4344	001/04772	T Th 10:10am - 11:25am LI018 Milstein Center	Vasily Lvov	3	9
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**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.

## 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 2018: SLCL UN3001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SLCL 3001	001/77189	T Th 10:10am - 11:25am 702 Hamilton Hall	Alan Timberlake	3	61/96

**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.

**Fall 2018: SLCL UN3100**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SLCL 3100	001/71947	T Th 2:40pm - 3:55pm 406 Hamilton Hall	Jessica Merrill	3	8/40

**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 2018-19 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 2018: UKRN UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1101	001/21245	M W Th 11:40am - 12:55pm 351a International Affairs Bldg	Yuri Shevchuk	3	5/12

**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 2019: UKRN UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1102	001/22582	M W Th 11:40am - 12:55pm 351a International Affairs Bldg	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 2018: UKRN UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2101	001/12663	Th 10:10am - 11:25am Room TBA	Yuri Shevchuk	3	1/12



UKRN 2101	001/12663	M W 10:10am - 11:25am 352b International Affairs Bldg	Yuri Shevchuk	3	1/12
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### **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 2019: UKRN UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2102	001/76090	M T W Th 10:10am - 11:25am 351a International Affairs Bldg	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.

#### **Fall 2018: UKRN GU4001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4001	001/20330	M W 1:10pm - 2:25pm Room TBA	Yuri Shevchuk	3	0/12

### **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.

#### **Spring 2019: UKRN GU4002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4002	001/26731	T Th 2:10pm - 4:00pm 310 Knox Hall	Yuri Shevchuk	3	0/12

### **UKRN GU4033 Early Modernism in Ukrainian Literature. 3 points.**

**Not offered during 2018-19 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.

### **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 21<sup>st</sup> century. The course will be complemented by audio and video presentations. Entirely in English with a parallel reading list for those who read Ukrainian.

**Spring 2019: UKRN GU4054**

<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
UKRN 4054	001/11482	T Th 1:10pm - 2:25pm 709 Hamilton Hall	Mark Andryczyk	3	2/18

# SOCIOLOGY

**Department Office:** 501A Knox; 212-854-2973  
<http://www.sociology.columbia.edu>

**Director of Undergraduate Studies:** Teresa Sharpe, 501 Knox;  
 ts2785@columbia.edu

**Director of Academic Administration and Finance:** Teresa  
 Aguayo, 501 Knox Hall; 212-854-9890; ta2015@columbia.edu

**Student Program Coordinator:** Kiamesha Wilson, 501A Knox;  
 kw2510@columbia.edu

Sociology is the study of associational life. In examining patterns of association, sociologists explore the interactions of people, communities, and organizations. In this sense, sociology is not the study of people; it is the study of the relationships among people. This study includes the associations between people and the products of human interaction, such as organizations, technologies, economies, cities, culture, media, and religion. In the kinds of questions it asks, sociology is a deeply humanist discipline and sociologists demand the analytic rigor of scientific investigation.

In training students in our department, we encourage them to ask big questions and we work to give them the tools to provide answers. These tools might mean ethnographic observation, pouring through historical archives, looking at census data, analyzing social networks, or interviewing people in various walks of life.

As a bridging discipline that seeks the scientific exploration of questions that matter to human communities, such as inequality and social injustice, sociology addresses many of the same areas of life as our neighboring social science disciplines. Yet we often approach these areas quite differently. For example, problems of economic and political life are a central concern to sociologists. Rather than explore these as independent or particular features of society, we seek to embed them within the complex whole of the social world. Students will find 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)  
 Yinon Cohen  
 Jonathan R. Cole  
 Thomas A. DiPrete  
 Gil Eyal  
 Priscilla Ferguson (*emerita*)  
 Todd Gitlin (Journalism)  
 Shamus Khan (Chair)  
 Bruce Kogut (Business)  
 Jennifer Lee  
 Bruce Link (School of Public Health)  
 Debra C. Minkoff (Chair, Barnard)  
 Alondra Nelson  
 Aaron Pallas (Teachers College)  
 Jonathan Rieder (Barnard)  
 Saskia Sassen  
 Seymour Spilerman  
 David Stark (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

Elizabeth Bernstein (Barnard)  
 Jennifer Lena (Teachers College)  
 Mignon Moore (Barnard)  
 Emmanuelle Saada (French and Romance Philology)  
 Josh Whitford (Director of Graduate Studies)

## ASSISTANT PROFESSORS

Maria Abascal  
 Debbie Becher (Barnard)  
 Christel Kesler (Barnard)  
 Yao Lu  
 Adam Reich  
 Carla Shedd  
 Van Tran  
 Dan Wang (Business School)

## LECTURERS

Denise Milstein  
Teresa Sharpe

## ON LEAVE

Prof. Stark, (2018-2019)  
Prof. Spilerman, (Spring 2019)

## 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: Collective Action
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

## FALL 2018

### 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 2018: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/63667	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Teresa Sharpe, Kamiya Kumar	3	190/200

#### Spring 2019: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/26786	M W 11:40am - 12:55pm 417 International Affairs Bldg	Adam Reich	3	201/250

### 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 2018: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/75555	M W 10:10am - 11:25am	Gil Eyal	3	70/75



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**Spring 2019: SOCI UN3000**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/01266	T Th 4:10pm - 5:25pm 504 Diana Center	Deborah Becher	3	45/70

**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 2018: SOCI UN3010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/21551	M W 4:20pm - 5:35pm 102a Green Hall Law Building	Maria Abascal	4	58/70

**Spring 2019: SOCI UN3010**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/02425	M 4:10pm - 5:25pm Room TBA	Marnie Brady	4	65/70
SOCI 3010	001/02425	W 4:10pm - 5:25pm 504 Diana Center	Marnie Brady	4	65/70

**SOCI UN3011 METHODS FOR SOCIAL RESEARCH - DISC. 0 points.**

Prerequisites: SOCI UN1000

Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

**Fall 2018: SOCI UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/28252	Th 6:10pm - 7:00pm 509 Knox Hall	Eugene Grey	0	27
SOCI 3011	002/17213	Th 6:10pm - 7:00pm 509 Knox Hall	Katharine Khanna	0	31

**Spring 2019: SOCI UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/73705	M 1:10pm - 2:00pm 307 Pupin Laboratories	Estela Díaz	0	22/30
SOCI 3011	002/08994	M 6:10pm - 7:00pm 307 Pupin Laboratories	Helia Faezipour	0	30/30

**SOCI UN3285 Israeli Society and the Israeli-Palestinian Conflict. 3 points.**

The purpose of the course is to acquaint students with Israeli society through the lens of the Israeli- Palestinian conflict. The underlying assumption in this course is that much of the social, economic, political, and cultural processes in contemporary

Israel have been shaped by the 100-year Israeli- Arab/Palestinian conflict.

**Fall 2018: SOCI UN3285**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3285	001/71414	M W 8:40am - 9:55am 503 Hamilton Hall	Yinon Cohen	3	28/50

**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 2018: SOCI UN3324**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3324	001/63205	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Saskia Sassen	3	161/189

**SOCI UN3675 Organizing Innovation. 4 points.**

This course examines major innovations in organizations and asks whether innovation itself can be organized. We study a range of forms of organizing (e.g., bureaucratic, post-bureaucratic, and open architecture network forms) in a broad variety of settings: from fast food franchises to the military-entertainment complex, from airline cockpits to Wall Street trading rooms, from engineering firms to mega-churches, from scientific management at the turn of the twentieth century to collaborative filtering and open source programming at the beginning of the twenty-first. Special attention will be paid to the relationship between organizational forms and new digital technologies.

**Fall 2018: SOCI UN3675**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3675	001/68266	T Th 10:10am - 11:25am Davis International House	David Stark	4	72/90

**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.

**Fall 2018: SOCI UN3909**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3909	001/23916	M 2:10pm - 4:00pm 1102 International Affairs Bldg	Diane Vaughan	4	12/20

**SOCI UN3914 Seminar in Inequality, Poverty, and Mobility. 4 points.**

This is an undergraduate seminar in social stratification.

The course focuses on the current American experience with socioeconomic inequality and mobility. The goals of the course are to understand how inequality is conceptualized and measured in the social sciences, to understand the structure of inequality in the contemporary U.S., to learn the principal theories and evidence for long term trends in inequality, to understand the persistence of poverty and the impact of social policies on American rates of poverty, and to understand the forces that both produce and inhibit intergenerational social mobility in the U.S. Given the nature of the subject matter, a minority of the readings will sometimes involve quantitative social science material. The course does not presume that students have advanced training in statistics, and any readings sections that contain mathematical or statistical content will be explained in class in nontechnical terms as needed. In these instances, our focus will not be on the methods, but rather on the conclusions reached by the author concerning the research question that is addressed in the text.

**Fall 2018: SOCI UN3914**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3914	003/74829	T 4:10pm - 6:00pm 509 Knox Hall	Thomas DiPrete	4	15/18

**SOCI UN3936 Sociology and the Public. 4 points.**

Prerequisites: Sociological Imagination (SOCI UN1202) or The Social World (SOCI UN1000) (not required).

This seminar will examine the practice of and-for those interested-allow for some engagement in "public sociology." Public sociology is defined, accurately, on Wikipedia as "a subfield of the wider sociological discipline that emphasizes expanding the disciplinary boundaries of sociology in order to engage with non-academic audiences"; and as a sometimes controversial "movement" that "aims to revitalize the discipline ... by leveraging its empirical methods and theoretical insights to contribute to debates not just about what is or what has been in society, but about what society might yet be."

**Fall 2018: SOCI UN3936**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3936	001/66163	W 2:10pm - 4:00pm C01 Knox Hall	Joshua Whitford	4	16/20

**SOCI UN3982 Social and Political Development in Contemporary China. 4 points.**

Not offered during 2018-19 academic year.

This course provides an introduction to the major social issues in contemporary China. It does not intend to survey a general

Chinese history but rather to discuss important thematic issues since 1949. The focus is on the post-Mao era. A number of important subjects are discussed, including the state politics in pre-reform China since the 1949 revolution, China's shift to market reforms since 1978, the current state of rural China, the impact of economic development on social life, various forms of inequalities, the massive rural to urban migration, rising social protests, social relations, family organization, and various population issues.

After taking this course, students are expected to gain not only factual knowledge of the Chinese society but also a general understanding of social transition and inequalities, based on which some students may develop their own research interests.

**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 *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 2018: SOCI UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3995	002/65340		Courtney Bender	4	0/20
SOCI 3995	003/70019		Todd Gitlin	4	0/20
SOCI 3995	004/62838		Jennifer Lena	4	0/20
SOCI 3995	005/73977		Aaron Pallas	4	0/20
SOCI 3995	007/15567		Michael Schudson	4	0/20
SOCI 3995	008/18587		Julien Teitler	4	0/20
SOCI 3995	009/17925		Dan Wang	4	0/20
SOCI 3995	010/20388		Amy Wells	4	0/20

**SOCI UN3998 Individual Study I. 1-6 points.**

Prerequisites: open only to qualified majors in the department; the director of undergraduate studies' permission is required.

An opportunity for research under the direction of an individual faculty member. Students intending to write a year-long senior thesis should plan to register for *C3996* in the spring semester of their senior year and are strongly advised to consult the undergraduate studies as they plan their programs.

**Fall 2018: SOCI UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3998	002/20505		Peter Bearman	1-6	0/50
SOCI 3998	003/72631		Yinon Cohen	1-6	0/50
SOCI 3998	004/21462		Jonathan Cole	1-6	0/50
SOCI 3998	005/11789		Thomas DiPrete	1-6	1/50
SOCI 3998	006/67958		Gil Eyal	1-6	0/50

SOCI 3998	008/61229	Shamus Khan	1-6	0/50
SOCI 3998	009/70303	Bruce Kogut	1-6	0/50
SOCI 3998	010/75830	Bruce Link	1-6	0/50
SOCI 3998	011/60925	Yao Lu	1-6	0/50
SOCI 3998	012/70748	Denise Milstein	1-6	0/50
SOCI 3998	013/62211	Alondra Nelson	1-6	0/50
SOCI 3998	014/28435	Jo Phelan	1-6	0/50
SOCI 3998	015/14788	Adam Reich	1-6	1/50
SOCI 3998	016/63393	Saskia Sassen	1-6	1/50
SOCI 3998	017/65921	Teresa Sharpe	1-6	1/50
SOCI 3998	019/67908	Seymour Spilerman	1-6	1/50
SOCI 3998	020/61345	David Stark	1-6	1/50
SOCI 3998	021/63889	Van Tran	1-6	1/50
SOCI 3998	022/14369	Diane Vaughan	1-6	0/50
SOCI 3998	024/18357	Joshua Whitford	1-6	0/50
SOCI 3998	026/74682	Andreas Wimmer	1-6	0/50

## SPRING 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 2018: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/63667	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Teresa Sharpe, Kamiya Kumar	3	190/200

#### Spring 2019: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/26786	M W 11:40am - 12:55pm 417 International Affairs Bldg	Adam Reich	3	201/250

### SOCI UN2240 Economy and Society. 3 points.

An introduction to economic sociology. Economic sociology is built around the claim that something fundamental is lost when markets are analyzed separately from other social processes. We will look especially at how an analysis of the interplay of economy and society can help us to understand questions of efficiency, questions of fairness, and questions of democracy.

### 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 2018: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/75555	M W 10:10am - 11:25am 313 Fayerweather	Gil Eyal	3	70/75

#### Spring 2019: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/01266	T Th 4:10pm - 5:25pm 504 Diana Center	Deborah Becher	3	45/70

### 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 2019: SOCI UN3009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3009	001/26944	M W 6:10pm - 7:25pm 413 Kent Hall	Andreas Wimmer	3	12/60

### 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 2018: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/21551	M W 4:20pm - 5:35pm 102a Green Hall Law Building	Maria Abascal	4	58/70

#### Spring 2019: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/02425	M 4:10pm - 5:25pm Room TBA	Marnie Brady	4	65/70
SOCI 3010	001/02425	W 4:10pm - 5:25pm 504 Diana Center	Marnie Brady	4	65/70

**SOCI UN3011 METHODS FOR SOCIAL RESEARCH - DISC. 0 points.**

Prerequisites: SOCI UN1000

Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

**Fall 2018: SOCI UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/28252	Th 6:10pm - 7:00pm 509 Knox Hall	Eugene Grey	0	27
SOCI 3011	002/17213	Th 6:10pm - 7:00pm 509 Knox Hall	Katharine Khanna	0	31

**Spring 2019: SOCI UN3011**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/73705	M 1:10pm - 2:00pm 307 Pupin Laboratories	Estela Diaz	0	22/30
SOCI 3011	002/08994	M 6:10pm - 7:00pm 307 Pupin Laboratories	Helia Faezipour	0	30/30

**SOCI UN3020 Social Statistics. 3 points.**

This course introduces methods of empirical social research for describing and drawing inferences from quantitative data. Emphasis is on basic but very serviceable methods of statistical analysis for information drawn from surveys or archives. The course includes several exercises in analysis of sample survey data.

**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 2019: SOCI UN3265**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3265	001/77414	T Th 11:40am - 12:55pm 501 Northwest Corner	Teresa Sharpe	3	87/147

**SOCI UN3490 Mistake, Misconduct, Disaster. 3 points.**

How Organizations Fail - the fundamental principles of organizations, examining how and why organizations fail, producing harmful outcomes. Studying failures opens up parts of organizations for public view that are seldom seen; studying the dark side is especially revealing. Students will examine cases to identify the causes of failures and think about what kind of strategies can be developed that prevent failure.

**Spring 2019: SOCI UN3490**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3490	001/15950	M W 4:10pm - 5:25pm	Diane Vaughan	3	48/70

601 Fairchild Life  
Sciences Bldg**SOCI UN3915 Stigma and Discrimination. 4 points.**

This course considers stigma and discrimination as general processes that apply to a broad range of phenomena, from mental illness to obesity to HIV/AIDS to racial groups. We will use a conceptual framework that considers power and social stratification to be central to stigma and discrimination. We will focus on both macro- and micro-level social processes and their interconnections, and we will draw on literature from both sociology and psychology.

**SOCI UN3921 HIGHER EDUCATION AND INEQUALITY. 4 points.****Not offered during 2018-19 academic year.**

Prerequisites: (1000)

Higher education in the U.S. is going through a period of rapid change. State support is shrinking, student debt is increasing, full-time faculty are being replaced by adjuncts, and learning outcomes are difficult to measure, at best. This class will try to make sense of these changes. Among other questions, it will ask whether higher education is a source of social mobility or a means of class reproduction; how the college experience differs by race, class, and type of college attended; how the economics of higher education have led to more expensive college and more student loans; and how we might make college better. We will consider several different points of view on the current state of U.S. higher education: that of students who apply to and attend college, that of colleges and universities, and that of society at large. As part of this course, students will conduct research on their own universities: Columbia College or Barnard College.

**SOCI UN3929 Collaboration, Resistance, Retribution: Western and Eastern Europe Between Nazism and Comm. 3 points.**

The Nazi occupation of Western and East-Central Europe during World War II elicited a variety of national and local responses ranging from accommodation to collaboration to outright resistance. How did variations in practices of political, social, and economic domination exercised by the Nazis shape patterns of collaboration and resistance? How did this vary between Western and Eastern Europe? What individual factors/aspects of personal biography shaped decisions about whether or not to collaborate? In the immediate postwar period, how did efforts to identify and punish collaborators reflect prerogatives of national regeneration and state-building? Forty-five years later, the collapse of the socialist dictatorships of East-Central Europe unleashed calls for retribution against "communist collaborators." How did practices of collaboration and resistance with socialist regimes differ from earlier patterns of collaboration with the Nazis? Have efforts to punish communist collaborators been more successful in righting the wrongs of the past than previous efforts to punish Nazi collaborators? If so, what might account for this? Do "legacies" from earlier efforts to punish Nazi collaborators inform these more recent projects of justice-seeking? How do unresolved justice



issues from the immediate postwar period continue to haunt both Western and East-Central Europe?

**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 2019: SOCI UN3960**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3960	001/74617	T 10:10am - 12:00pm 807 Green Hall Law Building	Jonathan Cole	4	24/22

**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.

**SOCI UN3985 Queer Practice. 4 points.**

Is there a particularly "queer" way to live? Does a queer perspective mitigate for certain forms of social, interpersonal or political action? Are there sets of vocations, engagements or relationship formations that are, in and of themselves, distinctly queer? Or is queerness something that can infuse or transform pre-existing modes of personal or relational action? How does any of this relate to the version of "queer" one learns in college? Is a university education necessary, or even useful, for living a queer life? Does academic queer theory have any relevance to "real-world" politics, affects or activism? Do classroom projects within Gender &

Sexuality Studies prepare us to engage in projects of social change, political efforts, or in any meaningful way, to work more closely with others on shared goals related to social justice? Does a liberal arts education prepare us to navigate ideological, intellectual and interpersonal differences? To move from a critical gaze at social institutions into institutional change? To become more robust citizens of a world that includes a multiplicity of viewpoints, perspectives and values? Finally, at its best, what should the university classroom do to prepare students to forge their own social and political perspectives, and to move from gaze and consideration into movement and action?

**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.

**Spring 2019: SOCI UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/65736	M 4:10pm - 6:00pm 501d Knox Hall	Van Tran	4	6/20

## 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 W3100	Journalism and Public Life (Journalism)
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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:

Banu Baydil, 611 Watson; 212-853-1397; [bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Data Science Major Advising:

*Computer Science:* Adam Cannon, 459 CSB; 212-939-7016;  
[cannon@cs.columbia.edu](mailto:cannon@cs.columbia.edu)  
*Statistics:* Banu Baydil, 611 Watson; 212-853-1397;  
[bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
*Statistics:* Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Economics - Statistics Major Advising:

*Economics:* Susan Elmes, 1006 IAB; 212-854-9124;  
[se5@columbia.edu](mailto:se5@columbia.edu)  
*Statistics:* Banu Baydil, 611 Watson; 212-853-1397;  
[bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
*Statistics:* Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Mathematics - Statistics Major Advising:

*Mathematics:* Julien Dubedat, 601 Mathematics;  
212-854-8806; [jd2653@columbia.edu](mailto:jd2653@columbia.edu)  
*Statistics:* Banu Baydil, 611 Watson; 212-853-1397;  
[bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
*Statistics:* Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Political Science - Statistic Major Advising:

*Political Science:* Robert Shapiro, 730 IAB; 212-854-3944;  
[rys3@columbia.edu](mailto:rys3@columbia.edu)  
*Statistics:* Banu Baydil, 611 Watson; 212-853-1397;  
[bb2717@columbia.edu](mailto:bb2717@columbia.edu)  
*Statistics:* Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Department Administrator:

Dood Kalicharan, 1003 School of Social Work;  
212-851-2130; [dk@stat.columbia.edu](mailto: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 and Applications, 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  
 Ioannis Karatzas (Mathematics)  
 Liam Paninski  
 Philip Protter  
 Michael Sobel  
 Daniel Rabinowitz  
 Zhiliang Ying

## ASSOCIATE PROFESSORS

Jose Blanchet (with Industrial Engineering and Operations Research)  
 Jingchen Liu  
 Bodhisattva Sen  
 Tian Zheng

## ASSISTANT PROFESSORS

John Cunningham  
 Yang Feng  
 Lauren Hannah  
 Arian Maleki  
 Sumit Mukherjee  
 Marcel Nutz  
 Peter Orbanz

## TERM ASSISTANT PROFESSORS

Yuchong Zhang  
 Abolfazl Safikhani

## ADJUNCT PROFESSORS

Demissie Alemayehu  
 Flavio Bartmann  
 Guy Cohen  
 Regina Dolgoarshinnykh  
 Anthony Donoghue  
 Hammou Elbarmi  
 Birol Emir  
 Irene Hueter  
 James Landwehr  
 Ha Nguyen

## LECTURERS IN DISCIPLINE

Banu Baydil  
 Ronald Neath  
 David Rios  
 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. 392) section of this Bulletin.

The major in Economics-Statistics provides students with a grounding in economic theory comparable to that of the general economics major, but also exposes students to a more rigorous and extensive statistics training. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Statistics. The economics adviser can only advise on economics requirements and the statistics adviser can only advise on statistics requirements.

### Students who declare prior to Spring 2014:

The economics-statistics major requires a total of 53 points: 23 in economics, 15 points in statistics, 12 points in mathematics, and 3 points in computer science, as follows:

#### Economics Core Courses

Complete the Economics core courses.

#### Economics Electives

Select two electives at the 3000-level or above, of which no more than one may be a Barnard course.

#### Mathematics

Select one of the following sequences:

MATH UN1101	Calculus I
MATH UN1102	Calculus II
MATH UN1201	Calculus III
MATH UN2010	Linear Algebra

or

MATH UN1207	Honors Mathematics A
MATH UN1208	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 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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STAT UN2102	Applied Statistical Computing
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#### Seminar

ECON GU4918	Seminar In Econometrics
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### Students who declare in Spring 2014 or beyond:

In addition to the above requirements, students are required to take three ECON electives at the 3000-level or above.

## MAJOR IN MATHEMATICS-STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics; and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

#### Mathematics

Select one of the following sequences:

MATH 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
STAT GU4203	PROBABILITY THEORY
STAT GU4204	Statistical Inference
STAT GU4205	Linear Regression Models

#### And select one of the following courses:

STAT GU4207	Elementary Stochastic Processes
STAT GU4262	Stochastic Processes for Finance
STAT GU4264	Stochastic Processes and Applications
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	Introduction to 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	Analysis of Political Data

**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 2018: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/21309	M W 10:10am - 11:25am 420 Pupin Laboratories	Milad Bakhshizadeh	3	38/50
STAT 1001	002/26170	T Th 8:40am - 9:55am 310 Fayerweather	Guy Cohen	3	89/94
STAT 1001	003/72558	M W 6:10pm - 7:25pm 602 Hamilton Hall	Anthony Donoghue	3	52/86

#### Spring 2019: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/22551	M W 10:10am - 11:25am 702 Hamilton Hall	Guy Cohen	3	81/86
STAT 1001	002/73054	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Ronald Neath	3	65/86
STAT 1001	003/29213	T Th 6:10pm - 7:25pm 903 School Of Social Work	Yayun Hsu	3	19/50

### 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 2018: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/11720	M W 8:40am - 9:55am 602 Hamilton Hall	Regina Dolgoarshinnykh	3	68/86
STAT 1101	002/27499	T Th 11:40am - 12:55pm 702 Hamilton Hall	Banu Baydil	3	69/86
STAT 1101	003/15050	T Th 6:10pm - 7:25pm LI002 Milstein Center	Ha Nguyen	3	59/86

#### Spring 2019: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/64911	M W 8:40am - 9:55am 420 Pupin Laboratories	Hok Kan Ling	3	45/50
STAT 1101	002/11022	T Th 8:40am - 9:55am 310 Fayerweather	Anthony Donoghue	3	63/86
STAT 1101	003/70920	T Th 6:10pm - 7:25pm 602 Hamilton Hall	Ha Nguyen	3	74/86

### 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 2018: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201	001/28764	M W 8:40am - 9:55am 702 Hamilton Hall	Joyce Robbins	3	83/86
STAT 1201	002/75041	T Th 8:40am - 9:55am	Joyce Robbins	3	92/86

		203 Mathematics Building			
STAT 1201	003/12543	M W 11:40am - 12:55pm 405 Milbank Hall	Banu Baydil	3	75/86
STAT 1201	004/10709	T Th 6:10pm - 7:25pm 517 Hamilton Hall	Banu Baydil	3	79/86

**Spring 2019: STAT UN1201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201	001/70138	T Th 10:10am - 11:25am 501 Northwest Corner	David Rios	3	58/86
STAT 1201	002/67351	M W 8:40am - 9:55am 602 Hamilton Hall	Joyce Robbins	3	83/86
STAT 1201	003/68149	T Th 8:40am - 9:55am 517 Hamilton Hall	Joyce Robbins	3	72/86
STAT 1201	004/70428	T Th 6:10pm - 7:25pm 702 Hamilton Hall	Daniel Rabinowitz	3	66/86

**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 2018: STAT UN1202**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1202	001/28082	F 10:10am - 12:00pm 417 Mathematics Building	Ronald Neath, Banu Baydil	1	14/50

**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 2018: STAT GU4001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/17345	T Th 8:40am - 9:55am	David Rios	3	83/120

		614 Schermerhorn Hall			
STAT 4001	002/65467	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	David Rios	3	107/120

**Spring 2019: STAT GU4001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/10448	T Th 1:10pm - 2:25pm 207 Mathematics Building	David Rios	3	125/150

## 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 2019: STAT UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2102	001/65489	T Th 4:10pm - 5:25pm 614 Schermerhorn Hall	Gabriel Young	3	82/120

**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 2018: STAT UN2103**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2103	001/28477	M W 6:10pm - 7:25pm 903 School Of Social Work	Daniel Rabinowitz	3	35/60

**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 2019: STAT UN2104**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2104	001/71342	M W 2:40pm - 3:55pm 633 Seeley W. Mudd Building	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 2018: STAT UN3105**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3105	001/15398	T Th 11:40am - 12:55pm 903 School Of Social Work	David Rios	3	15/50

**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 2019: STAT UN3106**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3106	001/60725	T Th 2:40pm - 3:55pm 516 Hamilton Hall	Vincent Dorie	3	30/50

## 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 2018: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/70513	M W 7:40pm - 8:55pm 614 Schermerhorn Hall	Thibault Vatter	3	15/35

#### Spring 2019: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/22491	Sa 2:40pm - 5:25pm 207 Mathematics Building	Abolfazal Safikhani	3	7/25
STAT 4221	002/60844	T Th 7:40pm - 8:55pm 428 Pupin Laboratories	Rongning Wu	3	10/25

#### 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 2019: STAT GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4222	001/21457	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Zhiliang Ying	3	11/25

#### 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 2019: STAT GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4223	001/16374	T Th 1:10pm - 2:25pm 428 Pupin Laboratories	Banu Baydil	0	8/25

#### 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 2018: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/11376	M W 8:40am - 9:55am 501 Northwest Corner	Andrew Gelman	3	26/40

#### Spring 2019: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/63791	T Th 6:10pm - 7:25pm 417 International Affairs Bldg	Ronald Neath	3	37/100

#### STAT GU4231 Survival Analysis. 0 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT GU4205 or the equivalent.  
Survival distributions, types of censored data, estimation for various survival models, nonparametric estimation of survival distributions, the proportional hazard and accelerated lifetime models for regression analysis with failure-time data. Extensive use of the computer.

#### Spring 2019: STAT GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4231	001/73265	M W 6:10pm - 7:25pm 209 Havemeyer Hall	Michael Shnaidman	0	5/25

#### 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 2019: STAT GU4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4232	001/10201	M W 7:40pm - 8:55pm 501 Northwest Corner	Banu Baydil	3	2/35

#### STAT GU4233 Multilevel Models. 3 points.

Not offered during 2018-19 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 2018: STAT GU4234**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4234	001/62697	T Th 6:10pm - 7:25pm 203 Mathematics Building	Ronald Neath	3	8/15

### **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 2019: STAT GU4241**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4241	001/72343	F 2:40pm - 5:25pm 417 International Affairs Bldg	Linxi Liu	0	13/35
STAT 4241	001/72343	M W 8:40am - 9:55am 903 School Of Social Work	Linxi Liu	0	13/35

### **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 2018: STAT GU4261**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4261	002/74534	F 10:10am - 12:40pm 428 Pupin Laboratories	Hammou ElBarmi	3	12/25

#### **Spring 2019: STAT GU4261**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4261	001/69171	Sa 9:10am - 11:40am 501 Schermerhorn Hall	Zhiliang Ying	3	10/25

### **STAT GU4263 Statistical Inference and Time Series Modelling. 3 points.**

Not offered during 2018-19 academic year.

#### **Fall 2018: STAT GU4263**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4263	001/74063	T Th 6:10pm - 7:25pm 301 Pupin Laboratories	Pawel Polak	3	3/35
STAT 4263	002/69308	Sa 10:10am - 12:40pm 501 Northwest Corner	Pawel Polak	3	3/35

### **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 2018: STAT GU4291**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/11288	F 6:10pm - 8:55pm 417 International Affairs Bldg	Demissie Alemayehu	3	1/25

#### **Spring 2019: STAT GU4291**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/61596	F 10:10am - 12:40pm 614 Schermerhorn Hall	Hammou ElBarmi	3	7/25

## 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 and Applications
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](mailto:rd2402@columbia.edu)  
Jason Smerdon, 845-365-8493; [jsmerdon@ldeo.columbia.edu](mailto:jsmerdon@ldeo.columbia.edu)

**Program Administrators:**

Natalie Unwin-Kuruner, 212-854-8536; [natalie@ei.columbia.edu](mailto:natalie@ei.columbia.edu)  
Cari Shimkus, 212-851-9350; [cshimkus@ei.columbia.edu](mailto: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)

Stuart Gaffin (Center for Climate Systems Research)

Michael Gerrard (Center for Climate Change Law and Columbia Law School)

Adela Gondek (Ecology, Evolution and Environmental Biology)

Giovani Graziosi (Ecology, Evolution and Environmental Biology)

Radley Horton (Center for Climate Systems Research)

Jacqueline Klopp (The Earth Institute)

Upmanu Lall (Columbia Water Center; International Research Institute for Climate and Society)

Peter Marcotullio (Architecture, Planning and Preservation)

Kytt McManus (Ecology, Evolution and Environmental Biology)

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)

Stephanie Pfirman (Lamont-Doherty Earth Observatory;  
Environmental Science; Barnard College)

Robert Pollack (Biological Sciences)

Peter Schlosser (Earth and Environmental Engineering)

Elliott Sclar (The Earth Institute; Architecture, Planning, and  
Preservation; School of International and Public Affairs)

Jason Smerdon (Lamont-Doherty Earth Observatory; School of  
International and Public Affairs) (Co-Director)

Marni Sommer (Mailman School of Public Health)

Martin Stute (Lamont-Doherty Earth Observatory)

Phil Weinberg (Ecology, Evolution and Environmental Biology)

Jason Wong (School of International and Public Affairs)

## 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. NOTE--  
Associated labs are also required:

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 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 UN2100 - EESC UN2200	Earth's Environmental Systems: The Climate System and Earth's Environmental Systems: The Solid Earth System
EESC UN2100 - EESC UN2300	Earth's Environmental Systems: The Climate System and Earth's Environmental Systems: The Life System
EESC UN2200 - EESC UN2300	Earth's Environmental Systems: The Solid Earth System and Earth's Environmental Systems: The Life System
PHYS UN1201 - PHYS UN1202	General Physics I and General Physics II
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	Introduction to 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
<b>Analysis and Solutions to Complex Problems</b>	
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 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
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\* The Summer Ecosystems 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)
EEEB UN1001	Biodiversity

EEEB UN2002	Environmental Biology II: Organisms to the Biosphere
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
PHYS UN1201	General Physics I
<b>Human Science Systems</b>	
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	Introduction to 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
<b>Analysis and Solutions to Complex Problems</b>	
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) *	
<b>Skills/Actions</b>	
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) *	
<b>Practicum</b>	
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
<b>Capstone Workshop</b>	
SDEV UN3280	Workshop in Sustainable Development

\* 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 2018	001	71715	Jason Smerdon	T 11:40am - 12:55pm 233 Seeley W. Mudd Building
Spring 2019	001	63844	Jason Smerdon	T 11:40am - 12:55pm 227 Seeley W. Mudd Building

### **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 2019	001	65707	Philip Weinberg	M W 10:10am - 11:25am 303 Hamilton Hall

### **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 2018	001	75784	Lisa Dale	M W 11:40am - 12:55pm 414 Pupin Laboratories

### **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 2019	001	26450	Jason Chun Yu Wong, Lisa Dale	T Th 4:10pm - 5:25pm 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 2018	001	20936	Satyajit Bose	M W 4:10pm - 5:25pm 313 Pupin Laboratories

### **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 2018	001	23602	Stuart Gaffin	T Th 2:10pm - 4:00pm 326 International Affairs Bldg
Fall 2018	002	62253	Radley Horton	T Th 12:10pm - 2:00pm 326 International Affairs Bldg
Spring 2019	001	62157		M W 12:10pm - 2:00pm Room TBA
Spring 2019	002	71402	Radley Horton	T Th 12:10pm - 2:00pm 415 Schapiro Cepser

### **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 2019	001	63044	Adela Gondek	T Th 1:10pm - 2:25pm 825 Seeley W. Mudd Building

### **SDEV UN3330 Ecological and Social Systems for Sustainable Development. 3 Points.**

**Not offered during 2018-19 academic year.**

Prerequisites: SDEV UN2300 Challenges of Sustainable Development and EESC UN2330 Science for Sustainable Development.

The course focuses on basic principles in understanding ecological and social relationships and then focuses on three current topics central to Sustainable Development for in-depth study. Examples of topics to be covered are: conservation of biodiversity, payments for ecosystem services, and the ecology of food production. The emphasis will be on the multiple perspectives— environmental, social and economic—required to understand and develop solutions to problems in sustainable development. These topics will undoubtedly vary from year to year, as the course keeps pace with current topics.

### **SDEV UN3355 Climate Change and Law. 3 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 2019	001	75706	Michael Gerrard	W 6:00pm - 7:00pm 1102 International Affairs Bldg
Spring 2019	001	75706	Michael Gerrard	T Th 9:10am - 10:30am 107 Green Hall Law Building

### **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).

Term	Section	Call Number	Instructor	Times/Location
Fall 2018	001	68711	John Mutter	M W 6:10pm - 7:25pm 404 International Affairs Bldg

### **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 2018	001	18367	Michael Gerrard	T 4:20pm - 6:10pm 102a Green Hall Law Building
Fall 2018	001	18367	Michael Gerrard	Th 6:00pm - 7:00pm 326 International Affairs Bldg
Fall 2018	001	18367	Michael Gerrard	M 9:30am - 10:30am 326 International Affairs Bldg

### **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 2018	001	77471	Kytt MacManus	T 10:10am - 11:25am 252 Engineering Terrace
Fall 2018	001	77471	Kytt MacManus	Th 10:10am - 12:25pm 252 Engineering Terrace
Spring 2019	001	21731	Linda Pistoletti, Kytt MacManus	M 1:10pm - 2:25pm 252 Engineering Terrace
Spring 2019	001	21731	Linda Pistoletti, Kytt MacManus	W 1:10pm - 3:25pm 252 Engineering Terrace

### **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).

Term	Section	Call Number	Instructor	Times/Location
Fall 2018	001	19178	Susana Adamo	T Th 8:40am - 9:55am 414 Pupin Laboratories

### **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 2019	001	21194	Elliott Sclar, Siobhan Watson	M 2:10pm - 4:00pm 613 Hamilton Hall

### **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 2018	001	25705	Ruth DeFries, Cari Shimkus	
Spring 2019	001	26573	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, fatted distributions, fractals, information theory, emergence, criticality, agentbased 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 2019	001	15099	Paul Gallay	M 6:10pm - 8:00pm 401 Hamilton Hall

### **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 2018	001	97746	Lisa Dale	T Th 1:10pm - 2:25pm 224 Pupin Laboratories

### **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 2019	001	66425	Lisa Dale	M W 11:40am - 12:55pm 407 Mathematics Building

## 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	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
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EEEB W4122	Fundamentals of Ecology and Evolution
EEEB GU4260	Food, Ecology, and Globalization
HSPB W3950	Social History of American Public Health
SOCI V2230	Food and the Social Order
SUMA PS4235	The Science of Urban Ecology
SUMA PS5030	

### 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: Collective Action
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
SUMA K4130	
SUMA PS4330	
SUMA PS4490	
PLAN A4579	Introduction to Environmental Planning

### Waste Management and Pollution

EAEE E4009	Geographic information systems (GIS) for resource, environmental and infrastructure management
EAEE E4150	Air pollution prevention and control
EAEE E4160	Solid and hazardous waste management
EAEE E4257	Environmental data analysis and modeling
EESC BC3033	Waste Management
CIEE E3255	Environmental control and pollution reduction systems
<b>Water</b>	
EAEE 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	Science of Sustainable Water

# URBAN STUDIES

Urban Studies at Columbia (<http://urban.barnard.edu>)

Columbia Adviser: Prof. Kathryn Yatrakis; [kby1@columbia.edu](mailto:kby1@columbia.edu); 917-689-0931

508 Milbank Hall

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:** Aaron Passell (Term Assistant Professor, Urban Studies, Barnard)

**Columbia College Advisor:** Kathryn Yatrakis (Dean of Academic Affairs, Columbia College ret: Associate Professor of Political Science, adj.)

### Urban Studies Faculty

**Assistant Professors:** Gergely Baics (History and Urban Studies), Deborah Becher (Sociology), Alexandra Friedus (Term, Urban Studies), Mary Rocco (Term, Urban Studies), Şevin Yildiz (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:** Kathryn Yatrakis (Political Science)

**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.

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) (<http://urban.barnard.edu>).

## Requirement E: Junior Seminar (2 courses)

URBS UN3545      Junior Colloquium: The Shaping of the Modern City      4

URBS UN3546

## 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      Senior Seminar: The Built Environment      8  
- URBS UN3993      and Senior Seminar: The Built Environment

URBS UN3994      Senior Seminar: New York Field Research      8  
- URBS UN3995      and Senior Seminar: New York Field Research

URBS UN3996      Senior Seminar: International Topics in Urban Studies      8  
- URBS UN3997      and Senior Seminar: International Topics in Urban Studies

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) (<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 UN1515 Introduction to Urban Studies. 3 points.

This course is intended to be both an interdisciplinary introduction to the city and to the field of Urban Studies. As an introduction to the city, the course will address a variety of questions: What is a city? How did cities develop? How do cities function socially, politically, and economically? Why do people live in cities? What are some of the major issues facing cities in the early twenty-first century, and how can cities address these issues? As an introduction to the interdisciplinary field of Urban Studies,

the course will present models of how scholars approach cities from a variety of disciplinary viewpoints, including architecture, planning, law, sociology, history, archaeology, anthropology, political science, public policy, and geography. Students will learn some of the major concepts in the field of Urban Studies, and will study the works of leading scholars in the field. Students in the course will approach cities from a number of disciplines, not only through the reading, but also through assignments that take place in different locations throughout New York City.

### Fall 2018: URBS UN1515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 1515	001/02074	T Th 11:40am - 12:55pm 309 Havemeyer Hall	Aaron Passell	3	149/200

### 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 not fulfill the C requirement in Urban Studies.

### Fall 2018: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/09245	M W 6:10pm - 8:00pm 516 Milstein Center	Maria Doneliza Joaquin	3	23/24
URBS 2200	002/09709	T Th 6:10pm - 8:00pm 516 Milstein Center	John Varamo	3	23/24

### Spring 2019: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/03078	M W 6:10pm - 8:00pm Qlab Sulzberger Hall	Benjamin Huff	3	23/24
URBS 2200	002/08357	T Th 6:10pm - 8:00pm Qlab Sulzberger Hall	Adam Lubitz	3	21/24

### URBS UN3200 Spatial Analysis: GIS Methods and Urban Case Studies. 4 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. Only 24 admitted. Introduction to spatial analysis using state-of-the-art GIS (Geographic Information Systems) mapping and analysis software to apply quantitative analytical methods to real-world urban issues. Will include basic coverage of applied statistics. Case studies will focus on subjects like environmental justice, voting patterns, transportation systems, segregation, public health, redevelopment trends, and socio-economic geography.

**URBS UN3308 Introduction to Urban Ethnographies. 3 points.**

Prerequisites: Students must attend first class.

This course explores how scholars from different social science disciplines have used ethnography to understand how immigrants and rural migrants experience as well as affect cities. Community, work, and health, in cities within and outside the US, are used as lenses. Students will also perform their own ethnographic research.

**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 2019: URBS UN3310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	001/01268	M W 10:10am - 11:25am 302 Barnard Hall	Alexandra Freidus	3	34/40

**URBS UN3315 Metropolitics of Race and Place. 3 points.**

Prerequisites: Students must attend first class.

Course explores how the central cities and suburbs that make up American metropolitan areas are increasingly shaped by race/ethnicity. Class discussion and readings will trace the role of social scientists, foundations, urban planners, government actors, and private economic interests in this transformation of metropolitan American. The current consequences of the conflation of race/ethnicity and space on the regional landscape, such as gentrification, suburban sprawl, the mortgage foreclosure crisis, etc. will be the focus of student research and class projects.

**URBS 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 2019: URBS UN3420**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3420	001/08891	T Th 11:40am - 12:55pm 504 Diana Center	Aaron Passell	3	47/70

**URBS UN3427 Imagining and Narrating the Urban. 3 points.**

This course will explore the experience of urban space by examining how it is described in fine-grained, ethnographic accounts and in the thought experiments undertaken by science fiction writers. The purpose of the course is to focus on the evocation of the urban experience - how do we record or preserve what the city feels like as a physical place. Privileging the experience of space in this context is an attempt to complement conventional urban research that examines the dynamics of urban social life often without locating it in relation to the built environment of the city. Incorporating speculative or science fiction adds an experimental dimension (what would the city be like if...?) and emphasizes narrative, arguing that how exactly we describe and reproduce our experience is significant. Further, it raises an epistemological question about how we come to know what we know: can fiction "teach" us about the empirical world? How?

**URBS UN3440 Shrinking Cities. 3 points.**

**Not offered during 2018-19 academic year.**

While some cities thrive and struggle to house the global majority, others struggle with the effects of urban shrinkage—population loss, disinvestment and abandonment. The path to urban decline is paved by social, economic and spatial forces that result in shrinking cities. This class explores how to understand and engage with urban decline. It includes a consideration of sundry efforts to reverse, live with, and rethink urban decline in a variety of locales. The hope is that this exercise will shed light not only on iconic declining places like Detroit, but also on the nature of uneven development and how it is the rule rather than the anomalous exception within capitalist urbanization.

Course materials draw on disciplines such as planning, economics, architecture, history and sociology to help understand urban decline and its outcomes from a variety of perspectives. Over the course of the semester, we will investigate larger processes—globalization, deindustrialization and socioeconomic change—to understand how cities and communities responded to the consequences of these forces. We will engage with the global literature on shrinking cities but will be focused primarily on exploring the dynamics of shrinkage in US cities. To that end, following a wide-reaching examination of nation-wide phenomena, we will study in-depth a sample of cities to understand local and regional variations and responses. How do we treat cities that do not grow? Given the constrained or complete lack of resources in these places, to what extent should

some cities be allowed to “die”? What is the impact on the residents that remain in these places?

### **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 2019: URBS UN3450**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3450	001/01220	M W 11:40am - 12:55pm 203 Diana Center	Mary Rocco	3	35/40

### **URBS UN3464 Urban Ecologies and Grand Infrastructure: Metropolitan Planning Issues. 3 points.**

This lecture course is designed around different issues of metropolitan regions around the worlds that govern and plan urbanized, risky and vulnerable ecological systems and consequently large-scale urban interventions that change the landscapes of the regions. The reality of an age of drastic climate change and increasing number of natural disasters in urbanized regions raises issues of resilience and ecological governance. Metropolitan regions and the planning politics that lie beneath the

regional plans and strategic initiatives are critical in the mitigation of some of these risks and in the understanding of regional politics. Historical and contemporary case studies will prepare the students to conduct their own critical analysis and reading of a case where several themes discussed in class will be further explored.

#### **Spring 2019: URBS UN3464**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3464	001/08799	M W 1:10pm - 2:25pm 328 Milbank Hall	Sevin Yildiz	3	32/45

### **URBS UN3467 Excavating the Empire City. 4 points. Not offered during 2018-19 academic year.**

This course provides an introduction to the archaeology of New York City and what (and how) archaeological research contributes to our understanding of the city’s past. The course is organized chronologically and thematically. Students will explore each “stratigraphic layer” of history and discover how each relates to key themes and theories in urban studies. Readings and discussions will be enhanced by on-site learning at a number of NYC archaeology-related locations. There are no prerequisites.

### **URBS UN3480 From Homelessness to Foreclosure: NYC Geographies of Shelter and Home. 4 points.**

This course will examine the social, political, and economic elements that have aligned in New York City to produce the most expansive infrastructure of homeless shelters in the United States, as well as ongoing changes in the city’s homeless policy since the housing foreclosure crisis. While we will focus primarily on the past 30 to 40 years in New York City, we will consider the history of homelessness and housing in the United States since the Great Depression. Major themes will include criminalization, origin myths, and representations of people who are experiencing homelessness. Key questions will include: In what ways is the current geography of homelessness the result of historical patterns of racism and discrimination? How does studying homelessness provide insight into the ways urban spaces are made? Why have shelters become the primary public response to homelessness in New York? How are race and gender central to the project of building a shelter infrastructure in New York? How are shelters experienced by those living in them? What are some of the ways people living in shelters organize to advocate for their rights and to resist mainstream representations?

#### **Fall 2018: URBS UN3480**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3480	001/02945	Th 12:10pm - 2:00pm 227 Milbank Hall	Christian Seiner	4	19/20

### **URBS UN3485 Urban Political Economy. 3 points.**

What are the processes driving social change in contemporary cities? How are urban spaces structured in power? This course introduces some of the main concepts, theories, and ideas of contemporary scholarship in urban political economy, with

a focus on the history and institutions of New York City. We will approach urban politics and economy from a geographic and historical perspective in order to arrive at some consensus conclusions about how urban spaces and places are made. While New York City will be a primary focus, we will read case studies and history on other cities as well. Throughout the course we will emphasize the structural implications of class, race, and gender.

#### Spring 2019: URBS UN3485

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3485	001/01269	M W 10:10am - 11:25am Ll001 Milstein Center	Christian Seiner	3	28/40

#### URBS UN3530 Urban Development: A Rubik's Cube of Policy Choices. 4 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. Only 16 admitted.

Using case studies, examines the rationale for urban development, the players involved and how decisions are made about the distribution of public and private resources. Studies the specific components of the development process and the myriad policy questions that large-scale development is meant to address. Examines the disconnect among stakeholders' objectives - the developer, the financial institution that pays for the project, the government and the community.

#### URBS UN3540 Urban Governance in New York City. 4 points. Not offered during 2018-19 academic year.

This course will introduce students to the study of urban governance, tackling the questions of how we organize cities and how we go about understanding that process. We will do this by looking at the case of New York City and, more specifically, at one of its neighborhoods. Accordingly, the assigned readings during the first part of the course will address urban governance both theoretically and—with regard to New York City—empirically. During the second half of the course, students will apply the covered readings to policy issues facing the neighborhood in question. In doing so, they will develop research skills and gain a deeper understanding of the ways in which concrete governance practices conform to but also always exceed our best attempts at theorizing them.

#### URBS UN3545 Junior Colloquium: The Shaping of the Modern City. 4 points.

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section. General Education Requirement: Historical Studies. Introduction to the historical process and social consequences of urban growth, from the middle of the nineteenth century to the present.

#### Fall 2018: URBS UN3545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3545	001/01098	T 4:10pm - 6:00pm 227 Milbank Hall	Mary Rocco	4	15/15

URBS 3545	002/09802	T 4:10pm - 6:00pm 406 Barnard Hall	Alexandra Freidus	4	12/15
URBS 3545	003/03273	T 4:10pm - 6:00pm 304 Hamilton Hall	Kathryn Yatrakis	4	12/15

#### URBS UN3550 Community Building and Economic Development. 4 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors.

Community building has emerged as an important approach to creating an economic base, reducing poverty and improving the quality of life in urban neighborhoods. In this course, students examine the methods, strategies, and impact of community building on the economic, social, and political development of urban neighborhoods.

#### URBS UN3562 The City in Beta: Public Participation in the Design Process. 4 points.

Not offered during 2018-19 academic year.

Prerequisites: Must attend first class for instructor permission. Preference is given to Urban Studies majors. Only 20 admitted. Examines local urban planning issues through the use of new technologies to facilitate multi-user, participatory planning and design. Examines the history and theory of the planning process and uses learned techniques to evaluate a live case scenario for which the students prepare recommendations using the Betaville software package.

#### URBS UN3565 Cities in Developing Countries: Problems and Prospects. 3 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors.

This lecture course examines different facets of urban development and planning in cities of the developing countries. We will begin by studying common problems in developing urban regions, gaining an understanding of common settlement patterns and urban systems in changing metropolitan areas. The class aims to formulate a repository of concepts, urban trends, and terms around the ever-growing cities of the globe. We will also focus on specific issues in representative cities of the regions studied. These particular cases, which will be selected from cities in Asia, Africa, the Middle East, Latin America and the Caribbean, will present discussions of planning and policy development regarding water and sanitation, transportation and infrastructure, historic preservation, disaster risk reduction and housing. Students will also work in teams to analyze a particular urban problem in a developing city, and present team findings to the class via Canvas.

#### Fall 2018: URBS UN3565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3565	001/02941	M W 1:10pm - 2:25pm 405 Milbank Hall	Sevin Yildiz	3	61/80

#### URBS UN3725 New York City's Gilded Ages: Coming of Age, Past and Present. 4 points.

A lecture class + digital laboratory on New York City's two Gilded Ages. Student learn basics of digital photography and web design



to develop a virtual exhibit on seminar's theme of "Coming of Age." In addition to class sessions held at Barnard, students will have at least 3 class sessions at NYHS with curators; and at least 3 class sessions at ICP. Digital fellows will augment instruction in digital tools necessary to complete the project. In addition to training in digital techniques students will also analyze and discuss selected readings on the history, politics and economics of the NYC's two Gilded Ages; urban space, culture and consumption; the ethics of ethnographic field research; and virtual exhibition and design.

### **URBS UN3830 Eminent Domain and Neighborhood Change.**

**4 points.**

**Not offered during 2018-19 academic year.**

Prerequisites: Intro to Urban Sociology or equivalent or permission of the instructor. Students must attend first class for instructor permission.

An examination of how the politics of eminent domain, as a government strategy for neighborhood change, plays out in the courts, city councils, administrative agencies, media, and the street. Readings drawn from law, history, planning, politics, economics, sociology, and primary sources. Emphasis on the U.S., with some international comparisons. This course will count toward Requirement A of the Urban Studies curriculum as a Sociology course.

### **URBS UN3833 New York City: Politics and Governing. 4 points.**

This course will examine through readings, class discussions, and in class debate, the complex politics and governing of New York City- the key political institutions, and who holds urban political power, voting and elections, and the changing roles of the electorate will be covered. We will examine the structure of New York City government and how the New York City Budget is developed and adopted; the interplay between Mayoral and City council powers, the city charter, the process of governing and the role of political parties, special interest groups, lobbyists and labor unions. We will look back in the City's political history and consider that time in the mid 1970's when New York City suffered a major fiscal crisis and was close to financial bankruptcy. In this context, New York City's relationships with the state and federal governments will also be covered.

### **URBS UN3920 Social Entrepreneurship. 4 points.**

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. General Education Requirement: Social Analysis (SOC). Only 16 admitted. Introduction to the main concepts and processes associated with the creation of new social enterprises, policies, programs, and organizations; criteria for assessing business ventures sponsored by non-profits and socially responsible initiatives undertaken by corporations; specific case studies using New York City as a laboratory. To be offered Fall 2011.

### **URBS UN3992 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.

#### **Fall 2018: URBS UN3992**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3992	001/06518	W 4:10pm - 6:00pm 404 Barnard Hall	Aaron Passell	4	12/15
URBS 3992	002/02875	W 4:10pm - 6:00pm 308 Diana Center	Mary Rocco	4	14/15

### **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 2019: URBS UN3993**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3993	001/00823	W 4:10pm - 6:00pm 111 Milstein Center	Aaron Passell	4	12/15
URBS 3993	002/01899	W 4:10pm - 6:00pm 308 Diana Center	Mary Rocco	4	16/15

### **URBS UN3994 Senior Seminar: New York Field Research. 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. Using New York City as a research laboratory, under the guidance of the faculty coordinator, students clarify basic theoretical issues related to their chosen research problem; find ways of making a series of empirical questions operational; collect evidence to test hypotheses; analyze the data using a variety of social science techniques; and produce reports of basic findings.

#### **Fall 2018: URBS UN3994**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3994	001/08706	W 4:10pm - 6:00pm 207 Milbank Hall	Alexandra Freidus	4	8/15

### **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 2019: URBS UN3995**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3995	001/09801	W 4:10pm - 6:00pm LI016 Milstein Center	Alexandra Freidus	4	8/15

**URBS UN3996 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.

**Fall 2018: URBS UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3996	001/05401	W 4:10pm - 6:00pm 502 Diana Center	Sevin Yildiz	4	13/15

**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 2019: URBS UN3997**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3997	001/00350	W 4:10pm - 6:00pm 403 Barnard Hall	Sevin Yildiz	4	13/15

## CROSS-LISTED COURSES

There are currently no cross-listed courses for your department.

# VISUAL ARTS

**Departmental Office:** 310 Dodge; 212-854-4065  
<http://arts.columbia.edu/visual-arts>

**Director of Undergraduate Studies:** Prof. Nicola López;  
[ngl1@columbia.edu](mailto:ngl1@columbia.edu)

**Director of Academic Administration:** Carrie Gundersdorf;  
[cg2817@columbia.edu](mailto:cg2817@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 Nicola López. Please email Carrie Gundersdorf ([cg2817@columbia.edu](mailto:cg2817@columbia.edu)) for the current Requirements Worksheet for the Visual Arts Major, Art History and Visual Arts Interdepartmental Major or Visual Arts Concentration.

## PROFESSORS

Gregory Amenoff  
 Jon Kessler  
 Sarah Sze  
 Rirkrit Tiravanija  
 Tomas Vu-Daniel

## ASSOCIATE PROFESSORS

Sanford Biggers  
 Matthew Buckingham (Chair)  
 Shelly Silver

## ASSISTANT PROFESSORS

Gabo Camnitzer (1 Year Appointment for 2018-19)  
 Dana DeGiulio (1 Year Appointment for 2018-19)  
 Katherine Hubbard (1 Year Appointment for 2018-19)  
 Nicola López (Director of Undergraduate Studies)  
 Leeza Meksin (Director of Graduate Studies)  
 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)
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VIAR UN2300 or VIAR UN2200	Sculpture I Ceramics I
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Five additional VIAR 3-point studio courses (15 points)	
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VIAR UN3800	Seminar in Contemporary Art Practice
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Senior Thesis consists of the following four courses:	
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VIAR UN3900 - VIAR UN3910	Senior Thesis I and Visiting Critic I (formerly VIAR R3901 and VIAR R3921)
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VIAR UN3901 - VIAR UN3911	Senior Thesis II and Visiting Critic II
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### Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:	
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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	Sculpture I (formerly VIAR R3330)
or VIAR UN2200	Ceramics I

Five additional VIAR 3-point studio courses (15 points)

In the senior year, students must complete either a seminar in the Department of Art History and Archaeology or a senior project in visual arts (pending approval by the Visual Arts Department).

Students electing the combined major should consult with the director of undergraduate studies in Visual Arts, as well as with the undergraduate program coordinator in the Art History and Archaeology Department.

NOTE: Chronological divisions are approximate. In case of ambiguities about course eligibility to fill the requirement, consult the director of undergraduate studies in Art History and Archaeology.

### Historical Periods

- Ancient (up to 400 CE/AD)
- 400 - 1400
- 1400 - 1700
- 1700 - present

### World Regions

- Africa
- Asia
- Europe, North America, Australia
- Latin America
- Middle East

## CONCENTRATION IN VISUAL ARTS

A total of 21 points are required as follows:

### Visual Arts (18 points)

VIAR UN1000	Basic Drawing (formerly VIAR R1001)
VIAR UN2300	Sculpture I (formerly VIAR R3330)
or VIAR UN2200	Ceramics I

Four additional VIAR 3-point studio courses (12 points)

### Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:

AHIS UN2405	Twentieth-Century Art (formerly AHIS W3650)
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## DRAWING

### VIAR UN1000 Basic Drawing. 3 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>.

#### Fall 2018: VIAR UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	001/26393	M W 9:30am - 12:00pm 501 Dodge Building	Owen Westberg	3	16/15
VIAR 1000	002/25555	M W 1:00pm - 3:30pm 501 Dodge Building	Christine Rebet	3	18/15
VIAR 1000	003/71845	Th 10:00am - 4:00pm 501 Dodge Building	Laleh Khorramian	3	12/15

#### Spring 2019: VIAR UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	004/61415	T Th 1:00pm - 3:30pm 501 Dodge Building	Heidi Howard	3	12/15

### 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 2018: VIAR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2001	001/66068	F 10:00am - 4:00pm 501 Dodge Building	Kristina Lee	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 2018: VIAR UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3010	001/64888	T 10:00am - 4:00pm 501 Dodge Building	Diana Cooper	3	10/16

#### 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>.

#### Spring 2019: VIAR UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3011	001/27488	T 5:00pm - 9:00pm 501 Dodge Building	Edward Minoff	3	11/10

## 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>.

#### Fall 2018: VIAR UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2100	001/18668	W 10:00am - 4:00pm 401 Dodge Building	Lucy Campana	3	9/16
VIAR 2100	002/76704	F 10:00am - 4:00pm 401 Dodge Building	Thomas White	3	9/16

VIAR 2100	003/61396	M 10:00am - 4:00pm 401 Dodge Building	Dana DeGuilio	3	7/16
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#### Spring 2019: VIAR UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2100	001/61261	T 10:00am - 4:00pm 401 Dodge Building	Dana DeGuilio	3	15/16
VIAR 2100	002/66310	Th 10:00am - 4:00pm 401 Dodge Building	Esteban Cabeza de Baca	3	11/16

#### 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 2018: VIAR UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3101	001/74840	T 10:00am - 4:00pm 401 Dodge Building	Gregory Amenoff	3	11/16

#### VIAR UN3102 Painting III. 3 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100)

Painting III: This studio painting class examines and deconstructs the various conventions of painting. Each assignment takes on one of the fundamental conventions of painting and considers what occurs when you take that convention away. For example, the rectangular shape of support, flatness, continuity, the use of paint and having only one maker for each painting. The class will also go on field trips to galleries and museums. Image lectures will be presented for each assignment, and readings will be assigned for class discussions and critiques.

#### Spring 2019: VIAR UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3102	001/14463	W 10:00am - 4:00pm 401 Dodge Building	Michael Berryhill	3	9/16

#### VIAR UN3103 Advanced Painting: Process. 3 points.

Prerequisites: VIAR UN1000 and VIAR UN2100

In this advanced course, students develop their own individual painting practice through experimentation, risk taking, and rigorous evaluation of the interwoven questions of material and content in their work. A special emphasis is based on what we can do with the process of painting, and its vast and ever changing array of procedures, substrates, approaches, and techniques. How can painting materialize your response to what you encounter visually, intellectually, poetically, psychologically, politically, and culturally? "Painting" is open in the class, and expansion and integration of other materials is fully acceptable. The course consists of directed but open assignments, presentations on

historical and contemporary work, introduction to new materials, readings, individual and group critiques, and visits to working artists' studios, museums/galleries.

### **VIAR UN3120 Figure Painting. 3 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>.

#### **Spring 2019: VIAR UN3120**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3120	001/27288	F 10:00am - 4:00pm 401 Dodge Building	Gina O'Connor	3	10/16

## **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>.

#### **Fall 2018: VIAR UN1700**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1700	001/27905	M W 9:30am - 12:00pm 212 Dodge Building	Katherine Hubbard	3	21/15
VIAR 1700	002/24878	M W 1:00pm - 3:30pm 212 Dodge Building	Alexandra Strada	3	16/15
VIAR 1700	003/73723	T Th 9:30am - 12:00pm 212 Dodge Building	Dana Buhl	3	13/15

#### **Spring 2019: VIAR UN1700**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1700	001/70230	M W 9:30am - 12:00pm 212 Dodge Building	Rachel Stern	3	16/15
VIAR 1700	002/16618	M W 1:00pm - 3:30pm 212 Dodge Building	Rola Khayyat	3	15/15

VIAR 1700	003/60391	T Th 9:30am - 12:00pm 212 Dodge Building	Emile Askey	3	15/15
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### **VIAR UN2701 Photography: Photo II. 3 points.**

Prerequisites: (VIAR UN1700)

(Formerly R3702) This course expands on concerns first encountered in Photography I and addresses aspects of creative photography through project development and advanced camera and lab techniques. Over the course of the semester students are introduced to color photography, the use of medium format cameras, pinhole cameras, flash and studio lighting in addition to emphasizing the refinement of black-and-white printing: contrast control, burning and dodging, and the production of larger prints. Note: Due to the necessity of placing a cap on the number of students who can register for our photography courses, the department provides a wait list to identify and give priority to students interested in openings that become available on the first day of class. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist>.

#### **Fall 2018: VIAR UN2701**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2701	001/21035	T Th 1:00pm - 3:30pm 212 Dodge Building	Kai McBride	3	18/15

### **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>.

#### **Spring 2019: VIAR UN3710**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3710	001/68292	T Th 1:00pm - 3:30pm 109 Watson Hall	Kai McBride	3	14/15

### **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.

#### Spring 2019: VIAR GU4702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4702	001/76296	M W 2:30pm - 5:00pm 106 Watson Hall	Katherine Hubbard	3	14/15

## 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>.

#### Fall 2018: VIAR UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2420	001/73738	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3	11/10

#### Spring 2019: VIAR UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2420	001/66693	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3	13/12

### 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>.

#### Fall 2018: VIAR UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2430	001/14002	M W 9:30am - 12:00pm 210 Dodge Building	Nathan Catlin	3	13/10

### 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>.

#### Fall 2018: VIAR UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3410	001/69453	Th 10:00am - 4:00pm 210 Dodge Building	Craig Zammiello	3	11/14

### 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>.

#### Fall 2018: VIAR UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3412	001/29653	T 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel	3	8/14

### 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>.

#### Fall 2018: VIAR UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3421	001/27459	M W 2:30pm - 5:00pm Room TBA	Jennifer Nuss	3	2/4

#### Spring 2019: VIAR UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3421	001/14207	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3	1/2

### 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>.

**Fall 2018: VIAR UN3431**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3431	001/16292	M W 9:30am - 12:00pm Room TBA	Nathan Catlin	3	3/4

**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>.

**Spring 2019: VIAR GU4400**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4400	001/18784	F 10:00am - 4:00pm 210 Dodge Building Hammond	Valerie Hammond	3	15/14

**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>.

**Fall 2018: VIAR UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2200	001/23063	Th 10:00am - 4:00pm 315 Prentiss Hall	Joseph Peet	3	11/9

**Spring 2019: VIAR UN2200**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2200	001/75381	M 10:00am - 4:00pm 315 Prentiss Hall	Leah Wolff	3	8/9

**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>.

**Fall 2018: VIAR UN2300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2300	001/64652	F 10:00am - 4:00pm 315 Prentiss Hall	Jon Kessler	3	9/8
VIAR 2300	002/20267	T 10:00am - 4:00pm 315 Prentiss Hall	Gabriel Camnitzer	3	8/8

**Spring 2019: VIAR UN2300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2300	001/69932	F 10:00am - 4:00pm 315 Prentiss Hall	Jon Kessler	3	12/8

**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 a large scale hand building, mold making, slip casting, advanced image-making such as ceramic decal production and transferware.

**Spring 2019: VIAR UN3201**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3201	001/61613	Th 10:00am - 4:00pm 315 Prentiss Hall	Joseph Peet	3	8/9

**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>.

**Spring 2019: VIAR UN3301**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3301	001/24861	T 10:00am - 4:00pm 315 Prentis Hall	Kambui Olujimi	3	5/10

**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>.

**Spring 2019: VIAR UN3302**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3302	001/69052	T 10:00am - 4:00pm 315 Prentis Hall	Kambui Olujimi	3	0/4

**VIAR GU4600 Concepts in Visual Arts: Performance: Anti-Naturalism, Gothletics and Unbrandability. 3 points.**

(Formerly R3006) This course explores strategies in the production of performance art, using the signifying system of the body as a conceptual framework for a series of workshops that give students tools to develop their own performance projects over the course of the semester. Students will engage with discourses of performance, from theatrical and choreographic models to social and relational practices, and become familiar with strategies for constructing and determining the role of the audience. With

attention to site- and situation-specificity, this course offers instruction in a variety of technical aspects of performance, such as the use of body, architecture, sound, light, costume, prop, sculpture, video, and methods of collaboration. The class includes group critique of performances presented in class, as well as the opportunity to workshop developing works with the support of the group. Students will become familiar with venues for performance, and the artists who are redefining performance in the art world today. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

This course will delve into dispelling any hierarchy of mediums, we will make the best use of what's available a.k.a "Availabism." It is an interdisciplinary workshop that traces the trajectory of stories, songs, and poetry in performance. How, why, and when these performances happen in the past.... We'll inspect the past and honor it, but we will... in this class... always seek to create new work, original work, not to perpetuate what's been done before. This class does not teach us how to entertain, but it will teach us how to entertain new ideas, and together, to create a new vocabulary of sounds, images, and text... that will be like a map that points us as visionaries of the culture, into the future.

**Fall 2018: VIAR GU4600**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4600	001/13207	W 10:00am - 4:00pm 101 Prentis Hall	Kembra Pfahler	3	8/16

## 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>.

**Fall 2018: VIAR UN3500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3500	001/68916	T 10:00am - 4:00pm 101 Prentis Hall	Shelly Silver	3	10/12

**Spring 2019: VIAR UN3500**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 3500 001/62050 T 10:00am - 4:00pm Shelly Silver 3 11/12  
558 Ext  
Schermerhorn Hall

### 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>.

#### Spring 2019: VIAR GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4501	001/69394	M 10:00am - 12:30pm 558 Ext Schermerhorn Hall	Matthew Buckingham	3	10/12
VIAR 4501	001/69394	M 12:30pm - 4:00pm 101 Prentiss Hall	Matthew Buckingham	3	10/12

## VISUAL ARTS MAJOR REQUIREMENTS

### VIAR UN3800 Seminar in Contemporary Art Practice. 3 points.

(Formerly R4601) **Offered Spring 2017, Not Fall 2016.** New York City is the most abundant visual arts resource in the world. Visits to museums, galleries, and studios on a weekly basis. Students encounter a broad cross-section of art and are encouraged to develop ideas about what is seen. The seminar is led by a practicing artist and utilizes this perspective. Columbia College and General Studies Visual Arts Majors must take this class during their junior year. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

#### Fall 2018: VIAR UN3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3800	001/22889	Th 1:00pm - 4:00pm 106 Watson Hall	Tamar Ettun	3	13/14

#### Spring 2019: VIAR UN3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 3800 001/71273 Th 10:00am - 1:00pm Elizaveta Meksin 3 11/16  
106 Watson Hall

### 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.

#### Fall 2018: VIAR UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3900	001/16288	W 5:00pm - 10:00pm 106 Watson Hall	Nicola Lopez	2	19/18

#### Spring 2019: VIAR UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3900	001/87496	W 5:00pm - 10:00pm 106 Watson Hall	Gregory Amenoff	2	2/18

### 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.

#### Spring 2019: VIAR UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3901	001/63278	W 5:00pm - 10:00pm 106 Watson Hall	Gregory Amenoff	2	18/2

### 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 2018: VIAR UN3910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3910	001/65300	W 5:00pm - 10:00pm 106 Watson Hall	Serra Victoria Bothwell Fels	2	19/18

**Spring 2019: VIAR UN3910**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3910	001/72381	W 5:00pm - 10:00pm 106 Watson Hall	Emily Henretta	2	2/18

**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.

**Fall 2018: VIAR UN3911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3911	001/74776	W 5:00pm - 10:00pm 106 Watson Hall	Serra Victoria Bothwell Fels	2	1/18

**Spring 2019: VIAR UN3911**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3911	001/10302	W 5:00pm - 10:00pm 106 Watson Hall	Emily Henretta	2	18/2

# 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, 757 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 2018

### WMST UN3125 Introduction to Sexuality Studies. 3 points.

This course is designed to introduce major theories sexuality, desire and identity. We will be considering the relations between the history of sexuality and the politics of gender. We will read some primary texts in gender theory, and in the study of sexuality, desire, and embodiment. This course also provides an introduction to the interdisciplinary examination of human sexual and erotic desires, orientations, and identities. We will study how desires are constructed, how they vary and remain the same in different places and times, and how they interact with other social and



cultural phenomena such as government, family, popular culture, scientific inquiry, and, especially, race and class.

#### Fall 2018: WMST UN3125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3125	001/21138	M W 2:40pm - 3:55pm 310 Fayerweather	Jack Halberstam	3	51/60

#### 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 IRWGS's Director of Undergraduate Studies in consultation with your advisor. Students receiving a grade of "B+" or higher in Senior Seminar I will be invited to complete Senior Seminar II. Senior Seminar II students will complete a senior thesis of 40-60 pages in a course facilitated by the IRWGS Director.

#### Fall 2018: WMST UN3521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3521	001/13284	T 12:10pm - 2:00pm 754 Ext Schermerhorn Hall	Lila Abu-Lughod	4	1/25

#### WMST GU4000 Genealogies of Feminism. 4 points.

Please contact the Department for course description for this seminar

#### Fall 2018: WMST GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4000	001/68314	T 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Marianne Hirsch	4	18/25

#### 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 2018: WMST UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3450	001/82596	Th 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Suzanne Goldberg	3	17/20

#### 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 2019

#### 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 2019: WMST UN3522

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3522	001/77743	T 4:00pm - 6:00pm 754 Ext Schermerhorn Hall	Lila Abu-Lughod	4	1/20

#### 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.

How have development and globalization impacted (and attempted to impact) gender and sexuality around the world? How do gender and sexuality circulate across national, political, and technological borders in the contemporary era of neoliberal globalization? How has feminism itself become part of these increasingly complex cultural circulations, to women's benefit as well as detriment? In addition to linking together what Chandra Mohanty has described as the "One Third" and "Two Thirds" worlds, this discussion-based seminar seeks to reconnect the disparately gendered intimate and global spheres, situating the feminized "private" domains of love, sex, and caring within fields of action such as geopolitics and global political economy.

How do formations of gender and sexuality shift when intimate relations are transnationalized? Does the globalization of intimacy exacerbate inequalities of gender, race, class, and nation, or might it also and simultaneously create unexpected opportunities to alleviate these? Under what circumstances does feminism itself get intertwined in circuits of gendered power? In the first part of this class, we will carefully examine issues of gender, sexuality, and development. In the latter, we turn increasingly toward issues of emotion and transnational intimate exchange and emotional labor while situating these encounters within the economic context we discussed in the first section.

#### Fall 2018: WMST UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/01330	T 4:10pm - 6:00pm 119 Milstein Center	Elizabeth Bernstein	4	16/20

#### Spring 2019: WMST UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/77347	T 2:10pm - 4:00pm Room TBA	Selina Makana	4	1/20

#### WMST GU4300 Queer Theory/ Visual Culture. 4 points.

This class will ask you to read a set of theoretical essays and social science studies in order to think deeply about sexuality, identity, desire, race, objects, relationality, being, knowing and becoming. We will consider sexuality, desire and gender not as a discrete set of bodily articulations, nor as natural expressions of coherent identities so much as part of the formulation of self that Avery Gordon names "complex personhood." Over the course of the semester, we will explore new and old theories of queer desire alongside a history of queer cultural production.,

#### Spring 2019: WMST GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4300	001/12581	W 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Jack Halberstam	4	22/25

#### 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 2019: WMST GU4506

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4506	001/23048	M 2:10pm - 4:00pm 103 W & J Warren(Law & Business)	Katherine Franke	3	37/40

#### WMST GR6001 Theoretical Paradigms. 4 points.

*This course will explore transnational feminist debates about gender-based violence and examine the critical concepts being developed within the scholarly literature to question this "common sense." What are the elisions and exclusions in many common-sense understandings of these terms? Can we deepen the ways in which we engage with the manifestations and causes of such violence? We will proceed through close readings of the texts of the key feminist thinkers, researchers, and activists who are contributing to the critical analysis of the dynamics and history of this international agenda. We pay special attention to place-based research on the applicability and deployment of particular approaches to gender-based violence as found in human rights work, humanitarianism, philanthrocapitalism, and the proliferating organizations, governmental and nongovernmental, around the world that promote girls' and women's rights and freedom from violence. Case studies will focus mostly on the Middle East, South Asia, and Africa.*

**Spring 2019: WMST GR6001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 6001	001/28143	M 4:10pm - 6:00pm 754 Ext Schermerhorn Hall	Lila Abu-Lughod	4	21/20

**WMST GR8001 Feminist Pedagogy. 1 point.**

This is a course is oriented to graduate students who are thinking about issues in teaching in the near and distant future and want to explore forms of pedagogy. The course will ask what it means to teach “as a feminist” and will explore how to create a classroom receptive to feminist and queer methodologies and theories regardless of course theme/content. Topics include: participatory pedagogy, the role of political engagement, the gender dynamics of the classroom, modes of critical thought and disagreement. Discussions will be oriented around student interest. The course will meet 4-5 times per SEMESTER (dates TBD) and the final assignment is to develop and workshop a syllabus for a new gender/sexuality course in your field. Because this course is required for graduate students choosing to fulfill Option 2 for the Graduate Certificate in Feminist Studies at IRWGS, priority will be given to graduate students completing the certificate.

**Spring 2019: WMST GR8001**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 8001	001/23212	T 6:10pm - 8:00pm 754 Ext Schermerhorn Hall	Marianne Hirsch	1	17/20

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2018-2019 Bulletin Archived on May 14, 2019