Announcement for the 190th and 191st sessions

New York University
College of Arts and Science
726 Broadway, 7th Floor
New York, New York 10003

The policies, requirements, course offerings, schedules, activities, tuition, fees, and calendar of the school and its departments and programs set forth in this Bulletin are subject to change without notice at any time at the sole discretion of the administration. Such changes may be of any nature, including, but not limited to, the elimination of the school or college, programs, classes, or activities; the relocation of or modification of the content of any of the foregoing; and the cancellation of scheduled classes or other academic activities.

Payment of tuition or attendance at any classes shall constitute a student's acceptance of the administration's rights as set forth in the above paragraph.

Notice: The online version of the Bulletin (at bulletin.cas.nyu.edu) contains revisions and updates to courses, programs, requirements, policies, staffing, etc. that occurred after the text of this PDF version was finalized in summer 2022. The online Bulletin is subject to change and will be revised and updated as necessary. Students who require a printed copy of any portion of the updated online Bulletin but do not have Internet access should see a College of Arts and Science adviser or administrator for assistance.

Notice: The College's Office of the Dean and all other administrative offices relocated from their long-time home on the 9th Floor of the Silver Center to 726 Broadway, 7th Floor, in June 2022. This 2022-2024 edition of the Bulletin uses the 726 Broadway address. Telephone and e-mail contacts have not changed for any CAS office or administrator.
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The founding of New York University in 1831 by a group of eminent private citizens marked a historic event in U.S. education. In the early 19th century, the major emphasis in higher education was on the mastery of Greek and Latin, with little attention given to modern subjects. The founders of NYU intended to enlarge the scope of higher education to meet the needs of those aspiring to careers in business, industry, science, and the arts as well as law, medicine, and the ministry. The opening of the University of London in 1828 convinced New Yorkers that New York, too, should have a new university that fed off the energy and vibrancy of the city.

The result of the founders’ foresight is today a university that is recognized both nationally and internationally as a leader in scholarship. NYU is one of only 28 private universities in the nation to have membership in the distinguished Association of American Universities. Students come to NYU from all 50 states and more than 140 countries.

NYU includes three degree-granting campuses: New York City, United States; Abu Dhabi, United Arab Emirates; and Shanghai, China. In addition, the University has 12 global academic locations: Accra, Ghana; Berlin, Germany; Buenos Aires, Argentina; Florence, Italy; London, England; Los Angeles, CA, United States; Madrid, Spain; Paris, France; Prague, Czech Republic; Sydney, Australia; Tel Aviv, Israel; and Washington, D.C., United States. Although overall the University is large, the divisions are small- to moderate-size units—each with its own traditions, programs, and faculty. Enrollment in the undergraduate divisions at NYU ranges between 143 and 8,457 students, and the University offers over 6,400 courses and grants more than 35 different degrees. Classes vary in size, but the University strives to create a sense of community among students within and among the different disciplines.
THE SCHOOLS, COLLEGES, INSTITUTES, AND PROGRAMS OF THE UNIVERSITY

1832 College of Arts and Science
1835 School of Law
1841 School of Medicine
1854 Tandon School of Engineering (October 2015)
1865 College of Dentistry (including the College of Nursing [1932])
1886 Graduate School of Arts and Science

1890 Steinhardt School of Culture, Education, and Human Development
1900 Leonard N. Stern School of Business
1922 The Institute of Fine Arts
1934 School of Professional Studies
1934 Courant Institute of Mathematical Sciences
1938 Robert F. Wagner Graduate School of Public Service

1960 Silver School of Social Work
1965 Tisch School of the Arts
1972 Gallatin School of Individualized Study
1972 Liberal Studies
2006 Institute for the Study of the Ancient World
2010 New York University Abu Dhabi
2013 New York University Shanghai
2015 School of Global Public Health
2019 Long Island School of Medicine

NEW YORK UNIVERSITY AND NEW YORK

New York University Libraries

The Elmer Holmes Bobst Library, designed by Philip Johnson and Richard Foster, is the flagship of an eight-library system that provides access to the world’s scholarship. NYU Libraries holds 6 million book volumes. Its online catalog, BobCat, contains 4.5 million records, including more than 2 million e-books and 53,000 serial titles. The Special Collections Center is uniquely strong in the performing arts, radical and labor history, and the history of New York and its avant-garde culture. Bobst Library serves as a center for the NYU community’s intellectual life and offers more than 2,600 seats for student study.

Residing on the 7th floor of Bobst, the Avery Fisher Center for Music and Media is one of the world’s largest academic media centers, offering advanced technology to support the newest modes of music listening. The Digital Studio offers a constantly evolving, leading-edge resource for faculty and student projects and promotes and supports access to digital resources for teaching, learning, research, and arts events. The Data Services Lab provides expert staff and access to software, statistical computing, geographical information systems analysis, data collection resources, and data management services in support of quantitative research at NYU.

The Fales Library, a special collection within Bobst Library, is home to the unparalleled Fales Collection of English and American Literature; the Marion Nestle Food Studies Collection, the country’s largest trove of cookbooks, food writing, pamphlets, paper, and archives dating from the 1790s; and the Downtown Collection, an extraordinary multimedia archive documenting the avant-garde New York art world since 1975. Bobst Library also houses the Tamiment Library, the country’s leading repository of research materials in the history of left politics and labor. Two fellowship programs bring scholars from around the world to Tamiment to explore the history of the Cold War and its wide-ranging impact on U.S. institutions and research the history of progressive social policies and promote public discussion of their role in our society.

Tamiment’s Robert F. Wagner Labor Archives contain, among other resources, the archives of the Jewish Labor Committee and more than 200 New York City labor organizations. Fales, Tamiment, and the University Archives hold over 43,000 linear feet of archival materials.

Beyond Bobst, the library of the renowned Courant Institute of Mathematical Sciences focuses on research-level material in mathematics, computer science, and related fields. The Stephen Chan Library of Fine Arts at the Institute of Fine Arts houses the rich collections that support the research and curricular needs of the institute’s graduate programs in art history and archaeology. The Jack Brause Library at the School of Professional Studies Midtown, the most comprehensive facility of its kind, serves the information needs of every sector of the real estate community. The Library of the Institute for the Study of the Ancient World is a resource for advanced research and graduate education in ancient civilizations from the western Mediterranean to China. The Bern Dibner Library of Science and Technology
serves the NYU Tandon School of Engineering. The libraries of NYU Abu Dhabi and NYU Shanghai provide access to all of BobCat’s resources in addition to their own growing collections of books and other print materials in support of the schools’ developing curricula. Complementing the collections of NYU Libraries are those of the Health Sciences Library and School of Law.

NYU Libraries continually enhances its student and faculty services and expands its research collections, responding to the extraordinary growth of the University’s academic programs in recent years and the rapid expansion of electronic information resources. Bobst Library’s professional staff includes more than 50 subject and technical specialists who select materials and work with faculty and undergraduate and graduate students in every field of study at NYU. The Bobst staff also includes specialists in undergraduate outreach, instructional services, preservation, geospatial information, digital information, scholarly communication, intellectual property, and more.

The Larger Campus

New York University is an integral part of the metropolitan community of New York City—the business, cultural, artistic, and financial center of the nation and the home of the United Nations. The city’s extraordinary resources enrich both the academic programs and the experience of living at NYU.

Professors whose extracurricular activities include service as editors for publishing houses and magazines; advisers to city governments, banks, school systems, and social agencies; and consultants for museums and industrial corporations bring to teaching an experience of the world and a professional sophistication that are difficult to match.

Students also, either through coursework or outside activities, tend to be involved in the vigorous and varied life of the city. Research for term papers in the humanities and social sciences may take them to diverse places such as the American Museum of Natural History, the Museum of Modern Art, a garment factory, a deteriorating neighborhood, or a foreign consulate.

Students in science work with their professors on problems of immediate importance to urban society such as the pollution of waterways and the congestion of city streets. Business majors attend seminars in corporation boardrooms and intern as executive assistants in business and financial houses. The schools, courts, hospitals, settlement houses, theatres, playgrounds, and prisons of the greatest city in the world form a regular part of the educational scene for students of medicine, dentistry, education, social work, law, business, public administration, and the creative and performing arts.

NYU’s chief center for undergraduate and graduate study is located at Washington Square in Greenwich Village, long famous for its contributions to the fine arts, literature, and drama and its personalized, smaller-scale, European style of living. NYU itself makes a significant contribution to the creative activity of the Village through the high concentration of faculty and students who reside within a few blocks of the University. NYU’s Tandon School of Engineering, located in Downtown Brooklyn, connects academics with creative research and technology in the burgeoning Tech Triangle, and it is just a short subway ride away from Washington Square.

University housing is comprised of nearly 2,100 units housing eligible faculty and administration, and university student residence halls accommodate nearly 13,100 undergraduate and graduate students. Many more faculty and students reside in private housing in the area.

A Private University

Since its founding, New York University has been a private university. It operates under a board of trustees and derives its income from tuition, endowment, grants from private foundations and government, and gifts from friends, alumni, corporations, and other private philanthropic sources.

The University is committed to a policy of equal treatment and opportunity in every aspect of its relations with its faculty, students, and staff members, without regard to race, color, religion, sex, sexual orientation, gender and/or gender identity or expression, marital or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, and any other legally protected basis.

Inquiries regarding the application of the federal laws and regulations concerning affirmative action and antidiscrimination policies and procedures at NYU may be referred to Mary Signor, Assistant Vice President, Office of Equal Opportunity, New York University, 665 Broadway, 12th Floor, New York, NY 10003; 212-998-2370; nyu.edu/about/policies-guidelines-compliance/equal-opportunity. Inquiries may also be referred to the director of the Office of Federal Contract Compliance, U.S. Department of Labor.

NYU is a member of the Association of American Universities and is accredited by the Middle States Association of Colleges and Schools (Middle States Commission on Higher, 3624 Market Street, Suite 2 West, Philadelphia, PA 19104; 267-284-5000). Individual undergraduate, graduate, and professional programs and schools are accredited by the appropriate specialized accrediting agencies.
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The original Gothic-style University building, which was first occupied by NYU in 1835.
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The history of the College of Arts and Science begins with the founding of the University by a number of prominent New Yorkers, led by Albert Gallatin, a member of Jefferson's cabinet. Unlike other institutions at the time, it was to be nonsectarian and to produce a different sort of elite citizen, not born to privilege but set apart for leadership by talent and effort. To that end, it provided a more practical education, what the 19th century called “Useful Knowledge.”

Thus, in addition to offering the standard classical curriculum, early NYU was also a center for science. John W. Draper invented modern photography, and the American Chemical Society was founded here.

In the arts and culture, too, it can be argued that the College not only participated in but also generated much of the creative energy that has characterized Greenwich Village. The original University Building housed ateliers that were the forerunners of the current downtown art scene. And although Henry Wadsworth Longfellow was turned down for a teaching post, literature thrived, with University Building even featured in an 1861 novel by Theodore Winthrop.

Finally, this neighborhood and this institution have had a long tradition of social and political activism—from the Stonecutters Riot over the construction of the University’s first building in 1834 to the tragic Triangle Shirtwaist Factory fire in 1911, a major event in U.S. labor history that took place in what is now the Brown Building.

From its earliest days, then, the College on Washington Square has been at the cutting edge of intellectual, cultural, and social developments. In 1895, however, NYU’s great chancellor, Henry McCracken, decided to reserve Washington Square for the professional schools, which had proliferated under his leadership, and to move University College to a beautiful campus in the Bronx—University Heights—designed by Stanford White.

The College’s move to the Heights reflected McCracken’s “Ivy” aspirations for the school and his successful effort to raise quality by attracting the best students nationally. Also relevant was the ascendant, non-urban collegiate ideal of a residential community, with fine teaching, extracurricular activities, fraternities, and intercollegiate athletics.

A few years later, an undergraduate presence was restored downtown with the opening of a Collegiate Division (1903), soon to become Washington Square College (1913). This school had a more diverse student body, opening its doors to women, recent immigrants, commuters, and professional students.

For over 60 years, undergraduate liberal arts education at NYU took place in two locations—University College (and the Engineering School) at the Heights and the College on Washington Square, both offering excellent, but different, educational and social experiences. In the 1970s, the College underwent yet another major transformation. In response to financial pressures, the Heights campus was closed in 1973, and University College merged with Washington Square College. The new institution, which is now known simply as the College of Arts and Science, is the beneficiary of both traditions—the Heights’ residential and collegiate culture and the Square’s progressive urban focus. At that time, a decision was also made to build aggressively for quality—to recruit the very best faculty and students, to update and expand the physical plant, and to create distinguished programs both here and abroad.

In recent years, the College has become recognized as a national leader for its efforts to reinvent a liberal arts education for the 21st century. With a challenging liberal arts foundation, the College Core Curriculum, at the center of the undergraduate experience, the College
emphasizes student inquiry and research, offers unique opportunities for international and pre-professional study, and makes use of the city as a site for learning and service. A liberal arts education thus reconceived is not only personally enriching but also eminently practical in developing the skills and perspectives essential to assume a leadership role in the 21st century. The College continues to build on its founders’ goal of providing “Useful Knowledge.”
College Directory

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212-998-8130  
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Assistant Dean for Students  
726 Broadway, 7th floor  
212-998-8140  
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SERVICES

CAS Career Services  
Silver Center, Room 901  
212-998-8160

Center for Multicultural Education and Programs  
Kimmel Center for University Life  
60 Washington Square South, Suite 806  
212-998-4343  
nyu.edu/cmep

Center for Student Activities, Leadership, and Service  
Kimmel Center for University Life  
60 Washington Square South, Suite 704  
212-998-4411  
nyu.edu/student-life

Counseling and Wellness Services  
Student Health Center  
726 Broadway, Room 471  
212-998-4780  
nyu.edu/students

Counseling and Wellness Services  
College of Arts and Science  
726 Broadway, 7th floor  
212-998-8150  
nyu.edu/students

Off-Campus Housing Office  
Kimmel Center for University Life  
60 Washington Square South, Suite 210  
212-998-4620  
nyu.edu/students
Office of the Bursar
StudentLink Center
383 Lafayette Street, 1st Floor
212-998-2806
nyu.edu/bursar

Office of Financial Aid
StudentLink Center
383 Lafayette Street, 1st Floor
212-998-4444
nyu.edu/financial.aid

Office of Global Programs
StudentLink Center
383 Lafayette Street, 4th Floor
212-998-4433
nyu.edu/academics/studying-abroad

Office of Global Services
StudentLink Center
383 Lafayette Street, 1st Floor
212-998-4720
nyu.edu/ogs

Office of Residential Life and
Housing Services
726 Broadway, 7th Floor
212-998-4600
nyu.edu/living

Office of the University Registrar
StudentLink Center
383 Lafayette Street, 1st Floor
212-998-4800
nyu.edu/registrar

Student Health Center
726 Broadway, 3rd and 4th Floors
212-443-1000
nyu.edu/students/health-and-wellness

Student Resource Center
Kimmel Center for University Life
60 Washington Square South
212-998-4411
nyu.edu/student-life

Undergraduate Admissions Office
StudentLink Center
383 Lafayette Street, 2nd Floor
212-998-4500
nyu.edu/admissions/
undergraduate-admissions

Wasserman Center for Career Development
133 East 13th Street, 2nd Floor
212-998-4730
nyu.edu/careerdevelopment

NYU Wellness Exchange
726 Broadway, 3rd Floor
212-443-9999
nyu.edu/999
wellness.exchange@nyu.edu
COLLEGE OF ARTS & SCIENCE 2022–2024
Academic Calendar

2022

September 2022
1 / Thursday
Fall Term Begins

5 / Monday
Labor Day (Holiday)

14 / Wednesday
Last Day to Add a Course

14 / Wednesday
Last Day to Drop a Course Without a “W”

October 2022
10 / Monday
Fall Break

11 / Tuesday
Legislative Day
(classes meet on a Monday schedule)

November 2022
23 / Wednesday
Fall Break

24–27 / Thursday–Sunday
Thanksgiving Recess

December 2022
5 / Monday
Last Day for Filing or Revoking Pass/Fail Option

5 / Monday
Last Day for Withdrawing from a Course (with a “W”)

14 / Wednesday
Last Day of Classes

15 / Thursday
Reading Day

16–22 / Friday–Thursday
Fall Term Final Examinations

23–January 1 / Friday–Sunday
Winter recess

2023

January 2023
2 / Monday
January Term 2023 Classes Begin

3 / Tuesday
Last Day to Add a Course; Last Day to Drop a Course Without a “W”

16 / Monday
Martin Luther King Jr. Day (Holiday)

17 / Friday
Last Day for Withdrawing from a Course (with a “W”); Last Day for Filing or Revoking Pass/Fail Option

February 2023
5 / Sunday
Last Day to Add a Course

5 / Sunday
Last Day to Drop a Course Without a “W”

20 / Monday
Presidents’ Day (Holiday)

March 2023
13–19 / Monday–Sunday
Spring Recess

May 2023
2 / Tuesday
Last Day for Filing or Revoking Pass/Fail Option

May 2023
2 / Tuesday
Last Day for Withdrawing from a Course (with a “W”)

8 / Monday
Last Day of Classes

9 / Tuesday
Reading Day

10–16 / Wednesday–Tuesday
Spring Term Final Examinations

TBD
CAS Baccalaureate

17 / Wednesday (Tentative)
Commencement: Conferring of Degrees

22–July 5 / Monday–Wednesday
Summer Session I (First 6-week session)

25 / Thursday
Last Day to Add a Course; Last Day to Drop a Course Without a “W”

29 / Monday
Memorial Day (Holiday)

31 / Wednesday
Legislative Day (classes meet on a Monday schedule)

June 2023
19 / Monday
Juneteenth (Holiday)

TBD
Last Day for Withdrawing from a Course (with a “W”); Last Day for Filing or Revoking Pass/Fail Option
July 2023
4 / Tuesday
Independence Day (Holiday)
6–August 16 / Tuesday–Wednesday
Summer Session II
(Second 6-week session)
9 / Sunday
Last Day to Add a Course; Last Day to
Drop a Course Without a “W”
TBD
Last Day for Withdrawing from a
Course (with a “W”); Last Day for Filing
or Revoking Pass/Fail Option

September 2023
4 / Monday
Labor Day (Holiday)
5 / Tuesday
Fall Term Begins
TBD
Last Day to Add a Course
TBD
Last Day to Drop a Course Without a “W”

October 2023
9 / Monday
Fall Break
10 / Tuesday
Legislative Day
(classes meet on a Monday schedule)

November 2023
22 / Wednesday
Fall Break
23–26 / Thursday–Sunday
Thanksgiving Recess

December 2023
TBD
Last Day for Filing or Revoking
Pass/Fail Option

TBD
Last Day for Withdrawing from a
Course (with a “W”)
15 / Friday
Last Day of Classes
18–22 / Monday–Friday
Fall Term Final Examinations
23–January 7 / Saturday–Sunday
Winter recess

2024
January 2024
8 / Monday
January Term 2024 Classes Begin
TBD
Last Day to Add a Course; Last Day to
Drop a Course Without a “W”
15 / Monday
Martin Luther King Jr. Day (Holiday)
TBD
Last Day for Withdrawing from a
Course (with a “W”); Last Day for Filing
or Revoking Pass/Fail Option
26 / Friday
January Term 2024 Classes End
29 / Monday
Spring Term Begins

February 2024
TBD
Last Day to Add a Course
TBD
Last Day to Drop a Course Without a “W”
19 / Monday
Presidents’ Day (Holiday)

March 2024
18–24 / Monday–Sunday
Spring Recess

May 2024
TBD
Last Day for Filing or Revoking
Pass/Fail Option
TBD
Last Day for Withdrawing from a Course
(with a “W”)
13 / Monday
Last Day of Classes
14 / Tuesday
Reading Day
15–21 / Wednesday–Tuesday
Spring Term Final Examinations
TBD
CAS Baccalaureate
22 / Wednesday (Tentative)
Commencement: Conferring of Degrees
27 / Monday
Memorial Day (Holiday)
28–July 10 / Monday–Wednesday
Summer Session I (First 6-week session)
TBD
Last Day to Add a Course; Last Day to
Drop a Course Without a “W”

June 2024
19 / Wednesday
Juneteenth (Holiday)
TBD
Last Day for Withdrawing from a
Course (with a “W”); Last Day for Filing
or Revoking Pass/Fail Option

July 2024
4 / Thursday
Independence Day (Holiday)
9 / Tuesday
Legislative Day (classes meet on a
Thursday schedule)
11–August 21 / Tuesday–Wednesday
Summer Session II
(Second 6-week session)
TBD
Last Day to Add a Course; Last Day to Drop a Course Without a "W"

TBD
Last Day for Withdrawing from a Course (with a "W"); Last Day for Filing or Revoking Pass/Fail Option

Additional Important Calendar Dates

For tuition and fees refund schedules, see under “refund period schedule” in the tuition, expenses, and financial aid section of this Bulletin. Students should also consult the refund schedules posted at nyu.edu/bursar.

For registration and drop/add schedules, consult the website of the Office of the Registrar, nyu.edu/registrar, and also the College Advising Center, 726 Broadway, 7th Floor; 212-998-8130.
The College Core Curriculum

cas.nyu.edu/core
Silver Center
726 Broadway, 7th floor,
New York, NY 10003
212-998-8119

Director of the College Core Curriculum and Vice Dean of General Education
Professor Siegal
Executive Director of the Expository Writing Program and Assistant Vice Dean of General Education
Professor Quilter

Director of the Foundations of Contemporary Culture
Clinical Professor Renzi
Director of the Foundations of Scientific Inquiry
Clinical Professor Jordan

OVERVIEW

The Core Curriculum of the College of Arts and Science provides a foundational academic experience of general education in the liberal arts for undergraduates at NYU. Through a challenging array of courses, the College Core Curriculum heightens cultural awareness, hones critical reading skills, and promotes creative and logical thinking. It also gives students extensive practice writing and speaking English and proficiency in at least one other language. Rather than specifying a fixed canon of knowledge, Core courses focus on modes and methods of humanistic and scientific inquiry. In each case, students are free to pursue particular interests by choosing among a number of courses. Students examine our contemporary culture—its origins and social structures, its modes of expression, and its inherent diversity and evolving patterns of thought. In other classes, they consider the place and importance of modern science—its quantitative and analytical foundations, its processes of reasoning, and its relationship to technology and to our views of the natural world. By helping them to broaden their perspectives, gain new pathways for intellectual inquiry, and develop the skills, background, and social awareness to thrive in dynamic circumstances, the Core Curriculum seeks to prepare students for their later studies and to equip them well for lives as thinking individuals and members of society.

PROGRAM

The College Core Curriculum has five components:

1. The First-Year Seminar
2. Study of a foreign language
3. The Expository Writing Program
4. Foundations of Contemporary Culture (FCC)
5. Foundations of Scientific Inquiry (FSI)

Though structured and integrated, the Core Curriculum affords students flexibility in a number of ways. It permits the choice of different tracks in each component, the satisfaction of some courses by examination or Advanced Placement (or equivalent international) credit (foreign language, FSI), and the substitution of departmental courses (FSI, Societies and the Social Sciences in FCC).

Given this flexibility, students work individually with advisers to plan course schedules that take into account their past preparation, current interests, and longer-term goals. While there is no prescribed schedule of courses that will be appropriate for every student, the following broad guidelines should be kept in mind:
- Incoming first-year students should complete their Core courses by the end of sophomore year. This will leave them free in their junior and senior years to focus on their major and elective courses. Some science majors, engineering students, prehealth students, and students placed in the International Writing Workshop sequence may need to delay starting, and thus finishing, a component of the Core Curriculum for a semester or more. Students who study away may also need to delay completing their Core courses beyond the sophomore year.

- Students must complete Writing the Essay (EXPOS-UA 1) during their first year. Those placed into the Liberal Studies Writing or International Writing Workshop sequences must begin in their first semester and must register for their remaining writing course(s) in the semester(s) immediately following.

- In designing the College Core Curriculum, the faculty sought to ensure that all students would receive a broad exposure to the liberal arts early in their college careers. With this wide academic horizon, the Core Curriculum encourages students to discover new intellectual interests outside their intended areas of specialization and to pursue those interests with elective courses outside their majors in their later undergraduate years.

The First-Year Seminar

The College of Arts and Science’s First-Year Seminar program has long been the centerpiece of students’ academic experience in the College. In these small classes, students are exposed to college-level academic content and expectations that form the basis of a liberal arts education. By engaging with their peers and faculty in dynamic critical thinking, writing, and presentation activities, students gain core skills and research competencies that lay the foundation for success during their NYU experience and beyond. First-Year Seminars also connect students to the rich academic and cultural resources of NYU and New York City, from museums to the theatre to libraries and archives, and their small size fosters close work between students and instructors. The seminars encourage our students to develop—beginning with their very first semester in the College—as critical assessors of existing knowledge as well as of new ideas and approaches, and they equip CAS students with the skills and habits of mind they need to succeed at NYU and beyond.

First-Year Seminars are offered in both the fall and spring semesters; and students may complete this component of the Core either term. The selection of seminars varies from year to year, and the program aims to represent all three curricular divisions of Arts and Science (the humanities, the social sciences, and the natural sciences). See the section on First-Year Seminars in this Bulletin.

Foreign Language

The study of foreign languages is an integral part of a liberal arts education. It nurtures an awareness of the diversity of human culture and serves the practical need for language skills in fields such as government, business, and research. New York University is a particularly exciting setting for language study because of its location in a great cosmopolitan city, its international student body, its many renowned language programs and centers, and its numerous opportunities for study away.

Increasingly, college graduates must be prepared to function in a global society. Apart from the inherent interest of learning about other cultures, many NYU students take the opportunity to study or travel abroad as preparation for their future careers. For more information about study away programs, visit the Office of Global Programs, 383 Lafayette Street, 4th Floor, New York.
REQUIREMENT

To fulfill the foreign language component of the College Core Curriculum, students must demonstrate or attain proficiency in a foreign language through the full intermediate level. Ordinarily, this is accomplished by the successful completion of two years of language study in the College, through the second semester of a regular intermediate-level language sequence. Some languages are also taught as intensive courses, allowing students to complete the equivalent of two years of study in a single year. After two years of college language study or the equivalent demonstrated proficiency, students should have gained a broad competence in a language, but true fluency of written or oral expression will not usually have been developed at this point. For this reason, all students are encouraged to continue their language study beyond the intermediate level. In particular, students studying modern languages will find it most beneficial to immerse themselves in the living culture of a language by studying, traveling, or working abroad. Likewise, students of all languages, whether ancient or modern, are encouraged to continue their studies with elective courses in literature at the advanced level.

EXEMPTIONS

Students may fulfill the foreign language component of the College Core Curriculum by presenting outstanding scores on the SAT Subject Test (discontinued as of January 2021 in the United States and as of July 2021 internationally), or Advanced Placement Test (or equivalent international examination) in certain foreign languages, or by passing a CAS or departmental proficiency examination. For further information on language placement and exemption, see “placement examinations” in the academic policies section of this Bulletin. For Advanced Placement and international examination equivalencies, consult the charts in the admission section, also in this Bulletin. Students whose entire secondary schooling was in a language other than English, or who complete the International Writing Workshop I, II sequence (EXPOS-UA 4, 9), are exempt from the foreign language requirement. Also exempt are students in the dual-degree engineering program.

COURSES

Listed below are courses covering the second semester of the intermediate level of language study. Intensive courses, which allow students to complete the equivalent of two years of study in a single year, are also listed where available. Completion of any of the following courses will fulfill the foreign language requirement. Please consult the individual departmental listings for information on prerequisite courses.

- Arabic, Intermediate II (MEIS-UA 104)
- Cantonese, Intermediate II (SCA-UA 334/ EAST-UA 413)
- Chinese, Intermediate II (EAST-UA 204)
- Chinese, Intermediate for Advanced Beginners (EAST-UA 232)
- Filipino (Tagalog), Intermediate II (SCA-UA 324)
- French, Intermediate II (FREN-UA 12)
- French, Intensive Intermediate (FREN-UA 20)
- German, Intermediate II (GERM-UA 4)
- German, Intensive Intermediate (GERM-UA 20)
- Greek, Ancient, Intermediate II: Homer (CLASS-UA 10)
Greek, Modern, Intermediate II (HEL-UA 106)
Hebrew, Intermediate II (HBRJD-UA 4)
Hindi, Intermediate II (MEIS-UA 408)
Irish, Modern, Intermediate II (IRISH-UA 103)
Italian, Intermediate II (ITAL-UA 12)
Italian, Intensive Intermediate (ITAL-UA 20)
Japanese, Intermediate II (EAST-UA 250)
Japanese, for Reading Proficiency (EAST-UA 268)
Korean, Intermediate II (EAST-UA 257)
Korean, Intermediate for Advanced Learners (EAST-UA 282)
Latin: Vergil (CLASS-UA 6)
Persian, Intermediate II (MEIS-UA 404)
Portuguese, Intermediate II (PORT-UA 4)
Portuguese, Intensive Intermediate for Spanish Speakers (PORT-UA 21)
Quechua, Intermediate II (SPAN-UA 84)
Russian, Intermediate II (RUSSN-UA 4)
Russian, Grammar and Composition II (RUSSN-UA 6)
Spanish, Intermediate II (SPAN-UA 4)
Spanish for Spanish Speakers (SPAN-UA 11)
Spanish, Intensive Intermediate (SPAN-UA 20)
Swahili, Intermediate II (SCA-UA 124)
Turkish, Intermediate II (MEIS-UA 504)
Urdu, Intermediate II (MEIS-UA 304)

Each department offering language instruction in the College has designated a member of its faculty to coordinate its courses and policies. For more information on specific language classes, placement, or exemption, please contact the language coordinator, director of language programs, or director of undergraduate studies named in the individual departmental sections in this Bulletin.

Thanks to an exchange arrangement with Columbia University, students may also enroll in the following languages, often (but not always) offered through the intermediate level and given at Columbia: Armenian, Bengali, Bosnian-Croatian-Serbian, Burmese, Catalan, Czech, Dutch, Finnish, Hungarian, Indonesian, Khmer, Ottoman Turkish, Polish, Punjabi, Romanian, Sanskrit, Sinhala, Swahili, Swedish, Tamil, Modern Tibetan, Ukrainian, Vietnamese, Wolof, Yoruba, and Zulu. For information about these courses, visit the Office of Academic Affairs, 726 Broadway, 7th floor; 212-998-8110. Not every language is offered at Columbia every semester.

**Expository Writing**

The practice of including writing in the Core Curriculum reflects NYU’s longstanding commitment to the centrality of written inquiry to undergraduate education. Expository writing courses at NYU teach students to move from answering teachers’ questions to identifying and responding to questions and problems that they themselves identify. To this end, students learn to use writing as a flexible tool for exploring ideas, taking intellectual and creative risks, analyzing data (sources, text, visual material, and empirical data), making and rethinking observations, and investigating questions and curiosities. Students also learn to think of writing as a process of consciously crafting a text that purposefully communicates an idea, finding, result, insight, or interpretation to a specific imagined audience.

Most students fulfill the expository writing component of the Core through completion of Writing the Essay (EXPOS-UA 1). Subject to proficiency recommendations, some international students
may be placed in the two-semester sequence International Writing Workshop I and II (EXPOS-UA 4 and 9). A number of advanced elective courses are also available. For a complete description of the program and its course offerings, see the Expository Writing Program section of this Bulletin.

**Foundations of Contemporary Culture**

The Foundations of Contemporary Culture (FCC) sequence of the College Core Curriculum is a series of four coordinated courses in the humanities and social sciences. Within each of the four offerings, students are free to pursue their particular interests through their choice of individual classes. Overall, the structure of the FCC ensures that every student in the College gains a common core of skills and experiences in the liberal arts. In addition to the information on the FCC sequence provided in this Bulletin, detailed descriptions of each year’s course offerings may be found on the Core Curriculum website.

**TEXTS AND IDEAS**

Texts and Ideas introduces students to the ideals of liberal education and the central role of humanistic study in the liberal arts and fosters appreciation of the importance of humanistic learning for society at large. Students become acquainted with some of the literary and philosophical works that have been most influential in shaping the contemporary world and with significant instances in which the ideas in these works have been debated, developed, appropriated, or rejected. Texts and Ideas is not a survey but, rather, an examination of how texts influence subsequent thinking, create traditions, and reflect societal ideals. Texts and Ideas thus aims to provide a richer understanding of how cultures are constructed, modified, and represented.

**CULTURES AND CONTEXTS**

Cultures and Contexts prepares students for life in a globalized world by introducing them to the ways in which humans come to understand themselves as members of social, religious, national, and regional collectives and by fostering their appreciation of the dynamics of cultural interaction and influence. Individual sections focus on specific social or cultural groups different from the dominant traditions of contemporary North America. They share a common concern to examine the ways cultures have interacted, for example, through trade, colonization, immigration, religious dispersion, and media representation; how such groups define themselves against internal and external difference; and how the dominant perspective of Western modernity affects comprehension of the ways in which people outside that position understand, experience, and imagine their lives.

Offerings include emergent traditions, diaspora formations, and societies understood as nationally, geographically, or culturally distinct from the dominant traditions of contemporary North America. Courses focusing on ancient civilizations are also included, as are courses that address contemporary challenges to traditional European conceptions of national identity.

**SOCIETIES AND THE SOCIAL SCIENCES**

Over the past several centuries, enormous social transformations have taken place around the world. To understand the complexity of these phenomena, new methods have been developed to study societal structures and human behavior. Each of the courses under Societies and the Social Sciences begins from a particular disciplinary approach, social concern, or topic, in order to orient students to the characteristic methods of these social sciences. Students learn how issues are objectified for study, how data are collected and analyzed, and how new understanding is thereby
achieved. Whether through an interdisciplinary approach, consideration of their historical
development, or reflection on critical and positivistic debates, the courses help students both
to appreciate the unique insights afforded by these methods and to recognize the limits of
such inquiry. In this way, students move beyond the particular focus of the class to a broader
understanding of methods and problems in the social sciences generally.

**EXPRESSIVE CULTURE**

In Expressive Culture, students explore the complexities of artistic expression in various media:
sounds, images, words, performance, or film. Each course introduces requisite historical, formal,
and critical vocabularies; examines fundamental issues associated with interpretation of the arts
making use of these media; and investigates the complex relations between artistic activity and
other facets of social organization. The courses also make use, whenever possible, of the rich
cultural resources of New York City.

**Foundations of Scientific Inquiry**

The Foundations of Scientific Inquiry (FSI) component of the College Core Curriculum is a series
of three coordinated courses in quantitative reasoning and the natural sciences. Together, these
courses ensure that every student in the College gains a fundamental understanding of how
mathematics and laboratory experimentation advance scientific investigation. While some students
acquire this background through course work offered in the science majors and the prehealth
track, FSI courses are especially designed to meet the needs of nonscience students. Within each
of the three offerings, students are free to pursue their particular interests through their choice
of individual classes. In addition to the information on the FSI provided in this Bulletin, detailed
descriptions of each year’s course offerings may be found on the Core Curriculum website.

**QUANTITATIVE REASONING**

Students in Quantitative Reasoning courses engage mathematical concepts in a variety of contexts
in the natural or social sciences. All courses include a substantial amount of problem solving that
requires both conceptual and computational work.

**PHYSICAL SCIENCE**

Scientific knowledge has its basis in our natural curiosity about the world around us and our place
in it. These courses approach the physical sciences with the intent of asking and trying to answer
interesting questions, dealing with topics ranging from the origin of our universe and planet to how
human activity affects our environment. Students consider the important roles played by laws of
physics and chemistry in biology, earth and environmental sciences, astrophysics, and cosmology;
they also develop an understanding of how the physical sciences inform the natural sciences
generally. Mathematics is introduced in each course with frequent applications to the subject
matter. Predictions that can be made only with the use of mathematics are clearly delineated,
showing the powerful role it plays in our understanding of the universe. Wherever possible, the
courses relate science to societal problems and develop a historical perspective.

**LIFE SCIENCE**

The complexity of the biological realm continues to fascinate and challenge modern scientists,
who are currently engaged in such diverse pursuits as exploring the organization and function of
the brain, reconstructing the origin of the human species, linking the multiplicity of interactions
in ecosystems, and deciphering the influence of heredity on complex traits. The courses in Life Science take a nontraditional approach to the life sciences, with an emphasis on approaching science as a dynamic process of investigation and discovery. Each course selects a broad theme that is at the forefront of contemporary research, then uses specific questions and examples to introduce students to the methodology of scientific inquiry, the critical evaluation of results, and the mathematical tools used to quantify scientific information.
The College of Arts and Science’s First-Year Seminar program, a graduation requirement, has long been the centerpiece of students’ first-year academic experience in the College. Within a small classroom setting, students are exposed to college-level academic content and expectations that form the basis of a liberal arts education. By engaging with their peers and faculty in dynamic critical thinking, writing, and presentation activities, students gain core skills and research competencies that lay the foundation for success during their NYU experience and beyond. First-Year Seminars also connect students to the rich academic and cultural resources of NYU and New York City, from museums to the theatre to libraries and archives, and their small size fosters close work between students and instructors. The seminars encourage our students to develop—beginning with their very first semester in the College—as critical assessors of existing knowledge as well as of new ideas and approaches, and they equip CAS students with the skills and habits of mind they need to succeed at NYU and beyond.

**PROGRAM**

**General Information**

The First-Year Seminar is required of all entering College of Arts and Science first-year students (and is open only to them). The seminars typically range in size from 16 to 18 students.

First-Year Seminars are offered in both the fall and spring terms. Students may take the requirement in either term. The students from two thematically linked seminars are grouped together into an advising cohort of approximately 32 to 36 students, who meet as a group with their CAS academic adviser several times during both the fall and spring terms of the first year.

The selection of seminars varies from year to year, and the program aims to represent all three curricular divisions of Arts and Science (the humanities, the social sciences, and the natural sciences). Students may always find the most up-to-date offerings and descriptions at cas.nyu.edu/academic-programs/first-year-seminars.

**Policies**

Students are no longer required to petition the Committee on Undergraduate Academic Standards (or any other committee) to withdraw from (take a grade of W in) any FYSEM-UA offering. They may proceed as they would for any other course.

Students may request a grade of Incomplete (I) in a First-Year Seminar if illness, a family emergency, or other crisis prevents them from submitting (for example) a final paper on time. Incompletes are
not given automatically; students must specifically request this grade from the seminar instructor and work out a schedule and due date for turning in missing work by the end of the next semester. Students with a consistently poor attendance record in a seminar cannot request an Incomplete to avoid failing; excessive absences cannot be made up, and instructors in such cases are to give the grade of F.

Any CAS student who does not creditably complete this graduation requirement in the first year is still responsible for it, and must make up the requirement by taking a small, reading- and writing- intensive course in any CAS department (it cannot be a course in the College Core Curriculum or in one’s major or minor). Students should discuss a substitute course with their CAS advisers, who will process the substitution if approved.

**COURSES**

This is a sampling of recent seminars in the program. Except when noted, First-Year Seminars never assume any specific course or background on the student’s part.

**Language and Reality in 20th-Century Science and Literature**

FRSEM-UA 210  *Ulfers. 4 points.*

Posits a common ground between the two cultures of science and the humanities and proposes a correlation between postclassical science (e.g., quantum theory) and “postmodern” literature and philosophy. Examines Heisenberg’s “uncertainty principle” and the “undecidability” of deconstructive theory. The discussion of these notions and their implications in literary works focuses on their effect on classical logic, the referential function of language, and the traditional goal of a complete explanation/description of reality.

**Latin America at the Start of the 21st Century: Coming of Age or Continuing Chaos?**

FYSEM-UA 306  *Castañeda. 4 points.*

Focuses on longstanding problems and possible solutions to them. Topics include the absence of orderly, peaceful, and steady democratic governance following independence from colonial rule, and the consolidation of representative democracy today; the slowdown of economic growth in the last 20 years and prospects for a new economic takeoff; the phenomenon of widespread violence at a time of growing respect for human rights; and how the traditional weakness of civil society is being overcome. For each topic, there are readings dealing with its political, economic, and cultural dimensions in both past and present.

**Supreme Court and the Religion Clauses: Religion and State in America**

FYSEM-UA 218  *Sexton. 4 points.*

Should members of the Native American Church be allowed to smoke peyote at religious ceremonies? Can a public high school invite a rabbi to give a benediction and convocation at graduation? Should a state legislator rely on his or her religious convictions in forming a view about the legality of capital punishment or abortion? We divide these questions into three subject areas: religious liberty; separation of church and state; and the role of religion in public and political life. Focuses on how the Supreme Court has dealt with these areas and, more important, invites students to construct anew a vision of the proper relationship between religion, state, and society in a twenty-first-century liberal constitutional democracy.

**Journalism of War, Revolution, Genocide, and Human Rights**

FYSEM-UA 384  *Linfield. 4 points.*

We read some of the key journalistic works on these topics that have been written in the past one hundred years. How, and why, has the nature of war changed in the past century? Why do some revolutions, such as those in Eastern Europe after the fall of Communism, largely succeed, while others, such as those of the Arab Spring, fail so miserably? Why do sufferers of violence and oppression so often become perpetrators of it? What is the difference between war and genocide, and why did the latter emerge in the 20th century? Why has terrorism re-emerged with such vengeance in the past two decades? What are “human rights”—another invention of the 20th century—and how, if at all, have they become a reality?

**Science and Policy of Climate Change**

FYSEM-UA 432  *Gerber. 4 points.*

Recent years have been the warmest in recorded history. It is likely the hottest the Earth has ever been since the last interglacial period 125,000 years.
ago. The first predictions of human-induced global warming were made over a century ago, but the topic remains controversial despite the fact that the world has warmed almost 2 degrees Fahrenheit over the intervening years. Investigates observational evidence as well as the physical and mathematical foundations upon which forecasts of future climate are based. Armed with a scientific and policy background, students conduct a research project on the response to global warming—diving into the details of climate engineering, alternate energy, psychology, ethics, and/or economics—thus giving them a chance to enter the debate, and perhaps even contribute to the solution.

**What is College For?**
FYSEM-UA 474  Jordan, 4 points.
Why did you decide to attend college? To broaden your intellectual horizons and become open-minded? To gain specialized knowledge in a specific subject? To achieve a financially rewarding career? To satisfy your parents? At the beginning of the twenty-first century, current models and practices of higher education are receiving increased scrutiny. Topics for discussion: Does higher education need to redefine its academic mission? Should everyone attend college? What is the impact of new technologies? How can students, professors, and administrators all contribute to creating a successful college environment?

**Global Citizenship:**
Podcasting Global Issues
FYSEM-UA 484  Baer, 4 points.
Do all people, cultures, and countries value freedom, justice, and personal autonomy in the same way—or do some strike a different balance between protecting individuals while maintaining the common good? Globalization, which describes both the current state of interdependence among people and a mindset that tries to account for everyone on the planet, brings these questions into sharp relief. New York City is a perfect place to test whether there are indeed universal values and how different people who hold disparate values and follow diverse rules can live together. Students produce episodes for the podcast Think About It, dedicated to in-depth conversations on big ideas. They learn how to prepare for intelligent interviews through background research; how to outline questions; how to professionally record someone; and how to edit, format, and upload interviews as professional podcasts.

**Work and Family in the New Economy**
FYSEM-UA 500  Gerson, 4 points.
The rise of a globalized “new economy” has created jobs with more short-term flexibility but less long-term security. In a parallel way, the rise of more diverse options in intimate relationships has created similar uncertainties in the nature of commitments to partners and children. Taken together, these revolutionary shifts have left recent generations facing deepening conflicts between earning a living and caring for others. To explore the causes, contours, and longer-term consequences of these changes in economic and private life, we first study cutting-edge research on these contemporary trends and, second, draw on these readings as students develop and conduct original research projects on a relevant topic of their choice.

**In Search of Lost Time**
FRSEM-UA 503  Clements, 4 points.
We read Proust (in translation) as he should be read: hedonistically—with respect and admiration but also with delectation. A prodigious novel of more than 4,000 pages, In Search of Lost Time is still unparalleled in how it combines finesse and wit with raw emotion, self-examination with social history, profound psychological acuity with a dazzling portrait of the French beau monde at the outset of modernity, and how it merges an audacious explosion of literary form with explorations of memory, desire, attachment, deception, lust, jealousy, ambition, and disappointment. We move at a brisk pace through the entire work (reading assignments average 350 pages per week).

**Game Theory and the Humanities**
FYSEM-UA 506  Brams, 4 points.
Game theory is a mathematical theory of strategy that has been applied to the analysis of conflict and cooperation in such fields as economics, political science, and biology. In this seminar, we discuss more unusual applications—to history, literature, philosophy, the Bible, theology, and law. We discuss Abraham’s decision to offer his son Isaac for sacrifice; the choices made by accused witches and their persecutors in medieval witch trials; Lady Macbeth’s incitement of her husband to murder King Duncan in Shakespeare’s play; several strategic games played by presidents and their antagonists in domestic crises (e.g., the Civil War) and international crises (e.g., the Cuban missile crisis), and coping mechanisms used by characters in catch-22 games (including those in Joseph Heller’s novel Catch-22).

**Xenophon of Athens**
FYSEM-UA 514  Renzi, 4 points.
The greatest ancient you’ve never heard of, Xenophon of Athens (c. 425-355 B.C.E.) was a brilliant general, a student of Socrates, and a renowned author. When knowledge of Greek was still required for admission to college, his fame was ubiquitous, as his writings formed the basis of the college prepa-
ratory curriculum. Particular attention is given to Xenophon’s literary style and technique, his invention of new literary genres and innovations as a writer of Socratic discourses, and issues of adaptation, as well as to his characterization of Socrates, depictions of women and non-Greek peoples and slaves, theory of leadership, and political thought. Readings, in English translation: Apology of Socrates, Symposium, Memorabilia, Cyropaedia, Cavalry Commander, Anabasis, and the film based on the latter, The Warriors—with a CAS connection—set in 1979 C.E. New York City.

After the End: Post-Apocalypse Novels in the 20th and 21st Centuries
FYSEM-UA 598  Hoover. 4 points.
Many authors have speculated about what would happen if (most) humans were destroyed. Authors have removed humans by natural disasters, or have imagined alien invasions, plagues, epidemics, agricultural collapses, and reproductive failure. More recently, humans themselves have become popular as causes of apocalypses because global thermonuclear war, lethal pollution, disastrous over-population, genetic engineering, and climate change have become realistic possible scenarios for the collapse of our species. We pay special attention to apocalypses that have implications for the nature of human society and human society. Some treat an apocalypse as a kind of thought-experiment; some focus more on the collapse of human institutions, culture, morality, and religion; others on the challenges the survivors face; and still others address the potential for the re-creation of human society or the creation of an alternative kind of society.

#BlackLanguageMatters
FYSEM-UA 634  Blake. 4 points.
The many ways African Americans use language to express their personal and community identities. We study the linguistic structure of African American English and theories about its origins. We explore how language is used to convey social identity—particularly regarding race and ethnicity—and make meaning of one’s life. Issues addressed include language variation, language contact and change, and social and linguistic discrimination. Finally, we consider African American English as a nexus of ideas on race, identity, sexuality, violence, and equality in the United States and abroad, with reference to Cornel West’s Race Matters (1994) and the more recent #BlackLivesMatter movement.

Adventures in Interviewing: Oral History Theory and Practice
FYSEM-UA 701  Grey, Nyhan. 4 points.
Oral history is compelling in its ability to bring forward the voices of those who were frequently excluded from more typical sources and it often leads to new interpretations of history. As a method it presents both challenges and rewards, as the sources are not confined to the library or an archive. In the process of interviewing, the historian is confronted by sources that speak, think, remember, forget, and recount—human beings. Explores theories of memory, how memory is constructed and forgotten, and how historians contend with this type of source. Preparing for and conducting an oral history interview will be a significant portion of students’ work.

Crystallization in Life: Stories about Shells, Bones, and Kidney Stones
FYSEM-UA 714  Prerequisites: Advanced Placement examination credit in Chemistry, and in either Calculus or Biology. An. 4 points.
Introduces the world of biomineralization, the branch of chemistry that deals with crystal formation under the influence of biomolecules. Studies the fundamentals of crystal formation, crystal properties, and the structure of crystals surrounding us. Begins with solution chemistry, crystallization theory, and various aspects of the crystallization process in nature and then moves on to the specific case studies of the title, with attention to biomolecules (proteins, lipids, etc.) and their roles in controlling the crystallization process. Understanding the biomineralization process in the formation of kidney stones can lead to preventative drug development, which illustrates a practical application of the field in biomedical science. In addition, studying the crystallization process in nature can lead to new bioinspired materials, such as optical fibers.

Nature vs. Nurture: The Neurobiology of Individuality
FYSEM-UA 732  Kaplow. 4 points.
Psychologists, biologists, philosophers, and neuroscientists have historically questioned the impact of heredity vs. the environment in shaping the uniqueness of individuals. Modern scientists have arrived at a consensus whereby both genes and experience contribute to distinct behaviors. Indeed, “nature” and “nurture” are not isolated components. Understanding the constant and complex interaction between the two is the key to unlocking the mysteries of animal and human behaviors. We examine the nature vs. nurture debate over time by studying Darwin and Lamarck, as well as novel genetic tools that explore the interaction between DNA and the environment and papers treating the topic of genes and behavior. Students write research papers on topics and in a style accessible to the general public.
Heroic Journeys: Homer, Vergil, Dante
FYSEM-UA 753 Santirocco. 4 points.
Homer’s Odyssey, Vergil’s Aeneid, and Dante’s Inferno span two millennia and very different cultures—archaic Greece at the dawn of literature, pagan Rome of the first century B.C.E., and Florence during the Christian Middle Ages. Reflecting very different social, political, and religious values, they explore very different visions of what it means to be human, particularly with regard to the individual’s role in society and the individual’s relationship to the divine. But for all their differences, the three poems self-consciously engage with one another, building on, competing with, and correcting their predecessors’ visions. Thus, all are cast as journeys by a hero, and these journeys are both literal and metaphorical. All three also involve a descent into the underworld, from which the hero is, in a sense, reborn with a greater understanding and a new sense of purpose. Emphasizes close reading and discussion of the three poems, as well as development of research skills.

Seeing the Universe
FYSEM-UA 758 Weiner. 4 points.
The universe is full of stuff, but our ability to see it is quite limited. Discusses the universe we can see (and how we see it), as well as how to make visible the universe we cannot see. Examines how we see with different forms of light and also other ways of seeing, such as relying on neutrinos and gravity. Questions include: How can we observe the early universe or things like dark matter? Does it make sense to talk about the reality we cannot see, such as what lies beyond the observable universe? Provides a basic grounding in the history of the cosmos.

Happiness in Film
FYSEM-UA 781 Cortade. 4 points.
Draws on a variety of sources and disciplines, including cinema studies, history, philosophy, positive psychology, ethology, and cultural studies. Views the notion of “happiness” through the lens of different historical and cultural contexts, and considers how film techniques are used in those contexts to convey positive emotions. Topics include: the transformation and rebirth of heroes in myths and fairy tales in film; the building of the self away from social determinisms; “happy endings” in classical Hollywood cinema, including comedies and musicals; the politics of happiness, race, class, and gender in world cinema; happiness and the practice of frugality; and the building of common ground across communities, nations, and species.
OVERVIEW

The program in Africana studies at New York University, part of the Department of Social and Cultural Analysis (SCA), is a multi-continental and interdisciplinary program devoted to scholarship on the histories, political and cultural movements, literatures, institutions, economies, and identities of Africans and the African Diaspora across the globe. Africa’s own overlapping modernities and the transnational migrations of its peoples—whether forced or voluntary—have complicated the meanings of “black” and “African” identities and experiences, prompting us to rethink the geographical boundaries and conceptual paradigms surrounding the production of knowledge about Africa and its diasporic communities in the 21st century. Accordingly, the program is a site for cross-cultural teaching and research in the histories, cultures, economies, politics, and practices of African Diasporas in Africa, the Americas (North and South), the Caribbean, Europe, the Asia-Pacific region, and the Middle East.

NYU’s study away center in Ghana offers a rare opportunity for undergraduates to study in Africa. A range of Africana studies courses has been developed and is offered at NYU Accra (visit nyu.edu/accra).

The program maintains close relationships with the community programming and research activities of NYU’s Institute of African-American Affairs and Africa House.

Africana studies offers programs leading to B.A., B.A./M.A., and M.A. degrees, as well as a suite of joint M.A. programs with journalism, economics, and museum studies.

PROGRAM

Major

The Africana studies major requires nine 4-point courses (36 points) completed with a grade of C or better.
Two introductory courses—may be taken in either order:  
- Social and Cultural Analysis 101 (SCA-UA 101)  
- Cultures and Contexts: The Black Atlantic (CORE-UA 534), but only when taught by SCA faculty.

Six elective courses:  
- Six designated Africana studies electives, of which four must be taught by SCA faculty.  
- SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective; one African language course can count as an elective if taught by SCA faculty.

One research course:  
- Advanced Research Seminar (SCA-UA 90)

Minor

Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in Africana studies. Students must take Cultures and Contexts: The Black Atlantic (CORE-UA 534), but only when taught by SCA faculty. They also take four designated Africana studies elective courses, of which two must be taught by SCA faculty. One African language course can count as an elective if taught by SCA faculty.

Language and Linguistic Competency

The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. Studying the modern incarnation of these languages also reveals the cross-cultural and historical forces that have shaped them. The department therefore strongly encourages its students to develop advanced skills in Swahili, Twi, Yoruba, and/or any of the indigenous languages spoken in Africa, or creole languages (e.g., Haitian Creole) spoken throughout the African Diaspora. This can be achieved by any of the following means: taking elective courses in sociolinguistics; studying these languages beyond the minimum level required by the College of Arts and Science; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research away, especially at the NYU Accra site, in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses

Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program

Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about the honors program can be found at as.nyu.edu/sca/current-students/honors-program.
COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101 Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

Please note that the following CORE-UA course counts as introductory only when offered by SCA faculty:

Cultures and Contexts: The Black Atlantic
CORE-UA 534 Offered every fall. 4 points.
See description under College Core Curriculum in this Bulletin.

Research Core

Advanced Research Seminar
SCA-UA 90 Prerequisite: Social and Cultural Analysis 101 (SCA-UA 101) or Cultures and Contexts: The Black Atlantic (CORE-UA 534). Offered every semester. 4 points.
Students write a 20-25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Program

Senior Honors Seminar
SCA-UA 92 Prerequisites: 3.65 GPA or higher (both overall and in the major), Social Analysis 101 (SCA-UA 101), and permission of the department. Offered every fall. 4 points.
Senior Honors Thesis
SCA-UA 93 Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program
The 4-point internship program complements and enhances the formal course work of the Africana studies major. Students intern at agencies dealing with a range of issues pertaining to Africana studies and take a corequisite seminar that enables them to focus the work experience in meaningful academic terms. The goals of the internship are threefold: (1) to allow students to apply the theory they have gained through course work, (2) to provide students with analytical tools, and (3) to assist students in exploring professional career paths. The internship is open to juniors and seniors and requires an interview and permission of the department.

Elective Courses

Race, Football, and American Culture
SCA-UA 153 4 points.
The evolution of American football into a mirror of black life and politics and a reflection of race relations in American culture. Student writing and research explores the growth of football as a vehicle and model for black protest and support for movements such as Black Lives Matter. Attendance at two football games is required.

The Black Body and the Lens
SCA-UA 155 4 points.
Explores the range of ideas and methods used by critical thinkers in addressing the body in photography, video, music, and film. Considers the construction of beauty, gendered images, race, and hip-hop culture. The historical gaze and the interplay between the historical and the contemporary, between self-presentation and imposed representation, are fundamental to our discussions. Final projects include an imaging project and/or a written essay.

Hip Hop and Politics
SCA-UA 157 4 points.
Besides realizing the worst fears of a previous generation who placed its hopes in the aspirations of 60s-era social movements, this new generation’s fashion sensibilities, technological savvy, and strategies for commodifying blackness suggest a demographic now more concerned with the economics of globalization than the political economy of race. We interrogate the specific generational tensions that structure popular and intellectual discourses concerning the “hip-hop generation” and the perceived demise of contemporary black politics.

Race and Reproduction
SCA-UA 158 4 points.
Examines the connections between gender, racial ideology, and history of medicine to consider the range of ways that reproduction—medically, culturally, and experientially—produces and troubles racial ideology. Cross-cultural breadth will help us to consider the
relationship between biological experiences (which are often portrayed as universal) and socio-cultural context. We locate biology within a wider set of issues around social reproduction and the practices of motherhood, and both illuminate and problematize the connections between technologies and politics of biology and difference.

**Topics in Africana Studies**

SCA-UA 180 4 points.

Explores specific issues dealing with the black urban experience, focusing on social and cultural institutions. Possible themes, which vary from semester to semester, include class and poverty, the police, urban development, education, sports, music, and art.

**Independent Study**

SCA-UA 197, 198 Prerequisite: permission of the program director. Offered every semester. 1 to 4 points per term.

**Language Courses**

**Elementary Swahili I, II**

SCA-UA 121, 122 4 points per term.

A Bantu language with a rich oral and written tradition that is spoken by about 100 million people from Somalia to Mozambique and Zanzibar. Students are drilled in phonetics and grammar and introduced to poems, songs, and oral narratives. Elementary II furthers students’ conversational ability and understanding of grammatical concepts.

**Intermediate Swahili I, II**

SCA-UA 123, 124 4 points per term.

Builds on the basic knowledge of pronunciation, vocabulary, useful expressions, and fundamental grammatical features attained at the introductory level. Aims to strengthen reading, writing, and conversation skills by accessing a wide range of grammatical and literary knowledge of the language, its cultural context, and literary genres. Intermediate II enables students to communicate entirely in Kiswahili and read it fluently.

**Elementary Yoruba I, II**

SCA-UA 182, 183 4 points per term.

Yoruba is a language spoken in West Africa by approximately 20 million people. An intensive introduction focusing on the fundamentals of language and including the people and their cultural practices. Intended for students without prior knowledge, emphasizing spoken and written Yoruba as used in present-day West Africa in various cultural contexts.

**Related Courses**

The following courses count as faculty electives for the Africana studies major and minor. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**AMERICAN STUDIES**

**Justice Lab**

SCA-UA 19 2 points.

**Work, Labor, and Power**

SCA-UA 221 4 points.

**Comparative Ethnic Studies**

SCA-UA 224 4 points.

**Intersections: Race, Gender, and Sexuality in U.S. History**

SCA-UA 230 4 points.

**Ethnicity and the Media**

SCA-UA 232 Identical to ANTH-UA 232. 4 points.

**The Criminal Justice State**

SCA-UA 235 4 points.

**Race and the American Right**

SCA-UA 236 4 points.

**Social Movements and Alternative Futures**

SCA-UA 237 4 points.

**Disability and Sexuality in American Culture**

SCA-UA 238 4 points.

**ASIAN/PACIFIC/AMERICAN STUDIES**

**The Constitution and People of Color**

SCA-UA 366 4 points.

**Reading Race and Representation**

SCA-UA 368 4 points.

**LATINO STUDIES**

**Afro-Latino Culture and History**

SCA-UA 565 4 points.

**Caribbean Women Writers**

SCA-UA 570 4 points.

**METROPOLITAN STUDIES**

**Governing New York City**

SCA-UA 636 4 points.

**Race and the Neoliberal Metropolis**

SCA-UA 614 4 points.

**Cross-Listed Electives**

Majors and minors may take no more than two courses from this category. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**ART HISTORY**

**Arts of Africa**

SCA-UA 787 Identical to ARTH-UA 560. 4 points.
ENGLISH
18th- and 19th-Century African American Literature
SCA-UA 783  Identical to ENGL-UA 250. 4 points.

20th-Century African American Literature
SCA-UA 784  Identical to ENGL-UA 251. 4 points.

Contemporary African American Fiction
SCA-UA 786  Identical to ENGL-UA 254. 4 points.

Introduction to African Literature
SCA-UA 839  Identical to ENGL-UA 175. 4 points.

HISTORY
Women and Slavery in the Americas
SCA-UA 730  Identical to HIST-UA 660. 4 points.

History of Contemporary Africa
SCA-UA 791  Identical to HIST-UA 567. 4 points.

African American History to 1865
SCA-UA 795  Identical to HIST-UA 647. 4 points.

African American History Since 1865
SCA-UA 796  Identical to HIST-UA 648. 4 points.

Modern African History
SCA-UA 808  Identical to HIST-UA 65. 4 points.

Africa Before Colonialism
SCA-UA 809  Identical to HIST-UA 65. 4 points.

Black Women in America
SCA-UA 861  Identical to HIST-UA 661. 4 points.

JOURNALISM
Journalism and Society: Minorities and the Media
SCA-UA 702  Identical to JOUR-UA 503. 4 points.

LINGUISTICS
African American Vernacular English
SCA-UA 799  Identical to LING-UA 23. 4 points.

Language of American Ethnic Minorities
SCA-UA 847  Identical to LING-UA 47. 4 points.

SOCIOLOGY
Race and Ethnicity
SCA-UA 803  Identical to SOC-UA 135. 4 points.

STEINHARDT SCHOOL OF CULTURE, EDUCATION, AND HUMAN DEVELOPMENT
American Dilemmas: Race, Inequality, and the Unfulfilled Promise of Education
SCA-UA 755  Identical to TCHL-UE 41. 4 points.

TISCH SCHOOL OF THE ARTS
Theatre of the Black Atlantic
SCA-UA 835  Identical to THEA-UT 741. 4 points.
MAJOR/MINOR IN
American Studies

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212-992-9650

Chair of the Department of Social and Cultural Analysis
Professor Morgan

Director of Undergraduate Studies,
Department of Social and Cultural Analysis
Associate Professor Saranillio

OVERVIEW

American studies at NYU is one of the country’s top-ranked programs in this dynamic field. An interdisciplinary program housed in the Department of Social and Cultural Analysis, it studies United States society in national, hemispheric, and global frameworks. It draws on faculty strength in a wide range of fields, including history, area studies, literature and film, gender studies, critical ethnic studies, political economy, and urban and environmental studies. The program interprets “American” in a broad sense to include assessments of the historical role of the United States in the Americas and, more generally, in world affairs. Students are exposed to a range of methodologies in the social sciences and humanities, including ethnography, textual analysis, archival research, and cultural studies.

FACULTY

Professors Emeriti
Harper, Molotch, Rosaldo, Stacey, Walkowitz

Silver Professors
Dinshaw, Livingston, Sugrue

University Professor
Willis

Professors
Amkpa, Dávila, Duggan, Gopinath, Johnson, Morgan, Parikh, Pellegrini, Ross, Saldaña, Singh, Sugrue, Tu, Zaloom

Associate Professors
Beltrán, Blake, Dent, Ralph, Sandhu, Saranillio

Assistant Professors
Gonick, Lee

Instructor
Hui

PROGRAM

Major

The American studies major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses—may be taken in either order:
• Social and Cultural Analysis 101 (SCA-UA 101)

• One of the following:
  ○ Approaches to American Studies (SCA-UA 201)
  ○ Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230)

Six elective courses:
• Six designated American studies courses, four of which must be taught by SCA faculty.
• SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective.

One research course:
• Advanced Research Seminar (SCA-UA 90)

Minor
Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in American studies. Students must take either Approaches to American Studies (SCA-UA 201) or Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230), plus four designated American studies electives taught by SCA faculty.

Language and Linguistic Competency
The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. The department therefore strongly encourages its students to develop advanced skills in language and linguistics by any of the following means: taking elective courses in sociolinguistics; studying a language other than English beyond the minimum level required by the College of Arts and Science; studying languages especially germane to the department’s fields of study; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research away in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses
Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program
Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about honors can be found at sca.as.nyu.edu/object/sca.related.honors.

COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101  Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.
Approaches to American Studies
SCA-UA 201  Offered every fall. 4 points.
Serves as a gateway to lines of inquiry and analysis currently animating interdisciplinary study of “America” and as an opportunity to relate current debates to their historical contexts. Key themes: the role of broad historical forces including capitalism, empire, settler colonialism and nationalism, and of social formations including race, gender, sexuality, disability, religion, and citizenship; the US in global/transnational context; labor, migration, urbanism and social protest, and popular culture and the culture industries.

Intersections: Race, Gender, and Sexuality in U.S. History
SCA-UA 230  4 points.
Examines how gender, race, and sexuality shaped cultural and political policies and debates in such case studies as the Salem witch trials; slavery, abolition, and lynching; U.S. imperialism in Puerto Rico and Hawaii; the politics of welfare and reproduction; cultural constructions of manliness, masculinity, and citizenship; and responses to the AIDS pandemic in a global context.

Research Core

Advanced Research Seminar
SCA-UA 90  Prerequisite: either Social and Cultural Analysis 101 (SCA-UA 101) or Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230). Offered every semester. 4 points.
Students write a 20–25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Program

Senior Honors Seminar
SCA-UA 92  Prerequisites: 3.65 GPA or higher (both overall and in the major), Social and Cultural Analysis 101 (SCA-UA 101), and Higher (both overall and in the major), Social Science Analysis 92 (SCA-UA 92), Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

Senior Honors Thesis
SCA-UA 93  Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program
The 4-point internship program complements and enhances the formal course work of American studies majors. Students intern at agencies dealing with a range of issues pertaining to their major and take a corequisite seminar that enables them to focus the work experience in meaningful academic terms.
The goals of the internship are threefold: (1) to allow students to apply the theory that they have gained through course work, (2) to provide students with analytical tools, and (3) to assist students in their exploration of professional career paths. The internship program is open to juniors and seniors and requires an application, an interview, and permission of the department.

Elective Courses

Justice Lab
SCA-UA 19  2 points.
Focuses on understanding key points of social and political contention in the contemporary United States. Topics: overseas war, ecological crisis, extra-judicial violence, economic inequality, reproductive rights, and the threat of deportation. Students engage in collaborative decision-making to develop action-oriented strategies and tactics.

Work, Labor, and Power
SCA-UA 221  4 points.
Presents an overview of changing attitudes toward work and labor. Covers patterns of agrarian, industrial, and post-industrial production, gendered and racialized segmentation of labor, and worker organization. Scope runs from colonial agriculture to today’s digital labor landscape. The overarching framework is one in which work is utilized as a medium of power (and counter-power) in society. Primary readings are central, but students are encouraged to make connections to events and experiences in today’s world of work.

Comparative U.S. Ethnic Studies
SCA-UA 224  4 points.
Serves as an introduction to the interdisciplinary study of race and ethnicity in the United States and to the range of identities and issues inherent in American culture. No previous knowledge of ethnic studies is presumed.

Ethnicity and the Media
SCA-UA 232  Identical to ANTH-UA 232. 4 points.
Surveys theoretical approaches to the study of images, paying particular attention to the intersection of history and ideologies or representation. Examines the nature and politics of stereotypes and their reproduction through discourses, representations, and practices. Media representations of four minority groups—African American, Asian, Latino, and Native American.

Cultures and Economies
SCA-UA 234  4 points.
Considers the cultural construction of “the economy” and the economic basis for cultural practices and policies. Examines the 20th century evolution from the rise of corporate capitalism,
through the Depression and the New Deal, to the rise and challenges of neoliberal policy shifts, financialization, and accelerated globalization since the 1970s. Particular focus on the dynamics of “crisis,” both as an economic and as a cultural phenomenon.

**The Criminal Justice State**  
SCA-UA 235 4 points.  
Explores the political and institutional origins of the American carceral state from the early 20th century to today. Reviews current political, institutional and societal developments arising from the expansion of the carceral state. Explores political and institutional responses to “moral panics” engendered by immigration, race, ethnicity, gender, and class. Examines policies such as felon disenfranchisement, private prisons and detention centers, and proposed criminal justice reforms.

**Race and the American Right**  
SCA-UA 236 4 points.  
The rise of the modern conservative movement in America and the central role that race has played in shaping the strategies, rhetoric, and policies of the modern right since the middle of the 20th century. Topics: electoral realignment and the Southern Strategy, the Trump phenomenon, the religious right, the rise of right-wing women, and the growing role of Latino and African American conservatives within the GOP.

**Social Movements and Alternative Futures**  
SCA-UA 237 4 points.  
Examines the political dreams of alternative futures emerging from various social movements both past and present. Considers the specific conditions leading to desires for transformation while questioning how the aims of differently marginalized groups can collide with one another. Topics: Indigenous movements, anticolonial movements, queer futurity, the black radical tradition, Asian American movements, and Occupy Wall Street.

**Disabilities and Sexuality in American Culture**  
SCA-UA 238 4 points.  
Examines major strands of disability theory, relating them to and understanding them through disability history, lived experience, activist movements, and cultural production. Analyzes cultural meanings of disability and ability in mainstream and independent film, television, memoir, popular literature, and stand-up comedy. Through the lenses of queer, disability, and feminist theory, we not only interrogate the issue of sexuality in the lives of people with disabilities, but also think critically about the role of disability in constructing norms of gender and sexuality.

**Couture/Culture: Fashion and Globalization**  
SCA-UA 253 4 points.  
Explores fashion’s contested histories; its modes of production, consumption, and address; and its relationship to colonial enterprises. Topics (considered against the background of globalization) include the social uses of fashion; the fashion cycle (use, reuse, discard); the relationship between dress and the body; feminist critiques of fashion; the politicization of clothing (from ethnic dressing to green clothing); and the links between style consumption and garment production.

**Topics in American Studies**  
SCA-UA 280 4 points.  
In-depth study of a particular problem or research area within American studies. See course schedule for current topic.

**Related Courses**  
The following courses count as faculty electives toward the American studies major and minor. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**AFRICANA STUDIES**  
Race, Football, and American Culture  
SCA-UA 153 4 points.

**The Black Body and the Lens**  
SCA-UA 155 4 points.

**Hip Hop and Politics**  
SCA-UA 157 4 points.

**Race and Reproduction**  
SCA-UA 158 4 points.

**ASIAN/PACIFIC/AMERICAN STUDIES**  
Asian-American Literature  
SCA-UA 306 4 points.

**Filming Asian America: Documenting Community**  
SCA-UA 361 4 points.

**The Constitution and People of Color**  
SCA-UA 366 Offered every year. 4 points.

**Reading Race and Representation**  
SCA-UA 368 4 points.

**Critical Indigenous Theory and Settler Colonialism**  
SCA-UA 372 4 points.

**Food, Land, and Power**  
SCA-UA 375 4 points.

**Topics in A/P/A Studies**  
SCA-UA 380 Offered every semester. 4 points.

**Introduction to Native American and Indigenous Studies: The Politics of Indigeneity**  
SCA-UA 747 Identical to ANTH-UA 747, HIST-UA 747. 4 points.
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<thead>
<tr>
<th>COURSE</th>
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<tr>
<td><strong>GENDER AND SEXUALITY STUDIES</strong></td>
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<td>Queer NYC</td>
<td>SCA-UA 421</td>
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<td>Queer Cultures</td>
<td>SCA-UA 450</td>
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<td>Gender and Performance</td>
<td>SCA-UA 455</td>
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<tr>
<td>Theories of Gender and Sexuality</td>
<td>SCA-UA 472</td>
<td>4 points</td>
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<tr>
<td>Queer Histories</td>
<td>SCA-UA 475</td>
<td>4 points</td>
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<tr>
<td>Gender, Globalization, and Politics of KPOP</td>
<td>SCA-UA 476</td>
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<tr>
<td>Topics</td>
<td>SCA-UA 481</td>
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<tr>
<td>Queer Literature</td>
<td>SCA-UA 482</td>
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<tr>
<td>Topics in Gender and Sexuality Studies</td>
<td>SCA-UA 493</td>
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<td>Latinx Art and Visual Culture</td>
<td>SCA-UA 533</td>
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<td>SCA-UA 548</td>
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<td>SCA-UA 562</td>
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<td>SCA-UA 570</td>
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<td>SCA-UA 572</td>
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<tr>
<td>Topics in Metropolitan Studies</td>
<td>SCA-UA 680</td>
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<td>Latino/a Art and Performance in New York City</td>
<td>SCA-UA 532</td>
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</table>
The undergraduate program in ancient studies is part of the Center for Ancient Studies. It offers a minor, the chief intent of which is to allow students to do significant and structured interdisciplinary work in ancient studies and to acquire an understanding of several ancient civilizations and the ways in which they are examined and analyzed. The adviser for the minor is responsible for ensuring that each student’s program of study remains coherent and logical, although there is considerable flexibility within the bounds of the requirements. Courses may be selected that deal with different periods and methodological approaches, as well as a variety of geographical areas that the requirements demand. Each student’s course of study is designed on an individual basis, in accordance with his or her needs and interests.

A number of CAS departments and programs, as well as institutes and centers, are directly involved in this program: anthropology, art history, classics, comparative literature, East Asian studies, English, Hebrew and Judaic studies, history, Irish studies, linguistics, Middle Eastern and Islamic studies, and the Alexander S. Onassis Program in Hellenic Studies. The minor consists of five 4-point courses, which are normally selected from the appropriate offerings of these departments and programs. All five of the courses selected must be offered by departments other than the student’s major department, and no more than two may be taken in any one department.

Students are furthermore expected to examine at least three different civilizations or cultures in completing this minor. Language courses may not be used to fulfill the requirements of this minor. If desired, students who choose this minor may complete, as a capstone experience, an independent study course, which is normally the fifth course taken for the minor. The adviser for the ancient studies minor may assist students in designing a project and in finding an appropriate faculty member to direct this independent study.

MINOR IN
Animal Studies

OVERVIEW
The animal studies minor provides a wide range of electives in environmental studies, philosophy, sociology, marine biology, art and literary studies, and law and policy. The animal studies minor can be combined with any major and will help students develop strengths in a variety of academic and professional fields.

FACULTY

Professors
Chaudhuri (English; Drama/Tisch)
Jamieson (Environmental Studies)
Jerolmack (Environmental Studies and Sociology)

Associate Professor
Jacquet (Environmental Studies)

Assistant Professor
Hayek (Environmental Studies)

Clinical Professor
Schlottmann (Environmental Studies)

Clinical Associate Professors
Athanassakis (Environmental Studies and English)
Sebo (Environmental Studies)

PROGRAM

Minor
To complete a minor in animal studies, students must receive a grade of C (2.0) or better in four of the following 4-point courses (16 points):

- Animals and Society (ANST-UA 200/ENVST-UA 610/SOC-UA 970)
- Primate Communication (ANST-UA 257/ANTH-UA 59)
- Introduction to Marine Ecology and Conservation (ANST-UA 323/ENVST-UA 323)
- Making Art in the Anthropocene (ANST-UA 393/ENVST-UA 593/THEAT-UT 801)
- Ethics and Animals (ANST-UA 400)
- Animal Minds (ANST-UA 410)
- Food, Animals, and the Environment (ANST-UA 440/ENVST-UA 440)
- Literature and the Environment (ANST-UA 475/ENVST-UA 675)
- Animals and Public Policy (ANST-UA 500/ENVST-UA 630)
- Topics in Animal Studies (ANST-UA 600)
- Primate Behavioral Ecology (ANTH-UA 54)
- Comparative Biology of Living Primates (ANTH-UA 56)
- Prehistoric Art and Symbolic Evolution (ANTH-UA 212)
- Texts and Ideas: Topics—either Animal Humans or Of Beasts and Books (CORE-UA 400)
- Topics in Performance Studies: Animal Rites (DRLIT-UA 301)
- Animals, People, and Those in Between (ITPG-UT 2746)
To declare a minor in animal studies, contact the adviser for animal studies at [animal.studies. advising@nyu.edu](mailto:animal.studies. advising@nyu.edu).

### COURSES

<table>
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<tr>
<th>Course Title</th>
<th>Code</th>
<th>Prerequisites</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Animals and Society</strong></td>
<td>ANST-UA 200</td>
<td>Identical to ENVST-UA 610 and SOC-UA 970. Jerolmack. 4 points.</td>
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<tr>
<td>How relationships with animals reflect and shape social life, culture, and how people think about themselves. Explores the myriad and contradictory positions that animals occupy in society and deconstructs the social origins of these seemingly natural categories. How humans and animals coordinate interaction without language.</td>
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<tr>
<td><strong>Primate Communication</strong></td>
<td>ANST-UA 257</td>
<td>Identical to ANTH-UA 59. Prerequisite: Human Evolution (ANTH-UA 2). Higham. 4 points.</td>
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<tr>
<td>Topics include signals and cues, signal honesty, concepts of signal information content and evolutionary signal design, communication in different sensory modalities, and the evolution of language.</td>
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<tr>
<td><strong>Introduction to Marine Ecology and Conservation</strong></td>
<td>ANST-UA 323</td>
<td>Identical to ENVST-UA 323. Jacquet. 4 points.</td>
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<tr>
<td>Analyzes several aspects of our oceans, with particular emphasis on human impacts, and examines some recent major threats, including lack of governance for the high seas, deep-sea mining, and the effects of climate change on aquatic animals. Focus on ecological relationships between marine organisms and their environment, with the introduction of humans as marine predators and ecological disturbers.</td>
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<tr>
<td>Prior artistic training/practice is not required, but artistic and creative work is expected. Examines “post-humanist” theories of species, ecology, and matter, as well as a variety of literary, cinematic, and visual art works reflecting them. Students use space, objects, movement, sound, imagery, and writing to explore the aesthetic implications of these theoretical ideas.</td>
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<tr>
<td><strong>Ethics and Animals</strong></td>
<td>ANST-UA 400</td>
<td>Sebo. 4 points.</td>
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<tr>
<td>Examines how animals have been denied/granted moral status and the significance of human/animal differences. Surveys the main philosophical moral theories in animal ethics and the practical issues surrounding our varied relationships with and use of animals. Considers whether animals should have legal rights, and the best strategies to protect them.</td>
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<tr>
<td><strong>Food, Animals, and the Environment</strong></td>
<td>ANST-UA 440</td>
<td>Identical to ENVST-UA 440. Offered every spring. Schlottmann. 4 points.</td>
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<tr>
<td>Studies human interaction with both food and animals and the environmental impacts and ethical issues that arise from such interaction. Focuses on the moral standing of animals, animals as food, and the environmental impacts of agriculture, transportation, and consumption.</td>
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<tr>
<td><strong>Literature and the Environment</strong></td>
<td>ANST-UA 475</td>
<td>Identical to ENVST-UA 675 and ENGL-UA 675. Topics determine prerequisites. Athanassakis. 4 points.</td>
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<tr>
<td>Topics vary.</td>
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<tr>
<td><strong>Animals and Public Policy</strong></td>
<td>ANST-UA 500</td>
<td>Identical to ENVST-UA 630. Offered every fall. Wolfson. 4 points.</td>
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<tr>
<td>Considers how public policy is created, how social change occurs, and the influence of science, government, business, and non-governmental organizations on animal-related policies, legislation, litigation, and consumer campaigns, as well the meaning of “animal rights” and the impact of the modern animal protection movement.</td>
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<tr>
<td><strong>Topics in Animal Studies</strong></td>
<td>ANST-UA 600</td>
<td>Prerequisites vary. Offered every spring. Chaudhuri, Jacquet, Jamieson, Jerolmack, Schlottmann, Sebo, Wolfson. 4 points.</td>
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<tr>
<td>Employs social science, natural science, and/or humanistic perspectives to consider animals’ interaction with humans, their environment, and one another.</td>
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Topics in Animal Studies
ANST-UA 650  Prerequisites vary. 1-4 points.
Employs social science, natural science, and/or humanistic perspectives to consider animals’ interaction with humans, their environment, and one another.

Related Courses
Many of these courses have prerequisites, which are noted in the course descriptions under the sponsoring departments in this Bulletin.

ANTHROPOLOGY
Primate Behavioral Ecology
ANTH-UA 54  4 points.

Comparative Biology of Living Primates
ANTH-UA 56  4 points.

COLLEGE CORE CURRICULUM
Texts and Ideas: Animal Humans
CORE-UA 400  4 points.

Texts and Ideas: Of Beasts and Books
CORE-UA 400  4 points.

DRAMATIC LITERATURE
Topics in Performance Studies: Animal Rites
DRLIT-UA 301  4 points.

TISCH SCHOOL OF THE ARTS
Animals, People, and Those in Between
ITPG-UT 2746  4 points.
OVERVIEW

The Department of Anthropology is one of the country’s leading graduate and undergraduate centers for cultural anthropology, archaeology, linguistic anthropology, and biological anthropology—the four principal subfields studied in the undergraduate curriculum. The department considers its greatest assets to be the various individual areas of faculty expertise: archaeological specialties such as medieval archaeology and European, Near Eastern, and South Asian prehistory; biological anthropology areas such as molecular primatology, primate behavioral ecology, and paleoanthropology; linguistic anthropology foci such as discourse analysis and language socialization; and sociocultural anthropology specialties such as the ethnography of North America, Africa, India, China, the Near and Middle East, Russia and the former Soviet Union, the Caribbean, Latin America, Europe, Australia, and the South Pacific. Major theoretical emphasis is on the systems of thought and symbolic representation of the self and society; the relation between female and male domains of interaction; changing patterns of social organization and hierarchy within small-scale societies, urban settings, and bureaucratic institutions; medical anthropology; evolutionary approaches to the study of primate and human origins; religion; art; science studies; race and ethnicity; and the problem of ethnographic representation in film and other media.

Departmental resources include an extensive film and video collection as well as teaching and research labs for archaeology, linguistic anthropology, and biological anthropology, which can be used for research by advanced undergraduates. A departmental colloquium series and an undergraduate student association welcome undergraduate participation. The department participates in the University’s Hagop Kevorkian Center for Near Eastern Studies, the Center for Latin American and Caribbean Studies, the Jordan Center for the Advanced Study of Russia, the Institute for French Studies, the Center for Religion and Media, the Center for the Study of Human Origins, the Institute for Study of the Ancient World, the Program in Museum Studies, and the Center for Media, Culture, and History.

Formal and informal cooperative arrangements with museums, zoos, and other academic institutions in the greater New York area place at students’ disposal a group of anthropological scholars, materials, and resources unparalleled in the country.

FACULTY

Professors Emeriti
Beidelman, Disotell, Gilsenan, Jolly, Martin, Rapp, Rosaldo, Schieffelin, Wright

David B. Kriser Professor of Anthropology
Ginsburg

Silver Professors; Professors of Anthropology
Harrison, Myers

Professors
Bailey, Crabtree, Dávila, Grant
Fields of Inquiry

**Sociocultural anthropology** is the study of social organization and the systems of thought and values that both reflect and inform social practice in different cultures. Sociocultural anthropology is interdisciplinary in orientation, analyzing and synthesizing religious, artistic, economic, and political practices through the common medium of culture. Traditionally, cultural anthropology emphasized the study of small-scale societies in non-Western settings. Contemporary sociocultural anthropology maintains such interests but increasingly applies its insights and methods to urban and industrialized societies and attends more closely to the production of culture. An emphasis of the department is the ethnographic study of cultural, social, and political processes that shape our lives and those of other people, especially as we are drawn together and influence one another in increasingly transnational and global interactions.

**Linguistic anthropology** focuses on how language is interpreted and used in cultural contexts. Language use is socially organized, and it is a key to understanding the ways in which speakers create and change social realities. Studied within historical as well as cultural frameworks and in relation to other social institutions (e.g., politics, education, law, medicine), variation in ways of speaking language(s) adds to our understanding of how social categories such as ethnicity, race, and gender are interactionally constituted across contexts, cultures, and societies.

**Archaeological anthropology** uses artifacts and other material remains to understand human culture. It attempts to breathe life into a material record that at first glance appears static and fragmentary. The research interests of anthropological archaeologists range from the earliest production of durable tools 3.3 million years ago to the refuse currently being generated by modern cities. All aspects of past human existence, including art, technology, religion, gender, economic and social organization, and food-getting strategies, are addressed by researchers in anthropological archaeology.

**Biological anthropology** encompasses the study of human and nonhuman primate biological diversity and includes the anatomy, genetics, behavior, ecology, and evolution of humans and other primates. It is linked to the other subfields of anthropology by its commitment to the study of human biology, behavior, and evolution within the context of culture, society, and ecology. Close ties with the American Museum of Natural History and the Wildlife Conservation Society at the Bronx Zoo facilitate the department’s diverse research interests in biological anthropology.

**Departmental Objectives**

Anthropology courses contribute to undergraduate education in two ways. First, the scope of the discipline’s interests bridges the humanities, the social sciences, and the natural sciences. Anthropology asks basic questions concerning the origins and development of humans and their cultures and divergent systems of thought, belief, and social order. By systematically analyzing various cultural traditions—contemporary as well as historically known—anthropology raises critical questions concerning the foundations of world civilizations. An understanding of the distinctive way anthropology formulates and attempts to answer its basic questions is a necessary component of a comprehensive liberal arts education.
Second, the department offers concentrated programs of study for the minor, major, or honors student. A minor usually emphasizes one of the four subdisciplines, although students are free to select courses from across the subfields. For the major, the department encourages study in all of the subdisciplines, because each supplements and complements the others in presenting humans as both biological and social beings. The honors program includes in-depth research and writing in an aspect of sociocultural, linguistic, archaeological, or biological anthropology, as well as the pursuit of additional advanced course work at the senior undergraduate and graduate level. The department also participates in the interdisciplinary minor in archaeology.

The director of undergraduate studies (DUS) works closely with anthropology majors and minors in designing programs of study that integrate their individual goals with the offerings and intellectual goals of the department and complementary disciplines. Majors should meet with the DUS at least once per semester, typically just prior to registration for the next semester, to discuss their progress through the program, decide on future course work, and discuss post-graduation plans.

The department prides itself on its graduate and undergraduate programs’ integrated nature, which enables major, minor, and honors students to participate in a variety of challenging graduate courses and seminars. Additionally, an active Anthropology Undergraduate Student Association (AUSA) connects students to one another through special events and an e-mail forum.

**Major in Anthropology**

The major in anthropology consists of nine 4-point courses (36 points), which include the following four required courses (16 points):

- Culture, Power, Society (ANTH-UA 1)
- Human Evolution (ANTH-UA 2)
- Introduction to Archaeology (ANTH-UA 3)
- Language, Culture, and Society (ANTH-UA 17; offered only in the spring semester)

The remaining elective courses for the major (five courses/20 points) may be selected from any subfield of anthropology. Students must take at least five courses from the Department of Anthropology at New York University in order to receive a major in anthropology from NYU, and a grade of C or better is required in every course to be counted toward the major. Students are not required to focus on any one of the subfields of anthropology represented in the department, but rather are free to choose elective courses that accommodate their interests as narrowly or broadly as they see fit, in consultation with the DUS. Internships approved by the DUS are encouraged, but internship credits may not be applied toward the major. Independent study courses, conducted under the supervision of a departmental faculty member, are also encouraged and can be applied toward the major, up to a limit of 8 credits. Majors should consult regularly with the DUS in order to take full advantage of the seminars and research opportunities open to them.

**Joint Majors with Classical Civilization and Linguistics**

In collaboration with the Department of Classics and the Department of Linguistics, the Department of Anthropology also offers two joint majors. Joint majors consist of 20 points (five 4-point courses) in anthropology and another 20 points in the joint department. Joint majors should consult regularly with the DUS in anthropology and the DUS in the joint department in order to take full advantage of the seminars and research opportunities open to them.

**Joint major with the Department of Classics:** The joint major in anthropology and classical civilization emphasizes the importance of anthropological approaches to understanding the social orders and institutions of the classical world. One anthropology course, Culture, Power, Society
(ANTH-UA 1), is required, along with four other anthropology electives chosen in consultation with the DUS of each department (for a total of 20 points in anthropology). Five courses (20 points are required in classics. See the classics section in this Bulletin for additional information. All courses must be completed with a C or better.

**Joint major with the Department of Linguistics**: The joint major in anthropology and linguistics emphasizes the complementary nature of anthropological and sociolinguistic approaches to language. Students are required to take five 4-point courses (20 points) each from the Department of Anthropology and the Department of Linguistics, and a grade of at least C is required in every course to be counted toward the joint major.

- Required courses in anthropology are Culture, Power, Society (ANTH-UA 1); Language, Culture, and Society (ANTH-UA 17); Language, Power, and Identity (ANTH-UA 16); and two other cultural or linguistic anthropology courses approved by the Department of Anthropology’s DUS.
- Required courses in linguistics are Language (LING-UA 1), Language and Society (LING-UA 15), and at least two of the following: Indigenous Languages of the Americas (LING-UA 9); Language Change (LING-UA 14); Bilingualism (LING-UA 18); Sex, Gender, and Language (LING-UA 21); African American Vernacular English: Language and Culture (LING-UA 23); Language and Liberation at Home in the Caribbean and Abroad (LING-UA 26); and Language in Latin America (LING-UA 30).

The fifth course in linguistics may be an additional course from the above list or another course that the department offers, chosen in consultation with the DUS in the Department of Linguistics. See the linguistics section in this Bulletin for additional information.

**Combined Major in Global Public Health and Anthropology**

This major provides interdisciplinary training that embraces the natural convergence of society, culture, and health, and draws on the Department of Anthropology’s strength in bridging the social sciences, natural sciences, and humanities. The joint major in global public health and anthropology prepares students to analyze various cultural traditions through the lens of health; to examine complex relationships within economic, political, cultural, physical, and biological environments; and to apply anthropological approaches to public health problems. The joint major is designed to prepare students for multidisciplinary careers in a variety of settings and/or for advanced academic training in public health, anthropology, or other related fields.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
- Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
- Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
- Epidemiology for Global Health (UGPH-GU 30)
- Health Policy in a Global World (UGPH-GU 40)
- Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

**Note well:** UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major.
For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Anthropology core courses (three courses/12 points):
• Culture, Power, Society (ANTH-UA 1)
• Medical Anthropology (ANTH-UA 35)
• Global Biocultures (ANTH-UA 36)

Anthropology elective courses (three courses/12 points), chosen from:
• Human Evolution (ANTH-UA 2)
• Language, Power and Identity (ANTH-UA 16)
• Conversations in Everyday Life (ANTH-UA 32)
• Human Variation (ANTH-UA 51)
• Evolutionary Medicine (ANTH-UA 55)
• Emerging Diseases (ANTH-UA 80)
• Anthropology of Gender and Sexuality (ANTH-UA 112)
• Disability Worlds (ANTH-UA 113)
• Race, Difference, and Social Inequality (ANTH-UA 323)
• Introduction to Forensic Anthropology (ANTH-UA 326)
• Human Rights and Culture (ANTH-UA 331)
• The Social Life of Food: Producing, Selling, Cooking, Sharing, Eating (ANTH-UA 410)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or anthropology, by advisement. For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

For descriptions of GPH (UGPH-GU) courses, and for all policies applying to the major (including those for transfer students), please see the global public health section of this Bulletin.

**Minor in Anthropology**

The minor in anthropology consists of 16 points (any four 4-point courses) in the department.
The “principles” courses Culture, Power, Society (ANTH-UA 1), Human Evolution (ANTH-UA 2), Archaeology: Early Societies and Cultures (ANTH-UA 3), and Language, Culture, and Society (ANTH-UA 17) are recommended as overviews of the discipline. Minors consult with the DUS to design a program that best accommodates their interests. A grade of C or better is required in every course to be counted toward the minor. Students must take at least two courses from the Department of Anthropology at New York University in order to receive a minor in anthropology from NYU. Internship credits cannot be counted toward the minor, but independent study credits (no more than 4) are acceptable.

**Minor in Archaeology**

Archaeologists use material remains to study crucial issues in human history, such as the evolution of human behavior, the origins of agriculture and animal domestication, and the development of cities and states. In historically-documented societies, material remains can also illuminate the history of art and architecture, the development of religious ideas and practices, and migration and colonialism in the early modern world.

The minor in archaeology is designed to introduce both prehistoric and historic archaeology and archaeological methods. The minor requires 20 points, as follows:

One foundation course (4 points):
• Introduction to Archaeology (ANTH-UA 3)

Archaeological methods and techniques: choose one 4-point course from:
• Introduction to Archaeobotany (ANTH-UA 213)
• Archaeological Theory and Technique (ANTH-UA 215)
• Bioarchaeology (ANTH-UA 327)
• Zooarchaeology (ANTH-GA 1212; permission of the instructor required)
• Other methods courses may be allowed with permission of the director of undergraduate studies.

Archaeology electives: choose any 12 points from:
• Archaeology of Anglo-Saxon England (ANTH-UA 200, 2 points)
• Animal Domestication: Horses, Donkeys, Dogs, and Cats (ANTH-UA 201, 2 points)
• Prehistoric Hunters and Gatherers (ANTH-UA 210, 4 points)
• Surveys of Regional Prehistory II: Prehistoric Europe to the End of the Ice Age (ANTH-UA 216.002, 4 points)
• Barbarian Europe (ANTH-UA 217, 4 points)
• Archaeology of Africa (ANTH-UA 218, 4 points)
• Discovering Archaeology in New York City (ANTH-UA 225, 4 points)
• Archaeology of Climate Change (ANTH-UA 226, 4 points)
• Last Hunters, First Farmers (ANTH-UA 608, 4 points)
• Migration, Mobility, and Dispersal in Prehistory (ANTH-UA 609, 4 points)
• Greek Islands: Myth, Archaeology, Networks (CLASS-UA 293, 4 points)
• Introduction to Classical Archaeology (CLASS-UA 305, 4 points)
• Archaeologies of Rome and the Empire (CLASS-UA 351, 4 points)
• Archaeologies of Greece (CLASS-UA 352, 4 points)
• Ancient Egypt (HBRJD-UA 150, 4 points)
• Ancient Israel: History and Archaeology (HBRJD-UA 9118, 4 points; NYU Tel Aviv)
• Seminar on the Archaeology of Israel (HBRJD-UA 9960, 4 points; NYU Tel Aviv)

The minor offers opportunities for field work. In addition to the Tel Aviv program, students may also receive credit for archaeological field work at Yeronisos Island in Cyprus through the Depart-
ment of Classics. Other field opportunities are available on a for-credit or not-for-credit basis with permission of the director of undergraduate studies. Grants are available to support summer fieldwork in archaeology through the Center for Ancient Studies.

**Honors Program**

A degree in anthropology is awarded with honors to selected anthropology majors who apply for admission to the program through the DUS during their junior year. Honors program candidates are expected to meet all the requirements for the program and to maintain an overall grade point average of 3.65 and an average of 3.65 in the major. Candidates for the honors program must complete a total of ten 4-point courses (40 points) in anthropology, including the two-semester research/thesis writing sequence, Honors Research I (ANTH-UA 950) and Honors Research II (ANTH-UA 951) taken in the senior year, plus at least one graduate course, typically taken in the junior or senior year. All of these courses count toward the major.

In the spring semester of the junior year, students will secure a faculty supervisor for their honors thesis. (In January of the senior year, the student will choose a second faculty reader in consultation with the thesis supervisor). In the fall semester of the senior year, all thesis writers from across departmental subdisciplines enroll in Honors Research I (ANTH-UA 950), a 2-point seminar course in which research methods are taught and individualized to fit each student’s topic—e.g., assembling a bibliography; constructing hypotheses; using secondary, primary, and occasionally original sources to generate data; and analyzing data. In the spring semester, all thesis writers enroll in Honors Research II (ANTH-UA 951), a 2-point seminar course in which students share their developing theses with the group. Students should also enroll in a 2-point independent study with their thesis adviser. Honors candidates are strongly encouraged to formally present posters/papers at the Dean’s Undergraduate Research Conference and within the department. Feedback will be offered at different stages by both faculty and student peers in the seminar. In both semesters, it is the responsibility of the thesis writer to consult with his or her departmental faculty mentor who is supervising the honors project and who will serve as the primary thesis reader.

**Independent Study**

Students must obtain permission from the director of undergraduate studies to register for the independent study courses ANTH-UA 997 or 998 (2 or 4 points per term; 6 or 8 points may be appropriate in exceptional cases). Independent study is an opportunity for students to work closely with a faculty adviser on a project related to their area of study. Students must choose a member of the faculty in their area of study with whom they have taken at least one anthropology course. After securing approval from a faculty member in writing, the student should see the director of undergraduate studies (DUS) in order to register for an independent study course.

It is imperative that students meet on a regular basis with their faculty adviser throughout the semester in which they are doing the independent study. Upon completion of the independent study, the faculty adviser must present written proof that the student has completed all course work for the study to the DUS, along with the student’s final grade.

Independent study units can be applied toward the major and minor in anthropology and can fulfill one of the student’s elective requirements, provided that the student earns a grade of at least C. A maximum of 8 units of independent study can be applied to the 36 units required for the major in anthropology, and a maximum of 4 units of independent study can be applied to the 16 units required for the minor.
Internships

Only anthropology majors who have the permission of the director of undergraduate studies may register for the internship courses ANTH-UA 980 or 981 (2 or 4 points per term). Internship credits cannot be applied toward the major. Internships are opportunities for students to gain practical work experience relevant to anthropology and are sponsored by selected institutions, agencies, and research laboratories. Internships are negotiated between the student, the internship sponsor, and a faculty member in anthropology who will supervise the internship. The expected time commitment for internships is 8 hours per week for 4 credits.

On the internship form, which is available in the department office, the student will describe the intended internship, indicating how it is relevant to his/her academic training in anthropology. The statement should also include an outline of the professional and educational duties and responsibilities of the student intern. The student, the department faculty, and the internship site sponsor will each sign the form, which the student will return to the department.

The student will submit weekly or other periodic reports to her/his anthropology faculty supervisor describing the internship's activities and what she/he has learned. These reports will serve as self-assessments of the professional and educational component of the internship, and will contribute to the student’s final grade.

At the end of the internship period, the internship site sponsor will provide the anthropology faculty supervisor with a written account of the student’s activities, responsibilities, number of hours per week spent on the internship, and a brief report describing and assessing the student intern's work, which will contribute to the student's final grade. The student’s final grade will be determined and submitted by the department faculty supervisor.

COURSES

Principles

Culture, Power, Society
ANTH-UA 1  Grant, Zhang. 4 points.
What does it mean to think anthropologically? Considers historically foundational practices of anthropological thought; its core method, fieldwork; and its most influential product, the ethnography, in order to think practically and creatively about what constitutes cultures, societies, translation, and difference. A central goal is to advance the concept of culture, with its attendant solidarities, hierarchies, and exclusions, in order to better understand continually changing systems of collective identifications.

Human Evolution
ANTH-UA 2  Includes laboratory. Antón, Bailey, Higham, Williams. 4 points.
The study of human evolution is a multidisciplinary endeavor involving a synthesis of concepts, techniques, and research findings from a variety of different scientific fields, including evolutionary biology, paleontology, primatology, comparative anatomy, genetics, molecular biology, geology, and archaeology. Provides a detailed survey of the evidence used to reconstruct the evolutionary history of our own species.

Introduction to Archaeology
ANTH-UA 3  Includes laboratory. Crabtree, Iovita, Pargeter. 4 points.
Introduces contemporary archaeology, its theories and practices, and early societies and cultures. Examines current methodological and theoretical viewpoints of archaeological scholarship within the discipline of anthropology. Focuses on key transformations in cultural evolution, such as the origins of modern humans, the emergence of food production, and the development of complex societies, urbanism, and early states. Explores gender roles, landscapes and settlements, technologies, art, cognitive systems, urbanism, and state formation.

Language, Culture, and Society
ANTH-UA 17  Prerequisite: Culture, Power, Society (ANTH-UA 1). Das. 4 points.
Introduces students to linguistic anthropology, the study of human language and its use across diverse cultural and social contexts. Explores topics such as
language acquisition and socialization, ethnopoetics, pidgins and creoles, multilingualism, folklore, humor and racism, linguistic nationalism, literacy and media, and multilingualism. Different methods of linguistic analysis used to examine communicative events across ethnographic contexts, focusing on North America, the Pacific, and South Asia.

**History of Anthropology**

ANTH-UA 45  Prerequisite: Culture, Power, Society (ANTH-UA 1) or permission of the instructor. Myers. 4 points.

Explores the development of some of the discipline’s defining themes such as the culture concept, understandings of human commonalities and diversity, and participant observation research methods. Considers some of the key persons and institutions associated with these ideas. Focuses primarily on British and American sociocultural anthropology over the 20th century.

**Special Courses (Including Honors)**

Students must consult departmental policies on honors, internships, and independent study in the anthropology program section of this Bulletin.

**Special Seminar in Anthropology I, II**

ANTH-UA 800, 801  Open only to honors majors, or majors in cultural or linguistic anthropology who have the permission of the director of undergraduate studies. 4 points per term.

**Honors Research I, II**

ANTH-UA 950, 951  Open only to honors majors who have the permission of the director of undergraduate studies and who have secured the support of a faculty mentor to supervise the student’s honors research and serve as the primary thesis reader. 2 points per term.

**Internship**

ANTH-UA 980, 981  Open only to majors who have the permission of the director of undergraduate studies, who will act as the departmental supervisor. Between 1-4 points per term.

**Independent Study**

ANTH-UA 997, 998  Prerequisite: permission of the director of undergraduate studies. 2 or 4 points per term; 6 or 8 points may be appropriate in exceptional cases.

**Courses in Sociocultural and Linguistic Anthropology**

Courses in these two subdisciplines are grouped in five areas of concentration. These are informal tracks students may use to develop expertise in a particular part of the discipline. The courses in each area complement one another, allowing students to study related topics from a variety of perspectives and develop a more coherent understanding of the field. The five areas are: 1. culture, symbols, and representation: media, art, language, heritage, and symbolic systems; 2. politics and society: politics, law, race, gender, sexuality, violence, economy, and the state; 3. science and medicine: medical anthropology, global health, and science studies; 4. religion, secularism, and the body; and 5. cultures of the world: ethnographic studies of world regions.

**Theories and Methods in the Study of Religion**

ANTH-UA 11  Identical to RELST-UA 1. 4 points.

See description under religious studies.

**Language, Power, and Identity**

ANTH-UA 16  Identical to LING-UA 8. Das. 4 points.

Examines how speakers enact their gender, sexuality, race, ethnicity, nationality, religion, and socioeconomic class identities through everyday conversations, narratives, performances, literacy activities, and public debates. Explores how identification strategies and beliefs about language reinforce or contest normative power structures. Considers bilingual education, accent discrimination, racial slurs, census labels, standard language, code-switching, linguistic nationalism, xenophobia, censorship, and hate speech cases in different areas of the world.

**Religious Bodies**

ANTH-UA 29  Identical to RELST-UA 642. Zito. 4 points.

Explores the relationship between cultures of religious practices and the human body: the body as medium both for ritual and religious experience; the body as locus for virtue and sin; the split between mind and body. Looks at the body in various situations—gendered, sexualized, covered, naked, suffering, disabled, altered, missing—and interrogates notions of representations and ideals, from the religious ban on representing the human body to divine anthropomorphism.

**Anthropology of Religion**

ANTH-UA 30  Myers, Oliphant, Zito. 4 points.

Examines the cultural nature of basic beliefs and values manifested in both simple and complex societies. Discussion of time and space, causality, myth, prophecy and divination, witchcraft and magic, and mysticism.

**Conversations in Everyday Life**

ANTH-UA 32  Das. 4 points.

We spend a great deal of our time talking: whether face-to-face, on the phone, texting, or via another communicative technology, our feelings and ideas are constantly being exchanged. Investigates how conversation shapes our lives in culturally and linguistically diverse urban communities and presents theories and methods for analyzing the
roles that talk plays in medical, work, and school settings, where miscommunication frequently occurs.

**Medical Anthropology**
ANTH-UA 35 4 points.
Analyzes cultural practices and belief systems surrounding illness, suffering, and healing in medical systems around the globe. Healing specialists may be trained in both indigenous and cosmopolitan medicine; patients and healers both confront the structures of health resources and problems of improving health care.

**Global Biocultures: Anthropological Perspectives on Health**
ANTH-UA 36 Hansen, Rapp. 4 points.
Surveys the mutual shaping of culture and biology in diverse contexts around the world. Starts with sociocultural theories of biocultural process and ends with ethnographies of disability, drugs, food, place, pain, and biotechnology. Examines the relationship between larger political economic structures and individual subjectivities.

**Anthropology of Indigenous Australia**
ANTH-UA 37 Myers. 4 points.
Considers a range of Aboriginal Australian forms of social being and pays significant attention to the changing relationship between Indigenous people and the settler nation of Australia. Explores how Aboriginal people have struggled to reproduce themselves and their traditions in their own terms, asserting their right to forms of cultural autonomy and self-determination.

**Indigenous Australian Art: An Analytical Survey**
ANTH-UA 38 Myers. 4 points.
Focuses on regional and historical variations of Aboriginal art in the context of the history of a settler nation, while considering the issues of its circulation and evaluation within contemporary discourses of value. Topics include the cosmological dimensions of the art, its political implications, its relationship to cultural identity, and its aesthetic frameworks.

**Cultural Symbols**
ANTH-UA 48 Myers. 4 points.
Considers the relationships between the formal properties of signs and their place in social life. A major issue is how to situate meaning in relation to actors and their everyday lives. Classical anthropological approaches to the study of symbols and meaning are examined in the light of recent work in semiotics, literary criticism, Marxist theory, structuralism, phenomenology, philosophy of language, and post-structuralist critique.

**The Social Life of Museums**
ANTH-UA 82 Anderson. 4 points.
Examines museums as objects of ethnographic inquiry and social institutions embedded in a broader field of cultural heritage. How principles of classification, practices of collection and exhibition, use of media and technology, and archiving influence the formation, presentation, and representation of knowledge. Interrogates the role of museums as significant social actors in anthropological debates on power, materiality, value, representation, culture, nationalism, circulation, aesthetics, science, history, and “new” technologies.

**Contemporary Issues in the Caribbean**
ANTH-UA 102 Dávila, Khan. 4 points.
Provides an anthropological perspective on Anglophone, Hispanophone, Francophone, and Dutch Antilles societies. Reviews how colonial history has structured the racial, class, gender, ethnic, and national identities of Caribbean peoples and how these structures have in turn been shaped by the cultures and subjectivities of local communities. Contemporary topics include tourism, sexuality, the arts, health care, transnationalism, and diasporas.

**Anthropology of Latin America**
ANTH-UA 103 Dávila. 4 points.
Surveys society and culture, with emphasis on class, ethnicity, and nationhood. Examines some of the fundamental characteristics of Ibero-American civilization both in its historical development and in its transformations across a variety of regional and class contexts. Discusses the complex interrelationships between country and city and between “popular” and “elite” culture by examining ethnographic case material and a few general interpretative works.

**State and Society in South Asia**
ANTH-UA 104 Ganti. 4 points.
Introduces the cultures and societies of the Indian subcontinent. Focuses not only on the history and ethnography of South Asia, but also on the major concepts and debates in the anthropological study of the region. Topics include caste, kinship, gender, religion, material culture, nationalism, ethnic conflict, popular culture, globalization, and the South Asian diaspora.

**Populism, Religion, and Crisis in Europe**
ANTH-UA 111 Identical to RELST-UA 111. O’olphant. 4 points.
Populist rhetoric, rising xenophobia, anti-migrant hysteria, Islamophobia, and high unemployment have called many of the myths of “Europe” into question. Explores the historical and contemporary politics of religion, populism, and crisis in countries throughout the European Union.
Anthropology of Gender and Sexuality
ANTH-UA 112  Identical to SCA-UA 112. 4 points.
Challenges normative frameworks of sex and gender and considers how such identities as race, ethnicity, socioeconomic status, immigration status, religion, and ability impact gender and sex roles. Interrogates social hierarchies, power, and privilege based on sex, gender, and sexuality. Topics: race and pornography, BDSM, asexuality, heteronormativity, transgender identities, queer coming-out narratives, down-low sexual practices, polyamory, sex work, and queer kinship.

Disability Worlds: Anthropological Perspectives
ANTH-UA 113  Ginsburg. 4 points.
Examines the genealogy of disability as a topic in anthropology and related disciplines in the social sciences and humanities, exploring the relationship of such work to disability studies and activism. Considers early key works, as well as recent ethnographies based in different parts of the world and first person accounts. Overall, we stress the significance of disability for theorizing human difference. Incorporates guest lectures, films, performance, and relevant off-site activities in New York City.

Culture, Power, and Visual Representation
ANTH-UA 122  Ganti, Ginsburg. 4 points.
Explores the history and development of anthropology’s relationship to visual practices, focusing on photography and film, both as a mode for representing culture and as a site of cultural practice. Examines the emergence of and contestations around the genre known as ethnographic film and its relationship to wider debates about documentary and non-fictional film practice. A central theme is the relationship between representation, power, and knowledge as manifested in cross-cultural representation.

Anthropology of Media
ANTH-UA 123  Ganti. 4 points.
Examines the social and political life of media and how it makes a difference in the daily lives of people as a practice—in production, reception, or circulation. Organized around the following key questions: What is media? What role does media play in producing or shaping our sense of reality? What is the relationship between media and culture? How is media implicated in social change? Provides an overview of the increasing theoretical attention paid to the mass media by anthropologists, and focuses on concrete ethnographic examples.

Anthropology of Art
ANTH-UA 125  Anderson, Myers. 4 points.
The starting point is to ask “What is art?” in comparative cultural perspective. Analyses aesthetics in cross-cultural context; the notion of style; the relation between art, technology, and skill; the entanglement of primitivism and modernity; the role of class and taste in appreciating art; art and value in the marketplace; art and museum practice; tourist art and the value of authenticity; and colonial and postcolonial art.

Religion and Media
ANTH-UA 220  Identical to RELST-UA 645. Oliphant, Zito. 4 points.
Introduces, through an anthropological lens, the long-standing and complex connection between religious practices and various media. Analyzes how human hearing, vision, and the performing body have been used historically to express and maintain religious life through music, voice, images, words, and rituals. Also considers more recent electronic media such as radio, film, television, video, and the Internet.

Ethnicity and the Media
ANTH-UA 232  Identical to SCA-UA 232. 4 points.
See description under American studies.

Nationalism
ANTH-UA 315  Grant. 4 points.
Nations and nationalisms have been among the defining phenomena of the modern epoch, yet the terms of nationhood remain extraordinarily plastic. Encourages systematic reflection about the power of this plasticity and focuses on a close and critical engagement with an emergent canon of key writings.

Topical Seminar in Social and Cultural Anthropology I, II
ANTH-UA 320, 321  Anderson, Das, Dávila, Ganti, Ginsburg, Grant, Khan, Myers, Oliphant, Zito. 4 points per term.
Analyzes and assesses selected key issues in the discipline. See the department’s website for specific topics each term.

Anthropology of Cities
ANTH-UA 322  Dávila, Grant. 4 points.
Cities and urbanization processes as key spaces for analyzing debates around citizenship, democracy, and national identity across the globe. We also examine cities as creative hubs where some major social transformations are taking place, such as the growth of neoliberalism and the evolution of creative industries and economies across the world. Topics include: Latin American cities, enclave urbanism, new types of segregation, and new imaginaries of class and “urban” identities in the region.

Race and Caste
ANTH-UA 323  Khan. 4 points.
Examines how historical, social, and
cultural contexts shape the forms that identities take, looking in particular at ideas about race and racial identity. We work with two premises: (1) race must be understood in relation to such other identity categories as gender, class, sexuality, and ethnicity, and (2) race is expressed in both obvious and subtle ways; thus, racial identity is implicit as well as explicitly expressed. Utilizes nonfiction, fiction, and films.

Reimagining Community: Race, Nation, and the Politics of Belonging
ANTH-UA 325 Dávila, Khan. 4 points.
Examines different notions of “community” through a variety of disciplinary lenses. Readings are drawn from anthropology, history, feminist studies, cultural studies, ethnic studies, and philosophy. We read these texts both as theoretical representations of “community” as well as historically embedded artifacts that are part of the larger machinery in the production of knowledge.

Human Rights and Culture
ANTH-UA 331 Merry. 4 points.
Topics include female genital cutting, honor killing, trafficking of persons, and indigenous peoples’ rights to culture. Considers how the human rights system deals with tensions between global standards and local ways of life. Examines the meanings of rights and of culture in these debates and shows the implications of adopting an anthropological analysis of these situations.

Violence, Gender, and the Law
ANTH-UA 332 Merry. 4 points.
Explores the nature of violence as a concept that incorporates both physical harm and cultural meanings. Reviews law and violence in the context of non-state societies, colonialism, international law and human rights, and transitional justice. Focuses on gender-based violence, such as domestic violence, rape, sex trafficking, genocide, and wartime violence. Examines law as a system of ordering relations and controlling conflict in contexts as diverse as small bands and global institutions.

The Color of Race in the Americas: Post-Racial Mythologies
ANTH-UA 333 Khan. 4 points.
Examines race and color as fundamental social and ideological building blocks of the Americas, as well as the related issues of identity, similarity, and difference in social relations. Considers how race and color are embedded in the cultural landscape and how “mixed race” and “color continuums” do (or do not) democratize social hierarchies. Employs ethnographic and interdisciplinary approaches.

Shamanism
ANTH-UA 334 Grant. 4 points.
From New Age sweat lodges to Soviet Siberia, shamanic spirit mediums have been construed as everything from healers to magistrates to visionaries to political subversives. Explores anthropological literature on shamanism in Asia and the Americas and asks how we constitute and appropriate the exotic. By focusing on the core figure of the shaman, we also track a twentieth-century history of anthropological reasoning.

Belief and Social Life in China
ANTH-UA 351 Identical to RELST-UA 351. Zito. 4 points.
The Chinese word for “religion” means “teaching.” Explores what Chinese people “taught” themselves about the person, society, and the natural world and thus how social life was constructed and maintained. Examines in historical perspective the classic texts of the Taoist and Confucian canon and their synthesis as well as Buddhism, especially Ch’ an (Zen). Discusses the practices of filiality in Buddhism, Confucian orthodoxy, and folk religion.

After Religion? Rethinking Our Secular Age
ANTH-UA 352 Identical to RELST-UA 638. Offered every other year. Oliphant. 4 points.
By exploring some of the many different forms of the secular found around the world and over time, we question the power of the universal tale of modernization that sits at the foundation of the “secularization thesis.” Explores what it means to live in a “secular age”—a framework which, although often invisible or implicit, establishes and limits much of what we experience, expect, and encounter in our daily lives.

Transnationalism
ANTH-UA 400 Das, Dávila, Ganti, Khan. 4 points.
Addresses the ongoing reconstruction of world order and its accompanying disorder. Examines changes in how people earn their livelihoods; how cultures are transmitted and hybridized; how migrating populations maintain connections to their homelands; how group identities are constructed and asserted; and how social movements arise around newly politicized issues. Discusses changing roles of nation-states and the growing significance of transnational, diasporic, and globalized social relations and cultural forms.
The Social Life of Food
ANTH-UA 410  4 points.
Draws on ethnographic material from a wide range of cultures, as well as feature films and our own observations and interviews, to consider such topics as the material dimensions of food production, distribution, and consumption (e.g., food scarcity or abundance) and the cultural meanings and social distinctions encoded in food practices (e.g., how food is used cross-culturally as a marker of social identity and as a source of meaning).

Approaches to Latinx Studies
ANTH-UA 501  Identical to SCA-UA 501. Dávila. 4 points.
See description under Latino studies.

Popular Culture in Latin America
ANTH-UA 603  Maldonado-Salcedo. 4 points.
Popular culture as a window into the many worlds and histories embodied and circulated by national and imagined pueblos and as an arena for ideas of nationalism and identity to be created, maintained, and shared within everyday life. Considers issues of violence, nationalism, and inequality as well as identity and citizenship, and utilizes race, gender/sexuality, and class as conceptual frameworks. Also examines how popular culture migrates and shapes the Latinx experience and culture industries abroad.

Formations of Indigeneity
ANTH-UA 605  Myers. 4 points.
Through a case study of materials concerning Indigenous people in Australia and North America, investigates the consequences (cultural, sociological, policy) of a development that has taken place throughout the world. Many of the peoples in whom anthropologists are interested—those organized into small-scale, kinship-based societies—are encapsulated as Indigenous minorities within nation states dominated by other cultural traditions. Examines how the capacity and practices of these peoples to reproduce themselves and their traditions on their own terms has been limited, undermined, co-opted and, on occasion, reinforced.

Gods and Profits: Religion and Capitalism
ANTH-UA 636  Identical to RELST-UA 636. Offered every other year. De Vries, Oliphant. 4 points.
See description under religious studies.

Religion, Art, and the City
ANTH-UA 637  Identical to RELST-UA 637. Offered every other year. Oliphant. 4 points.
See description under religious studies.

Islam in the World
ANTH-UA 703  Identical to MEIS-UA 703. 4 points.
See description under Middle Eastern and Islamic studies.

Introduction to Native American Studies
ANTH-UA 747  Identical to HIST-UA 747. Required for the minor in Native American and Indigenous studies. Anderson, Ellis. 4 points.
Indigenous hidden histories and oral histories; comparative Indigeneities; questions of “discovery” and colonialism; the politics and representations of lands, massacres, and museums; and aspects of law, gender, and sexuality. Begins by recognizing and locating the history and continued presence of the Native American Lenape people here in Manannahatta, and ends with discussions about decolonizing research and Indigenous survival in the future. Uses both historical and ethnographic approaches, in North America and beyond. Courses in Archaeology

Archaeological Evidence for Human Evolution
ANTH-UA 60  Prerequisite: Introduction to Archaeology (ANTH-UA 3) or equivalent course. Offered every other year. Lecture. Pargeter. 4 points.
Covers the critical period from about 3 million years to 12 thousand years ago that witnessed a three-fold increase in brain size, our expansion from portions of Africa to the entire subpolar world, and the emergence of fully “modern” Homo sapiens. Introduces the behavior, ecology, and technology of tool-using humans and their ancestors and tracks human cultural evolution to the present day.

Archaeology of Anglo-Saxon England
ANTH-UA 200  Crabtree. 2 points.
From the end of the Roman period (ca. 410 C.E.) to the Norman Conquest (1066 C.E.). Key questions include: who were the Anglo-Saxons? How did Britain change after it was no longer part of the Roman Empire? What can archaeology tell us about Anglo-Saxon settlement practices and burial patterns? How can we use archaeology to study the rebirth of towns and trade in later Anglo-Saxon England?

Animal Domestication: Horses, Donkeys, Dogs, and Cats
ANTH-UA 201  Crabtree. 2 points.
The transition from hunting and gathering to agriculture and herding is one of the most dramatic changes in human history, and archaeologists, anthropologists, and biologists have been interested in the process of animal domestication since the 19th century. Closely considers these animal domesticates that have played important roles in human history.

Archaeobotany
ANTH-UA 202  4 points.
The study of botanical remains from
Archaeological Theory and Technique
ANTH-UA 215  Prerequisite: Introduction to Archaeology (ANTH-UA 3) or permission of the instructor. Crabtree, Iovita, Pargeter. 4 points.
Theoretical approaches to the economy, technology, and organization of hunter-gatherers; early agriculturalists; gender differences; and complex societies. Examines research design, sampling problems, chronometric methods, analysis of paleoenvironments, and typology in terms of modern understanding as well as historical perspective.

Prehistoric Hunters and Gatherers
ANTH-UA 210  Pargeter. 4 points.
Hunter-gatherer subsistence is not inherently linked to egalitarianism, generalized reciprocity, or settlement mobility; moreover, hunter-gatherer populations once believed to be deeply rooted in evolutionary time are now understood as historical consequences of globalization and colonial expansion. We examine variability in hunter-gatherer subsistence, mobility, social organization, belief systems, landscape use, and material culture, and ask to what extent studies from across the spectrum of hunter-gatherer behaviors can help us understand and explore human evolution.

Early Cities and States
ANTH-UA 211  4 points.
Considers two distinct processes: (1) the origins of food production and consequent development of domesticated plants and animals and (2) the trend toward increasing social, political, and economic complexity that culminates in early states. Several independent examples of each process from both the Old and New Worlds.

Topics in Archaeology
ANTH-UA 213, 214  Topics determine prerequisites. 4 points per term.
Explores selected key issues and problems in archaeological anthropology. See the department’s website for specific topics each term.

Archaeology of Climate Change
ANTH-UA 226  Iovita. 4 points.
Climate change is one of the greatest challenges facing humankind today, and most of the public discourse on this topic focuses on the future. And yet, all of our experience with the natural world lies in the past. We delve into some issues that arise from contemplating climate change in a historical and human evolutionary perspective, starting with the question: what is humankind’s natural environment?

Introduction to Bioarchaeology
ANTH-UA 327  4 points.
Students gain a basic understanding of human osteology and—through hands-on experience and lectures—learn the methods and theories that...
bioarchaeologists use to study human remains. This knowledge is then used to examine broader themes within bioarchaeology, drawing on case studies from across the globe.

**Last Hunters, First Farmers**
ANTH-UA 608  Crabtree. 4 points.
The transition from hunting and gathering to agriculture and animal husbandry is often called the Agricultural Revolution. This change in human subsistence strategies led to changes in many other aspects of human life, including settlement patterns, demography, social organization, and religious practices. It also provided the economic basis for the development of complex urban societies in many regions of the world. Examines the archaeological evidence for the transition from foraging to farming on a worldwide basis.

**Migration, Mobility, and Dispersal in Prehistory**
ANTH-UA 609  4 points.
What is our species’ natural range of residential mobility, and how do we compare with our closest relatives, both living and extinct? When did humans settle the different continents for the first time? How did different technologies, such as the wheel and long-distance watercraft, affect mobility and migration? What is the history of immigration, borders, and intolerance? What solutions for the future can we glean from our collective historical experience? Study of primary literature from the fields of archaeology, paleoanthropology, paleogenetics, and archaeolinguistics.

**Fieldwork in Archaeology**
ANTH-UA 830  Prerequisite: permission of the instructor. Crabtree, Iovita, Pargeter. Offered in the summer. 4 points.
Students live and work at the selected prehistoric or historic site, usually in eastern or midwestern North America. Students are instructed in field technique and laboratory procedures. Further background provided through staff and guest lectures.

**Courses in Biological Anthropology**

**Fossil Evidence for Human Evolution**
ANTH-UA 50  Prerequisite: Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Antón, Bailey, Williams. 4 points.
Traces the evolutionary history of the human lineage from its origin in the late Miocene of Africa up to the initial differentiation and diversification of anatomically modern humans. Explores debates about phylogenetic relationships, taxonomy, paleobiological interpretations, and models for the origin of human behavior.

**Evolution and Human Variation**
ANTH-UA 51  Prerequisite: Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Antón, Bailey. 4 points.
Human evolutionary history and our ability to adapt to such a broad range of environments result in the patterns of human variability we see today. New techniques allow us to explore the different levels of human variation. Focuses on new data and methodologies, including molecular genetic techniques, and the hypotheses and controversies generated by these new perspectives.

**Evolution and Biology of Human Behavior**
ANTH-UA 52  Antón, Bailey, Higham, Williams. 4 points.
Presents a synthetic approach to the biological, behavioral, and cultural origins of humans. Explores data and theories from paleoanthropology, archaeology, nonhuman primate behavioral studies, brain research, and sociobiology for their contributions to the study of human behavior.

**Primate Behavioral Ecology**
ANTH-UA 54  Prerequisite: either Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Higham. 4 points.
Studies how and why primates have evolved to be so social and varied in their social and mating systems, and why they exhibit so many unusual characteristics. Topics considered: primate biology and taxonomy, evolutionary theory and the history and philosophy of primate studies, natural selection and social systems, sexual selection and mating systems, and intelligence and communication.

**Evolutionary Medicine**
ANTH-UA 55  Prerequisite: Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Antón. 4 points.
Examines the interactions of environmental, genetic, physiological, and cultural factors in the expression and distribution of human diseases. Develops pathology profiles for nonhuman primates; prehistoric human populations; and hunting and gathering, agricultural, and industrial groups, with emphasis on the expression of infectious disease in human history and newly (re)emerging diseases.

**Comparative Biology of the Living Primates**
ANTH-UA 56  Prerequisite: Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Williams. 4 points.
The study of the primates, our closest living relatives, is fundamental to a sound understanding of human biology.
and evolution. Surveys the anatomy and behavior of the living primates from a structural, functional, and evolutionary perspective. Examines different anatomical systems and behaviors: external features, the cranium, dentition and dietary behavior, postcranial anatomy and locomotor behavior, sensory and nervous systems, and reproductive anatomy. Emphasizes the role of comparative anatomy in functional and behavioral studies, taxonomy, and phylogenetic analyses.

Primate Communication
ANTH-UA 59 Prerequisite: Human Evolution (ANTH-UA 2) or Life Science: Human Origins (CORE-UA 305) or permission of the instructor. Higham. 4 points.
Key insights into the evolution of human communication can come from studying our most closely related extant relatives, our fellow members of the primate order. Topics include the difference between signals and cues, signal honesty, and concepts of signal information content and evolutionary signal design. Considers communication in different sensory modalities (olfactory, auditory and visual), multimodal communication, and theories and issues related to the evolution of language.

Primate Sexuality
ANTH-UA 62 Recommended prerequisite: Human Evolution (ANTH-UA 2). Lecture. Offered every other year. Higham, Lawrence. 4 points.
Explores the sexual lives of primates through an evolutionary lens. From sexual-selection theory to sperm competition to endocrinology, we will take a comparative approach to examining just how fundamental sexuality is to many aspects of both non-human and human primate biology.

Emerging Diseases
ANTH-UA 80 4 points.
Integrates evolutionary biology, genetics, immunology, ecology, and behavioral ecology with sociocultural anthropology, politics, and economics. General evolutionary theory and an introduction to Darwinian medicine frame an examination of viral, bacterial, parasitic, and prion-based diseases along with their hosts, vectors, and other organisms. Particular attention to how humans have purposely and inadvertently created both biological and cultural environments for the transmission of different diseases. Considers media representations and misrepresentations.

Introduction to Forensic Anthropology
ANTH-UA 326 Antón, Williams. 4 points.
Forensic anthropologists play critical roles in identifying victims of mass fatalities, in investigating homicides (both historic and modern), and in distinguishing cause of death. Students are introduced to the underlying theory and the applied techniques that forensic anthropologists use to recover and identify individuals and assess cause of death, both in the laboratory and the field.

Topical Seminar in Biological Anthropology I, II
ANTH-UA 511 Open to majors in anthropology with the permission of the instructor. Antón, Bailey, Higham, Williams. 4 points per term.
Explores selected key issues and problems in biological anthropology. See the department’s website.

Graduate Courses Open to Undergraduates: Sociocultural and Linguistic Anthropology

These graduate courses are open to qualified anthropology majors with the permission of the instructor of the course.

Comparative Diasporas
ANTH-GA 1228 Prerequisite: permission of the instructor. Khan. 4 points.
Explores theoretical and methodological issues in the comparative study of diasporas. “Diaspora” describes the process by which immigrants and their descendants create home, community, and identity as they sustain cultural and social ties with their homeland (real or imagined), place of residence, and co-ethnics living elsewhere. Evaluates current debates and uses of diaspora.

Islam and the Americas
ANTH-GA 1246 Prerequisite: permission of the instructor. Khan. 4 points.
Explores Muslims in North America, Latin America, the Caribbean, and the centuries of connections forged with Africa and Asia. We engage in cross-cultural comparison through analysis of key presumptions about this religious tradition and its practitioners, including the ways that “Muslim,” “Islam,” and “religion” are constructed as interpretive categories, the relationships between these categories and lived experience, and the ways that these constructions present symbolic, and other, distinctions between “New” and “Old” Worlds.

The Color of Race in America
ANTH-GA 3396 Prerequisite: permission of the instructor. Khan. 4 points.
Examines race and color as fundamental building blocks of the Americas. Emphasizes ethnographic approaches, but
also draws on interdisciplinary sources (non-fiction, film, and fiction). Key questions include: if race and color are social categories and not inherited essences, how and why do race and color remain powerful in our lives? Are race and color synonymous? What is the relationship of race and color to gender, class, sexuality, and citizenship?

Graduate Courses Open to Undergraduates: Archeological and Biological Anthropology

The following biological and archaeological graduate courses are open to qualified anthropology majors with the permission of the instructor of the course. In addition, most graduate topical seminars in these subdisciplines are also open to qualified anthropology majors with permission.

Zooarchaeology
ANTH-GA 1212  Prerequisite: permission of the instructor. Crabtree. 4 points.
Examines the ways in which faunal (animal) data have been used to reconstruct early hominin subsistence strategies, to trace the process of animal domestication, and to study trade, social status, and ethnicity in complex societies. Covers the identification of mammal, bird, reptile, and fish bones from archaeological sites, determination of age at death in mammals, bone measurements, taphonomy, animal domestication, and the use of faunal remains in the study of complex, urban societies.

Paleopathology
ANTH-GA 1214  Prerequisite: permission of the instructor. Antón. 4 points.
The study of disease in ancient bones. Provides in-depth survey of the various ways in which disease presents in the mammalian skeleton. Reviews major disease classes and how they influence bone; how to construct a differential diagnosis; and how diseased remains are used to interpret aspects of population history.

Dental Anthropology
ANTH-GA 1240  Prerequisite: permission of the instructor. Bailey. 4 points.
Covers the basics of dental anthropology and how to apply it to a variety of research areas. Dental anatomy, evolution, growth and development, pathology, variation in recent and fossil hominins and non-human primates, age estimation, forensic identification, and cultural modifications. In the labs students learn how to identify human teeth, how to distinguish deciduous and permanent teeth, how to score and interpret dental morphological traits, how to age from the dentition, and how to take dental measurements.

Primate Behavior, Ecology, and Conservation
ANTH-GA 1507  Prerequisite: permission of the instructor. Higham. 4 points.
Serves as a broad introduction to the ecology, behavior, and conservation of nonhuman primates.

Comparative Morphology of the Primates
ANTH-GA 1515  Prerequisite: permission of the instructor. Harrison. 4 points.
Surveys the anatomy of the living primates from a structural, functional, and evolutionary perspective. Examines different anatomical systems and behaviors: external features, the cranium, dentition and dietary behavior, postcranial anatomy and locomotor behavior, viscera, sensory and nervous systems, and reproductive anatomy. The role of comparative anatomy in functional and behavioral studies, taxonomy, and phylogenetic analyses is emphasized.

Human Osteology and Odontology
ANTH-GA 1516  Prerequisite: permission of the instructor. Antón, Bailey, Williams. 4 points.
Surveys the various ways in which biological anthropologists employ human osteology, the study of bones and the skeleton. In addition to presenting a detailed review of the anatomy of the human skeleton and its associated musculature, examines a series of thematic issues and topics that emphasize the multidisciplinary nature of the study of skeletal morphology. Topics include bone biology and development, comparative osteology, biomechanics, bioarchaeology, forensic anthropology, and taphonomy.

Interpreting Human Skeletal Morphology
ANTH-GA 1520  Prerequisite: ANTH-GA 1516 and permission of the instructor. Antón, Bailey, Williams. 4 points.
Provides an intensive introduction to the methods and techniques used to reconstruct soft tissue anatomy and behavior from the human skeleton. Focuses on techniques and applications to all areas of skeletal biology, including bioarchaeology, paleoanthropology, forensics, and anthropology. Addresses bone biology, developmental processes, and soft tissue anatomy. Students learn (1) fundamentals of aging, sexing, and individuating human skeletal remains; (2) stature and weight estimation, geographic ancestry; and (3) recognizing and evaluating pre- and postmortem modification, including evidence of disease and activity.
OVERVIEW

Once described by New York Times art critic John Russell as the best undergraduate department of art history in the country, the art history program at NYU was established to provide a rigorous and wide-ranging education in the many facets of the history and theory of art, a mission that its faculty continues to enthusiastically embrace. Students become familiar with global art from antiquity to the present. The department offers courses in ancient, medieval, Renaissance, baroque, modern, contemporary, East Asian, South Asian, Islamic, Latin American, African, Oceanic, Pre-Columbian, and Native American art, treating not only painting, sculpture, architecture, and photography but also graphic media, manuscript illumination, the decorative arts, and aspects of urban design. The department is one of the few undergraduate programs in the country with extensive offerings in conservation and museology. A myriad of museums, galleries, and local architectural sites make New York City the ideal place in which to study the visual arts on site and in the flesh. Beyond New York, art history courses are offered at NYU’s study away sites, such as Berlin, Buenos Aires, Florence, London, Madrid, Paris, and Prague.

The department offers majors and minors in art history and in urban design and architecture studies. Since an education in the history of art can be enhanced by a firsthand understanding of its making, our majors are encouraged to minor in studio art through the Steinhardt School. The department publishes its own student journal (Ink & Image), and has an honors program which culminates in the writing and oral defense of a senior honors thesis.

Art history graduates have proven exceptionally successful in securing positions in museums, commercial galleries, auction houses, and nonprofit organizations. Those who go on to undertake graduate study typically pursue careers as curators, conservators, and academic art historians at the university and college level. Students majoring in urban design and architecture are well prepared for graduate study in architecture, urban planning, and historic preservation.

FACULTY

Professors Emeriti
Hyman, Landau, Walton

Helen Gould Sheppard
Professor Emerita of the History of Art

Sandler

William R. Kenan Jr. Professor of the Humanities

Flood

Professors
Brandt, Geronimus, Krinsky,
Silver, Smith

Arts Professor
S. Rice (Tisch Photography and Imaging)

Associate Professors
Hopkins, Karmel, Khera,
Martin, L. Rice, Robinson, Meier

Assistant Professors
Basilio, Matteini
**Clinical Professors**
Broderick, Roth, Ritter

**Affiliated Faculty**
Connelly (Classics)
Grays (Russian and Slavic Studies)

Meltzer (Visual Studies, Gallatin)
Mendelson (Spanish and Portuguese)
Merjian (Italian)

Mirzoeff (Media, Culture, and Communication, Steinhardt)
Myers (Silver Professor of Anthropology)
Wood (German)

**PROGRAM**

**Major in Art History**

The major comprises nine 4-point courses (36 points) as follows:

- Foundations of Art History (ARTH-UA 10; 4 points) is required of all majors (but see section below on advanced standing credit).
- One 4-point course in ancient or medieval art or architecture (from any cultural tradition) chosen from the following: ARTH-UA 3-4, 101-105, 110, 201-205, 250. Certain ARTH-UA 550 courses may also satisfy this requirement when the content is appropriate.
- One 4-point course in early modern art or architecture (from any cultural tradition) chosen from the following: ARTH-UA 5, 301-309, 311, 313, 315-316, 350, 507, 511-512, 520, 531, 541. Certain ARTH-UA 550 courses may also satisfy this requirement when the content is appropriate.
- One 4-point advanced course in modern art or architecture (from any cultural tradition) chosen from the following: ARTH-UA 6, 404, 407-409, 411-414, 431-433, 450, 511, 531, 541, 560, 570, 701.
- Cultural traditions requirement: two 4-point courses in art or architecture from two distinct traditions, chosen from the following:
  - Africa and the ancient Near East: ARTH-UA 110, 560, and 550 or 800 when the content is appropriate.
  - East Asia: ARTH-UA 507, 510-512, 520, and 550 or 800 when the content is appropriate.
  - Europe and the Americas: ARTH-UA 1-6, 101-105, 201-205, 301-309, 311, 313, 315-317, 404, 407-409, 411-414, 431-433, 701, and 800 when the content is appropriate.
  - Islamic: ARTH-UA 540-541.
  - Pre-Columbian, Native American, and Oceanic: ARTH-UA 570, and 550 when the content is appropriate.
  - South and Southeast Asian: ARTH-UA 530-531.
- Two Advanced Seminars (ARTH-UA 800) to be taken during the junior or senior year. Students must have completed four art history courses before enrolling in an advanced seminar.
- One ARTH-UA elective chosen from any non-survey courses or any approved course offered in another department or at any NYU study away site. Any course in the urban design and architecture studies program may be counted as an elective for the art history major. Other proposed substitutions must be discussed with and approved by the director of undergraduate studies prior to election of the course in question.

**Major in Classics and Art History**

For details of this interdepartmental major, refer to the description under the Department of Classics in this Bulletin. With prior departmental approval, students can count two courses from any single NYU study away site toward this major and may count a total of three courses from more than one site.
Major in Urban Design and Architecture Studies

This major requires nine 4-point courses (36 points). Students work with the program director to achieve career-oriented goals within the major. Course work must include the following:

• Survey requirement (two courses/8 points). Students take both:
  ○ History of Architecture from Antiquity to the Present (ARTH-UA 601)
  ○ Shaping the Urban Environment (ARTH-UA 661)

• A combination of core courses and cross-referenced courses, chosen from the following:

• Seminar requirement: at least one seminar chosen from ARTH-UA 670-679, ARTH-UA 681.

Minor in Art History

Four 4-point ARTH-UA courses (16 points) that do not overlap in content. At least one must focus on non-western art, or on a field other than modern or contemporary.

Minor in Urban Design and Architecture Studies

Any four 4-point courses (16 points) from URDS offerings that do not overlap in content.

Policies Applying to Departmental Majors and Minors

Credit toward the art history and urban design major or minor is granted only for courses completed with a grade of C or higher. Courses graded Pass/Fail do not count.

In the art history major, students may use one course to satisfy both a chronological requirement and a cultural traditions requirement (for example, one course might fulfill the early modern art requirement as well as one of the two required courses in cultural traditions). Students who double-count courses toward major requirements in this fashion will need to take one or more additional electives to reach the major’s statutory minimum of nine 4-point courses.

The following courses satisfy either the early modern or modern art and architecture requirement in the art history major, not both: ARTH-UA 5, 316, 317, 511, 520, 531, 541.

In addition, the following courses may be used to satisfy only one of the ancient, early modern, or modern art and architecture requirements in the art history major: ARTH-UA 506, 507, 512.

Students cannot receive credit for both History of Western Art I (ARTH-UA 1) and Ancient Art (ARTH-UA 3) or Medieval Art (ARTH-UA 4); or for both History of Western Art II (ARTH-UA 2) and Renaissance and Baroque Art (ARTH-UA 5) or Modern Art (ARTH-UA 6), as their contents overlap.

Art history courses taken in the Steinhardt School of Culture, Education, and Human Development may not be double-counted for credit toward an art history minor. However, for Steinhardt students taking a minor in art history, the two-semester Steinhardt survey Art and Contemporary Culture is the prerequisite for advanced Renaissance, baroque, and modern courses. Art and Contemporary Culture II may only serve as the prerequisite for advanced modern courses.

Advanced Standing Credit

A score of 5 on the Advanced Placement Art History examination, or a score of A on the Advanced Level History of Art examination, exempts students from Foundations of Art History
(ARTH-UA 10) and counts as one course toward the major (i.e., the major can be completed with eight courses). Note that the Advanced Level exam awards 8 points; 4 are equivalent to ARTH-UA 10, and the other 4 are ARTH-UA elective points that count toward the baccalaureate degree but not the major.

Lower scores on AP and A Levels do not count toward the major or exempt students from ARTH-UA 10, although scores of 4 and B respectively do count as elective credit toward the baccalaureate degree.

Advanced standing credits cannot count toward the minor.

Courses in the College Core Curriculum

Students majoring or minoring in art history or urban design and architecture studies are exempt from the College Core Curriculum’s Expressive Culture requirement. Students who wish to have a Core Expressive Culture course (CORE-UA 720, CORE-UA 721, or CORE-UA 722) count for credit toward either major must secure the permission of the director of undergraduate studies for art history or the director of the urban design and architecture studies program.

Graduation with Departmental Honors

Students may graduate with departmental honors in art history or in urban design and architecture studies by successfully researching and writing a senior thesis. This represents the culmination of the work for the major and provides excellent preparation for graduate school. To be eligible for the honors program, students must have a GPA of 3.65 or higher at the conclusion of the junior year, both overall and in art history or in urban design and architecture studies. A student wishing to write an honors thesis must apply for admission to the program via the department’s NYU Classes site in early March of the junior year. For a complete description of all the honors thesis requirements, please visit our departmental NYU Classes site for honors-track students.

Work toward the senior thesis consists of two 4-point honors courses (ARTH-UA 801 and ARTH-UA 804) focusing on research methods and writing, accompanied by regular meetings with the supervising professor. The completed thesis, at least 30 to 40 pages in length, is read by a committee of three faculty members, including the supervising professor. The committee meets with the student for a thesis defense at the end of the academic year. Satisfactory completion of the thesis, in the committee’s judgment, earns an honors degree. These two honors courses may replace the two electives required for the major.

Internship Policy

Under exceptional circumstances, the Department of Art History awards academic credit (2 points) for an internship accompanied by an independent study. Students must find a professor willing to supervise this study. Course work may include a written diary recording the student’s work experience and will include a term paper relevant to the internship, to be approved by the supervising professor. The independent study must also be approved by the director of undergraduate studies.
**COURSES**

Note: students who matriculated before fall 2021 should discuss prerequisites for advanced courses with the department. They may also consult the PDF of the 2020-2022 Bulletin at bulletin.cas.nyu.edu and scroll to the section for this department.

Required Foundational Course

**Foundations of Art History**  
ARTH-UA 10  No prerequisite. Required for the major in art history. Lecture. Offered every semester. 4 points. Introduces the requisite skills and concepts to develop a meaningful engagement with the visual arts and art history as a global discipline. Rather than a chronological survey of great works, provides examples and perspectives from a wide range of regions, periods, and cultures. Topics include materials and techniques of production; formal analysis; subject matter and iconography; historical and cultural contexts; the social role and formation of artists; and the history of art history as a discipline.

Survey Courses in Western Art and Architecture

No previous study is required for admission to the following courses (ARTH-UA 1 through 6). Students cannot receive credit for both History of Western Art I (ARTH-UA 1) and Ancient Art (ARTH-UA 3) or Medieval Art (ARTH-UA 4); or for both History of Western Art II (ARTH-UA 2) and Renaissance and Baroque Art (ARTH-UA 5) or Modern Art (ARTH-UA 6), as their contents overlap.

**History of Western Art I**  
ARTH-UA 1  Identical to MEDI-UA 1. Students who have taken ARTH-UA 3 or ARTH-UA 4 will not receive credit for this course. Offered every semester. 4 points. Introduction to the history of painting, sculpture, and architecture from ancient times to the dawn of the Renaissance, emphasizing the place of the visual arts in the history of civilization. Includes the study of significant works in New York museums, such as the Metropolitan Museum of Art, the Cloisters, and the Brooklyn Museum.

**History of Western Art II**  
ARTH-UA 2  Identical to MEDI-UA 2. Students who have taken ARTH-UA 5 or ARTH-UA 6 will not receive credit for this course. Offered every semester. 4 points. Introduction to the history of painting, sculpture, and architecture from the early Renaissance to the present day. Includes the study of significant works in New York museums, such as the Metropolitan Museum of Art, the Frick Collection, the Morgan Museum and Library, the Guggenheim Museum, the Whitney Museum, and the Museum of Modern Art.

**Ancient Art**  
ARTH-UA 3  Identical to CLASS-UA 310. Students who have taken ARTH-UA 1 will not receive credit for this course. Offered periodically. 4 points. From the third millennium B.C.E. to the fourth century C.E. Traces developments from the first monuments and visual narratives of advanced civilizations in Mesopotamia, North Africa, and the Aegae to the expansion of Mediterranean interaction in the Greek Archaic and Classical periods, then shifts to the rise of the Roman Empire and through to the Christian imagery and abstract styles of the fourth century C.E. Studying the collections of the Metropolitan Museum of Art and the Brooklyn Museum is essential.

**Medieval Art**  
ARTH-UA 4  Identical to MEDI-UA 200. Students who have taken ARTH-UA 1 will not receive credit for this course. Offered periodically. 4 points. Introduction to the arts of the Christian Middle Ages in the Greek East and Latin West ca. 200-1400 C.E. Covers architecture, monumental sculpture, painting, mosaics, stained glass, ivory and metalwork, and panel painting in their historical, religious, political, and social contexts. Topics include: creation of a vocabulary of Christian symbols, imagery, and architectural forms; medieval patrons, artists, and audiences; arts of pilgrimage, monastery, and cathedral; roles and functions of images. Integrates a study of the collections of the Metropolitan Museum of Art and the Cloisters.

**Renaissance and Baroque Art**  
ARTH-UA 5  Identical to MEDI-UA 333. Students who have taken ARTH-UA 2 will not receive credit for this course. Offered every year. 4 points. Introduction to art and architecture, 1400-1750, against the context of historical, cultural, religious, technological, and social change. Topics: emergence of humanism and its engagement with the ancient past; development of transformative techniques and technologies for making art; function of art in religious, public, and domestic settings; role of the patron; impact of Protestant and Catholic Reformations; proliferation of new genres. Studying the collections of the Metropolitan Museum of Art, the Frick, and the Morgan Museum and Library is essential.
Modern Art
ARTH-UA 6  Students who have taken ARTH-UA 2 will not receive credit for this course. Offered every year. 4 points.
Western art from the late 18th century to present. Topics: neoclassicism and romanticism; realism; the impressionists; parallel developments in architecture; new sculptural tradition of Rodin; post impressionism to fauvism; expressionism; futurism; cubism; geometric abstraction in sculpture and painting; modernism in architecture in the 20th century; Dadaism and surrealism. Covers action painting, pop art, minimal art, and postmodernism. Studying the collections of the Metropolitan Museum of Art, the Museum of Modern Art, the Guggenheim Museum, and the Whitney Museum of American Art is expected in the course.

Advanced Courses in Ancient Western Art and Architecture

Birth of Greek Art: From the Bronze Age to the Geometric Period
ARTH-UA 101  Identical to CLASS-UA 311. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
Surveys the art, archaeology, and culture of the Aegean Bronze Age and early Iron Age: from ancient Thera, to the palace-based states of Minoan Crete and the Mycenaean Greek mainland, to developments within communities of the eighth century B.C.E. Architecture, wall painting, sculpture, ceramics, and narrative in early Greek art are among the topics to be examined. Emphasis on critical approaches to material culture within the contexts of religion, sociopolitical and economic organization, burial practices, trade networks, and interactions with neighboring cultures.

Archaic and Classical Art: Greek and Etruscan
ARTH-UA 102  Identical to CLASS-UA 312. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
Covers the seventh through the fourth century B.C.E., including the orientalizing and archaic styles, the emergence of the classical style, and the impact of Macedonian court art under the conquests of Alexander the Great. Studies architecture, sculpture, and vase painting within their historical and cultural contexts. Includes study of the Metropolitan Museum of Art collections.

Roman Art
ARTH-UA 103  Identical to CLASS-UA 313. No prerequisite. Offered periodically. 4 points.
Traces developments in art from the formation of the city of Rome in the early first millennium B.C.E. to the sixth century C.E., when religion, style and imperial territory fundamentally shifted the trajectory of art and cultural interaction thereafter. Includes archaic and classical style art in Rome, the area of Rome’s expansion into Italy and the Mediterranean; interaction with Hellenistic art and culture in the east; and the art of the Roman Empire. Study of the Metropolitan Museum of Art and Brooklyn Museum collections is essential.

Greek Architecture
ARTH-UA 104  Identical to CLASS-UA 353. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
Covers Archaic through Hellenistic periods (eighth to first centuries B.C.E.). Provides a chronological survey of Greek architectural tradition from its Iron Age origins, marked by construction of the first all-stone temples, to the late Hellenistic period, embodied in the baroque palace architecture reflected in contemporary theatre stage-buildings. Related topics include: city planning and urbanism; building methods; traditions of architectural patronage.

Roman Architecture
ARTH-UA 105  Identical to CLASS-UA 354. No prerequisite. Offered periodically. 4 points.
Covers the Archaic period to the sixth century C.E. Traces Roman architecture from its early development in the milieu of the Mediterranean, among Greek and Etruscan peoples, through complex changes to engineering practices, availability of materials, political climate, and social and religious institutions. Topics: city planning and urbanism; Roman engineering; experience of space and plans in architectural design; and the interaction between Rome, neighboring territories, and provinces during the Empire.

Ancient Egyptian Art
ARTH-UA 110  No prerequisite. Offered every year. 4 points.
Traces developments in sculpture, painting, and architecture of ancient Egypt from predynastic beginnings through the Old, Middle, and New Kingdoms until the conquest of Augustus (3100-40 B.C.E.). Emphasis on Egyptian art in the context of history, religion, and cultural patterns. Includes study of Egyptian collections in the Metropolitan Museum of Art and the Brooklyn Museum.

Advanced Courses in Medieval Western Art and Architecture

Art of the Early Middle Ages
ARTH-UA 201  Identical to MEDI-UA 201. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.
Christian architecture, sculpture, painting, mosaic, manuscript illumination, and luxury arts in the Greek East and Latin West from 200 C.E. through ca. 950 C.E. Considers visual and material culture of Christianity in light of the religious, historical, political, social, and cultural contexts. Style periods: Christian, early Byzantine, barbarian, insular, Merovingian, and Carolingian. Topics include: the commemoration of the dead; art and theology; emergence of the cult of saints; early medieval patrons; arts of pilgrimage and early monasticism; word and image in early medieval culture; and iconoclasm and debates about the role of images in early Christianity.

**Romanesque Art**

ARTH-UA 202  Identical to MEDI-UA 202. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Examines architecture, sculpture, painting, manuscript illumination, and treasury arts of the Latin West during ca. 950-1200 C.E., including Ottonian, Anglo-Saxon, Mozarabic, First Romanesque, and Romanesque art. Considers visual arts of Christianity in light of the historical, religious, political, social, and cultural contexts of their creation. Topics: the cult of saints and the arts; the art and architecture of pilgrimage and crusade; monasticism and the arts; Romanesque patrons, artists, and audiences; the Romanesque revival of monumental sculpture; Christian encounters with Islam and Judaism; secular themes in Romanesque art; word and image in Romanesque art; medieval attitudes toward the classical tradition.

**Gothic Art in Northern Europe**

ARTH-UA 203  Identical to MEDI-UA 203. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Art of the “age of the cathedrals”—including architecture, sculpture, stained glass, manuscript illumination, wall painting, luxury arts, and tapestry—from origins of the Gothic style in the 12th-century Ile-de-France through the early 15th century. Considers artistic developments in light of religious, historical, political, social, and cultural contexts of their creation. Topics include: Gothic patrons, artists, builders, and art-making; lay literacy and the patronage and reception of art; the cult of the Virgin and the arts; the Gothic image as bearer of religious, political, and social values and ideologies; arts of chivalry and courtly love; naturalism and developments in portraiture; the roles of art in devotional and mystical experience; Gothic art and late medieval notions of vision and the self.

**Art and Architecture in the Age of Giotto: Italian Art, 1200-1400**

ARTH-UA 204  Identical to MEDI-UA 204. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Traces the evolution of the painted altarpiece in relation to its liturgical, devotional, and cultic functions, with consideration of artistic personalities such as Duccio, Simone Martini, and the Lorenzetti. Studies great fresco cycles in churches and chapels from the point of view of artists (including Giotto and Taddeo Gaddi), patron(s), and program. Surveys key monuments of religious and civic architecture and their painted and sculpted decoration within the historical and political contexts of the emerging Italian city-states. Topics include: mendicant orders and the arts; Black Death and art; status of the artist; gender and social class in representation and patronage.

**Medieval Architecture**

ARTH-UA 205  Identical to MEDI-UA 205. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Surveys the architecture of the Middle Ages in Western Europe with emphasis on the period from ca. 1000-1500 C.E., from the emergence of the Romanesque to the late Gothic period. Examines monumental religious and secular projects, such as cathedrals and civic palaces, from stylistic, technical, functional, iconographic, and ideological perspectives. Topics include regionalism, patronage, the status of the “architect,” and the concept of the multimedia ensemble. Situates buildings within their social, religious, and political contexts. Advanced Courses in Western Renaissance and Baroque Art and Architecture.

**Architecture and Urbanism in Renaissance Europe**

ARTH-UA 301  Identical to MEDI-UA 301. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

A new style of architecture developed in 15th century Florence against the background of a vigorously evolving humanist culture and spread throughout Italy and beyond over the course of the 16th century. Traces the evolution of Renaissance architecture through the work of major figures such as Brunelleschi, Alberti, Bramante, Michelangelo, and Palladio. Special attention is given to the social, cultural, and historical conditions that shaped the built environment.

**Architecture and Urbanism in the Age of the Baroque**

ARTH-UA 302  Formerly European Architecture in the Age of Grandeur. Identical
Northern Renaissance Art, 1400-1530
ARTH-UA 303  Identical to MEDI-UA 303.
Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.
Addresses painting north of the Alps, ca. 1380-1530, partly late medieval, partly Renaissance. Examines the connection of breathtaking technique and deeply religious aspects of the art to function, symbolic thought, patronage, and changes in the society to which painting was related. Also explains ways in which we write history when most of the vital written documents are missing or destroyed. Artists discussed include Jan van Eyck, the Master of Flemalle, Rogier van der Weyden, Jean Fouquet, Hugo van der Goes, Jerome Bosch, Albrecht Dürer, Matthias Grünewald, and Hans Holbein.

Sixteenth Century Art North of the Alps
ARTH-UA 304  Identical to MEDI-UA 304.
Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

The Golden Age of Venetian Painting
ARTH-UA 308  Identical to MEDI-UA 308.
Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
The art of Venice and its surroundings, Emilia and Lombardy. Covers the Bellini and Vivarini artistic families, Giorgione, Titian, and Sebastiano del Piombo; the itinerant careers of Carlo Crivelli and Lorenzo Lotto; and the origins and implications of Correggio’s and his stu-
dent Parmigianino’s daring experiments. Examines the significance of the mature Titian for his contemporaries Veronese, Tintoretto, and Bassano. In the 18th century, Tiepolo brings Venice’s golden age to a close. Stresses artistic reciprocity between northern and central Italy.

**Italian Art in the Age of the Baroque**

ARTH-UA 309  Identical to MEDI-UA 309. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Painting and sculpture in Italy, 1580-1700. Highlights major developments in the visual arts and the work of leading artists including Caravaggio, Carracci, Bernini, and Poussin. Examines the blurring of boundaries between the real and the imaginary, the instantaneous and the infinite, the imitative and the innovative. Special attention is paid to the creative process and the influences on it: the role of the patron, the logistics of site, and the artist’s own thought process as revealed through preparatory drawings and sketches.

**Dutch and Flemish Painting, 1600-1700**

ARTH-UA 311  Identical to MEDI-UA 311. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. In Flanders, Rubens overturned all previous concepts of painting and was the first to deserve the term “baroque.” Van Dyck, his pupil, took Rubens’s style to England. Dutch painters, including Hals, Rembrandt, and Vermeer, moved in a different direction, addressing every aspect of their country and society: the peasant, the quiet life of the well-ordered household, the sea and landscape, views of the cities, and church interiors.

**French Art from Versailles to the Age of Rococo, c. 1660-1760**

ARTH-UA 313  Formerly French Art: Renaissance to Rococo, 1520-1770. Identical to MEDI-UA 313. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. French art, architecture, and material culture from the mid-17th to late 18th centuries. Topics include the artistic splendors of the court of Louis XIV at Versailles and the relationship of art and politics; the French Academy and the Paris Salon; cross-cultural exchange and its impact on decorative arts and interior design; gardens and landscape; intersections between Enlightenment art, philosophy, and science; gender and patronage; and the rise and fall of the rococo.

**Art in Spain from El Greco to Goya**

ARTH-UA 315  Identical to MEDI-UA 315. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Begins with El Greco in Italy and Toledo, Velázquez, Zurbarán, Murillo, Ribera, and Valdés Leal before moving to the 18th century (the Tiepolo family, Meléndez). Defines Spain in the 16th and 17th century as a global power by considering colonial-era art in such New World centers as Mexico City and Lima. The focus then shifts to the art of Francisco de Goya and the projection of Spanish art into the modern era.

**Latin American Art: From Colonial to Modern**

ARTH-UA 316  Identical to MEDI-UA 316. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Begins with a brief consideration of the achievements of the great pre-Hispanic civilizations (Aztec, Maya, Inca, and others) prior to contact with the Iberian world. Emphasis on colonial painting, sculpture, and architecture in Mexico and Central America, the Caribbean, and the Andes. Examines painting and sculpture of the 19th century and the secularization of Latin American art, and then the establishment of modernism from 1900 onward. Important modern artists such as Frida Kahlo, Joaquin Torres-Garcia, Tarsila do Amaral, Wifredo Lam, and the surrealists bring the survey to approximately 1950.

**Advanced Courses in Modern Western Art and Architecture**

**American Art**

ARTH-UA 404  Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Examines the art that developed in what is now the United States, from the beginnings of European colonization until the First World War and the internationalizing of American art. Includes painting, sculpture, and architecture, concentrating on the work of Copley, Cole, Winslow Homer, Mary Cassatt, and others. New York City provides major collections of painting and sculpture, as well as outstanding examples of architecture.

**Abstract Expressionism to Pop Art**

ARTH-UA 407  Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Considers the varied avant-gardes of the United States, England, France, Italy, Latin America, Africa, the Middle East, and South Asia in the years immediately after World War II, then focuses on the development of the New York School from abstract expressionism, through neo-dada and other movements of the late 1950s, and into the pop art and
minimalism of the 1960s. Also examines the parallel but divergent development of an international avant-garde linking France, Italy, and South America. Emphasizes the global perspective by surveying avant-gardes of the 1950s and 1960s in Africa, the Middle East, South Asia, and Japan, and how they responded to developments in Paris and New York.

**Early Modern Architecture: 1776-1914**

ARTH-UA 408  Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or Expressive Culture: Architecture in New York Field Study (CORE-UA 722) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

Focuses on the creation of modern building types such as the bank, state capitol, museum, railroad station, and skyscraper. After considering the forms and meanings associated with neoclassicism, examines the Gothic revival and subsequent 19th-century movements (e.g., high Victorian Gothic, Second Empire, beaux-arts classicism) as efforts to find appropriate expressions for diverse building forms. Students consider changes resulting from the Industrial Revolution, including developments in technology, and the reforms of art nouveau and secession architecture.

**Neoclassicism to Realism**

ARTH-UA 411  Formerly Age of Revolutions, 1750-1860. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

The Enlightenment's valorization of cool rationalism contributed to the rise of neoclassicism as a dominant style, while the era's opposing celebration of emotion as the purest form of intellectual and spiritual expression (as in Rousseau) gave rise to romanticism. Following on the heels of romanticism, realism has been seen as both a rejection and an extension of it. Focuses on these three stylistic movements and examines how late 18th- and early 19th-century artists negotiated not just the aesthetic ideas of the Enlightenment but its political consequences as well.

**Impressionism to Post-Impressionism**

ARTH-UA 412  Formerly Impressionism and After, 1860-1900. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

Begins by considering how impressionism refined and redirected the artistic aims of 19th-century realism, then follows the development of progressive art to the brink of cubism and pure abstraction in the first years of the 20th century. Following impressionism and post-impressionism, close attention is paid to symbolism, aestheticism, art nouveau, the Arts and Crafts movement, fauvism, and expressionism. The aesthetic aims of these movements are analyzed in tandem with the social and cultural conditions that generated them.

**Cubism to Surrealism**

ARTH-UA 413  Formerly Era of the Avant-Gardes, 1900-1945. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

After analyzing the invention of cubism by Picasso and Braque, examines its international reverberations, including Italian futurism, the later phases of German expressionism, and constructivism in revolutionary Russia. The dada movement in the period during and after World War I is considered as a reaction to the apparent cultural and artistic bankruptcy of Western civilization. Addresses the tensions in the multiple currents of surrealism: metamorphic, academic, and abject, and then analyzes painting after World War II, from Pollock to Dubuffet, as an extension and transformation of prewar trends.

**Contemporary Art**

ARTH-UA 414  Formerly Postmodern to Contemporary Art, 1970-2014. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every year. 4 points.

First concentrates on the development of contemporary art in New York, London, and Berlin. Discussion of the decade 1975-1985 is organized around the opposition between art as social critique and art as spiritual expression. Discussion of 1985-1995 focuses on the re-emergence of narrative, and on identity and bodily experience as organizing metaphors. Discussion of 1995-2010 focuses on comic-book imagery, amusement park installation, and allegorical abstraction. Finally, considers the diverse art scenes
of Russia and Eastern Europe, Latin America and the Caribbean, Africa, the Middle East, South Asia and Australia, and China from 1899 to the present. Considers how “Western” art formats have provided vehicles for responding to diverse experiences such as the collapse of Communism, rapid industrialization, and ethnic and religious conflict.

Aesthetic History of Photography
ARTH-UA 431  Identical to PHTI-UT 1102. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every spring. 4 points. Chronicles the history of photography’s complex and symbiotic relationship to painting, sculpture, architecture, installation, and performance. Beginning with the medium’s invention and the early fights of its practitioners to establish themselves as fine artists, describes photographers’ unique attempts to negotiate their relationships with both artistic movements and the media culture of which they are a part. Assesses the impact of art movements, cultural attitudes, and new technologies on photographers across the history of the medium.

Social History of Photography
ARTH-UA 432  Identical to PHTI-UT 1101. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every fall. 4 points. A social and political history of photography, from its beginnings to the present day. Focuses on the popular forms of photographic imagery, such as advertising, fashion, travel photography, family portraits and snapshots, scientific documents, documentary reform, and photojournalism, and describes the medium’s relationship to Western (and global) social history during the modern era. Readings from Susan Sontag, John Berger, and Roland Barthes.

Toward a Critical Vocabulary of Photography
ARTH-UA 433  Identical to PHTI-UT 1129. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points. Emphasizes the analysis and synthesis of visual and written information. Critical readings from Roland Barthes, Donna Haraway, Susan Sontag, Boris Groys, bell hooks, Thomas Kuhn, Mircea Eliade, John Berger, and George Kubler, as well as selections from fiction and graphic novels, are considered in relation to historical and contemporary pictures. Considers topics in philosophy, art history, science, literature, and cultural studies that are relevant to photography.

Museums and the Art Market
ARTH-UA 701  Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered every year. 4 points. An overview of history and theory. Presents a series of lectures and case studies examining such issues as the birth of the museum, the role played by world’s fairs and biennials, the impact of collectors, the art market, and the gallery system. Visits to museums, galleries, and auction houses in New York.

Courses in Non-Western Art and Architecture

No previous study is required for admission to the following courses unless a prerequisite is stated in the description.

Asian Art in New York Museums and Galleries
ARTH-UA 507  No prerequisite. Offered periodically. 4 points. Hands-on fieldwork at museum storerooms and exhibitions, private collections, and commercial galleries. Content varies with the museum exhibitions available at the time of offering. Emphasizes visual analysis and requires active discussion. Particularly suitable for students interested in a museum or gallery career.

East Asian Art I: China, Korea, Japan to 1000 C.E.
ARTH-UA 510  Identical to EAST-UA 91. No prerequisite. Offered every fall. 4 points. An introduction to the art and culture of the Far East, presented in a chronological and thematic approach corresponding to the major dynastic and cultural changes of China, Korea, and Japan. Teaches how to “read” works of art in order to interpret a culture or a historical period; aims at a better understanding of the similarities and differences among the cultures of the Far East.

East Asian Art II: China, Korea, Japan from 1000 C.E. to the Present
ARTH-UA 511  Identical to EAST-UA 92. No prerequisite. Offered every spring. 4 points. An introductory survey. Emphasizes an overall understanding of the development of art and culture, as well as mastery of specific works of art. East Asian Art I followed the development of the common cultural heritage of the Northeast Asia region. Part of this commonality is due to the extraordinary influence of an early-developing Chinese civilization on Japan and Korea. However, Japan and Korea also developed their own cultures and arts. Topics include Song landscape paintings, Edo “floating world” prints, Koryo celadons, and modern art.

Arts of China
ARTH-UA 512  No prerequisite. Offered periodically. 4 points. Explores architecture and gardens, painting and sculpture, and ceramics and textiles. Concentrates on the function of artworks, their physical and sociological
context, and the meanings they convey. The time period covered varies, but is always limited to around five hundred years.

**Arts of Japan**

ARTH-UA 520  No prerequisite. Offered periodically. 4 points.

Focuses on buildings, sculptures, paintings, and decorative objects in the development of Japanese art and society from ca. 10,000 BCE into the modern era. Proceeds chronologically and investigates such themes as the relation between past and present, artists and patrons, imported and indigenous, and “high and low.” Time periods covered vary by semester.

**South Asian Art I: Indus Valley to 1200**

ARTH-UA 530  No prerequisite. Offered periodically. 4 points.

An introductory survey of the history of South Asia from 2000 B.C.E. to 1200 C.E., with an emphasis on the Indian subcontinent. From the Indus Valley culture to the present day, artistic production has played a critical role in the transmission of religious beliefs and the development of cultural systems in and around South Asia. We consider the historical circumstances surrounding the production of South and Southeast Asian art, as well as the problems that art historians face when trying to interpret the surviving evidence. Examines art in a variety of media, including architecture, urban form, sculpture, painting, and performance.

**South Asian Art II: 1200 to Present**

ARTH-UA 531  No prerequisite. Offered periodically. 4 points.

Begins with the introduction of Islamic artist traditions into the Indian subcontinent through the establishment of the Delhi Sultanate, which effectively integrated itself into a widely diverse and multicultural range of preexisting artistic practices. Follows the cultivation of new tastes in the Mughal and Rajput courts through the vigorous interaction among Persian, Indic, and European artists and elites. Finally, turns to the colonial and postcolonial artistic responses to South Asia’s complex past(s). By looking at art in a range of media—including painting, sculpture, architecture, and photography—examines how art actively served as an expression of political authority and cultural identity.

**Art in the Islamic World I: From the Prophet to the Mongols**

ARTH-UA 540  No prerequisite. Offered periodically. 4 points.

Provides an outline of Islamic material in its early and classical periods, from 650 to 1200 C.E. The period saw the initial formation of an Arab empire stretching from the Atlantic Ocean to the Indian Ocean, a decline in centralized authority, and the rise to political prominence of various North African, Iranian, and Central Asian dynasties from the 10th century onward. These political developments are reflected in the increasingly heterogeneous nature of Islamic material culture over this time span.

**Art in the Islamic World II: From the Mongols to Modernism**

ARTH-UA 541  No prerequisite. Offered periodically. 4 points.

An introduction to the arts of Islam during a period of dynamic cultural and political change in the Islamic world. Beginning with the Mongol invasions of the 13th century, traces the development of Islamic art and architecture through the eras of Timur, the “gunpowder empires” (the Mughals, Ottomans, Safavids), and European colonialism, to the art of the nation-state in the 20th century.

**Arts of Africa**

ARTH-UA 560  Identical to SCA-UA 787. No prerequisite. Offered periodically. 4 points.

Introduction to historical and contemporary arts of Africa, ranging from ancient architecture, masquerades, and traditional sculpture to modern photography, recent digital works, and multi-media installations. Special attention given to movement between societies within Africa and between Africa and the Americas and Europe, including histories of imperialism and decolonization. Introduces methods and vocabulary of art history, and the challenges and politics of interpreting African arts in the globalizing world.

**North American Indian Arts**

ARTH-UA 570  No prerequisite. Offered periodically. 4 points.

An introductory survey of North American Indian and Eskimo art. It covers the following art-producing areas and cultures: Northwest Coast (Ozette, Salish, Nootka, Haida, Kwakiutl, Tlingit); Alaska (Old Bering Sea, Ipiutak, and Yupik Eskimo); Southwest (Hohokam, Mogollon, Anasazi, Hopi, Navajo); Plains (Arapaho, Kiowa, Mandan, Sioux); Woodlands (Adena, Hopewell, Mississippian, Ojibwa, Iroquois); and contemporary art (tradition and innovation in contemporary Native American and Eskimo art).

**Other Advanced Courses in Art and Architecture**

**European and American Decorative Arts: Renaissance to Modern**

ARTH-UA 317  Formerly ARTH-UA 10.

Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

History of the design of objects used in daily life. Studies works of art in a social and historical context. Beginning
with the Italian, French, and northern Renaissance, surveys the Louis styles in France, international neoclassicism, and the Victorian style. Concludes with the modern period. Stresses the history of furniture, but also covers glass, silverware, tapestries, ceramics, wallpaper, carpets, and small bronzes.

**Special Topics in the History of Art**

ARTH-UA 150, ARTH-UA 250, ARTH-UA 350, ARTH-UA 450, ARTH-UA 550, ARTH-UA 750, and ARTH-UA 850  
Prerequisites vary by topic. 4 points.  
Topics change from semester to semester and are sometimes outside of the usual classification areas. Those that carry prerequisites are normally considered advanced courses in the major, satisfying requirements in the ancient or medieval, Renaissance or baroque, or modern areas.

**Advanced Seminar in Art History**

**Advanced Seminar**

ARTH-UA 800 Prerequisite: permission of the director of undergraduate studies. Open to departmental majors who have completed Foundations of Art History (ARTH-UA 10) and four other 4-point art history courses with a C or better. Offered in the fall and spring. 4 points.  
Exposure in small-group discussion format to historical/critical problem(s) of concern to the faculty member offering the seminar. Requires oral report(s) and/or a substantial paper.

**Honors Thesis and Independent Study in Art History**

**Senior Honors Thesis**

ARTH-UA 801 4 points.  
Open to departmental majors who have been accepted as candidates for honors in art history in the first term of their senior year and who have the permission of the director of undergraduate studies. See this department's subheading "Graduation with Departmental Honors" for eligibility requirements. Students are expected to work on their theses over a period of two semesters by following ARTH-UA 801 in the fall with ARTH-UA 804 in the spring (see Independent Study, below). Applicants must have a GPA of 3.65 in art history courses and an overall GPA of 3.65 as stipulated by the College's honors program regulations.

**Independent Study**

ARTH-UA 803, 804 Prerequisite: written permission of the director of undergraduate studies and of an adviser. 1 to 2 points per term.  
Independent study is done only exceptionally. It consists of the investigation, under the guidance and supervision of a designated instructor, of a research topic agreed on by the student and instructor and approved by the chair. Requires a substantial report written by the end of the term.

**Graduate Courses Open to Art History Majors**

Juniors and seniors who have a 3.65 grade point average in five art history courses may take, for undergraduate credit, the 1000- and 2000-level courses offered in the Graduate School of Arts and Science at the Institute of Fine Arts, 1 East 78th Street. For more information, please consult the Graduate School of Arts and Science Bulletin or the announcement of courses of the Institute of Fine Arts. Before registering for these courses, students must obtain the permission of the director of undergraduate studies, as well as that of the instructor of the course.

**Urban Design and Architecture Studies: Foundational Courses**

**History of Architecture from Antiquity to the Present**

ARTH-UA 601 No prerequisite. Offered every semester. 4 points.  
Introduction to the history of Western architecture, emphasizing the formal, structural, programmatic, and contextual aspects of selected major monuments from ancient times to the present. Monuments discussed include the Parthenon, the Roman Pantheon, Hagia Sophia, the cathedral at Chartres, St. Peter’s, Palladio’s Villa Rotonda, St. Paul’s Cathedral, Versailles, the London Crystal Palace, Frank Lloyd Wright’s Fallingwater, Le Corbusier’s Villa Savoye, the Guggenheim Museum in Bilbao, Mies van der Rohe’s Barcelona Pavilion, and others. Also considers aspects of city planning in relation to certain monuments and to the culture and events of their time.

**Shaping the Urban Environment**

ARTH-UA 661 No prerequisite. Offered every semester. 4 points.  
Introduces basic concepts of Western urbanism, focusing primarily on Europe and the United States. Lectures, readings, and course work present both a survey of city form since antiquity and an analysis of contemporary urban issues. Investigates key elements of urban development, including roads, walls, water, housing, transportation, and open space, as well as factors influencing these elements, such as types and shapes of cities, engineering, and architectural form as an expression of political systems. Special attention is given to real estate development, landmark preservation, city planning, and community participation in New York City.
Urban Design and Architecture Studies: Architecture and Urban History Courses

Greek Architecture
ARTH-UA 104  Identical to CLASS-UA 353. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Roman Architecture
ARTH-UA 105  Identical to CLASS-UA 354. No prerequisite. Offered periodically. 4 points.

Medieval Architecture
ARTH-UA 205  Identical to MEDI-UA 205. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.

Architecture and Urbanism in Renaissance Europe
ARTH-UA 301  Identical to MEDI-UA 301. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

Architecture and Urbanism in the Age of the Baroque
ARTH-UA 302  Formerly European Architecture in the Age of Grandeur.

Identical to MEDI-UA 302. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered every other year. 4 points.

See this department’s subheading “Advanced Courses in Renaissance and Baroque Art and Architecture.”

Early Modern Architecture: 1776-1914
ARTH-UA 408  Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or Expressive Culture: Architecture in New York Field Study (CORE-UA 722) or a score of 5 on the AP Art History exam. Offered every year. 4 points.

See this department’s subheading “Advanced Courses in Renaissance and Baroque Art and Architecture.”

Modern Architecture: 1914 to the Present
ARTH-UA 409  Prerequisite: Foundations of Art History (ARTH-UA 10) or Early Modern Architecture: 1776-1914 (ARTH-UA 408) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or Expressive Culture: Architecture in New York Field Study (CORE-UA 722) or a score of 5 on the AP Art History exam. Offered every year. 4 points.

See this department’s subheading “Advanced Courses in Modern Art and Architecture.”

Architecture in New York: Field Study
ARTH-UA 602  Offered every year. 4 points.

Examines the history of architecture and urbanism through the landmark buildings and neighborhoods of New York City. Addresses key issues of architectural history, including style, building type, patronage, professional education, adaptive reuse, construction techniques, and the process of historic preservation, all within the context of urban and national development. Meetings consist of classroom lectures and field study trips, including visits to Broadway/Battery, South Street Seaport, City Hall area, SoHo, Greenwich Village, Ladies’ Mile/Gramercy, Upper West Side, Grand Central/42nd Street, Park Avenue, and Rockefeller Center.

Special Topics in Urban Design and Architecture Studies
ARTH-UA 650, 850  Prerequisites vary according to topic. 4 points.

Subjects change from semester to semester and are outside of the usual classification areas.

Cities in History
ARTH-UA 662  Prerequisite: Shaping the Urban Environment (ARTH-UA 661) or permission of the program director. Offered every other year. 4 points.

Historical survey of city types, plans, and symbolic meanings from classical Greece to the present. Subjects include ancient towns and planned cities, especially those of the Roman Empire; medieval commercial centers and cathedral towns; Renaissance plazas and baroque street systems; and 19th-century industrial, colonial, and resort cities. Emphasis on European and American cities. Discussion of London, Paris, and Rome throughout.

History of City Planning: 19th and 20th Centuries
ARTH-UA 663  Prerequisite: Shaping the Urban Environment (ARTH-UA 661) or permission of the program director. Offered every year. 4 points.

Examines the history of cities, planning, and urban design in Europe and the United States since 1800. Emphasizes the social, political, and economic factors shaping modern cities, including industrialization, housing, sanitation, transportation, social reform, recreation, and infrastructure, as well as cultural and aesthetic debates about style.
monumentality, and diversity in cities. Includes field trips to notably planned sites in the New York area.

Urban Design and Architecture Studies: Seminars

**Ideology and Urban Design**
ARTH-UA 35  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Examines the building of an urban environment as a reflection of ideology. Examples illustrate interrelationships of architectural and urban forms and ideological thought. Topics include: the International Style in democratic Europe, 1918-1933; the U.S.S.R. during the years after the revolution of 1917; the U.S.S.R. under Stalin, National Socialism in Germany, 1933-1945; Eastern European countries; the U.S.A. today; cultural centers, urban and suburban developments, central business districts, and civic centers.

**Decision Making and Urban Design**
ARTH-UA 670  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
The impact and limitations of private and public decision-making power on urban design and architecture. City architecture in light of the values and priorities set by a society. Recognition of citizens’ groups as increasingly important factors in city planning and related changes. Critically evaluates the complexity of decision-making and historical circumstances as related to the built urban environment on the basis of historical and modern American and European examples.

**Architecture in Context**
ARTH-UA 671  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Examines the practice of architecture through the lens of a NYC architectural firm. A range of projects is considered through presentations, case studies, and site visits. Each week is devoted to a theme that illustrates the importance of design and sustainability as it relates to civic engagement and social responsibility, the different phases of project development, the influence of regulations on design, and primary building systems.

**Environmental Design: Issues and Methods**
ARTH-UA 672  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Examines the manifold technological considerations that affect urban building and urban environmental quality in cities today. Topics include the specifics of power supply, heating, lighting, ventilation, internal traffic (vertical and horizontal), pollution control, and other topics of immediate significance. Focuses on the potential of technology to resolve urban environmental problems.

**Urban Design: Infrastructure**
ARTH-UA 673  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Serves as a laboratory for the investigation of New York City’s infrastructure, using the definition of the word as a point of departure. In what ways can the city be perceived as a collective undertaking, with intricate components interwoven in continuous strands? What systems and forces give the city and its neighborhoods their current form, and what influences their future shape? Can these systems be dissected? What do these analyses tell us about the relationship of the city to its inhabitants and to the wider environment? Investigates the street grid, water supply, waste disposal, and subway system.

**Urban Design and the Law**
ARTH-UA 674  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Relationship between physical surroundings and the basis of society in law. Examines the effects of zoning regulations and building codes; urban renewal legislation; condemnation procedures; real estate law; law concerning tenants; taxation; special bodies such as the Port Authority of New York and New Jersey; preservation and landmarks; licensing procedures for architects, engineers, and planners; and pollution control measures. Special attention to laws of New York City and nearby communities.

**Seminar in Urban Options for the Future**
ARTH-UA 675  Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.
Explores the nature of today’s urbanism with an eye on understanding future prospects for cities through lectures, extensive readings, class discussions/
presentations, and “mapping exercises” which take students out of the classroom and into the city. Topics include sustainable urban futures, the consequences of dramatic demographic shifts, smart growth practices, landscape urbanism, and the phenomenon of exploding/imploding cities.

### Drawing for Architects and Others

**ARTH-UA 676 Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every semester. 4 points.**

Teaches how to perceive and to record phenomena manually without relying on formulaic methods of drawing perspective, volumetrics, and the like. Encourages the examination of proportion, scale, light, shade, and texture, as well as means of expression, the nature and essence of objects, various media, and graphic composition. Students create a comprehensive series of drawings and build a portfolio.

### Reading the City

**ARTH-UA 677 Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered every year. 4 points.**

Lectures, discussions, and field walks primarily examine the architects and the forces that shaped the historical fabric of New York around the turn of the 20th century. Students learn to read the historical stratigraphy of the city’s architecture by utilizing primary and secondary sources (maps, prints, and panoramas). Considers how understanding context and history can inform current architectural practice.

### Parks, Plants, and People

**ARTH-UA 679 Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered periodically. 2 points.**

Studies the components of successful urban green public spaces designed for and about people. Requires numerous site visits to important New York City parks and gardens. Considers the role that good planting and a connection with nature plays in improving the quality of life in the city.

### Case Studies in Historic Preservation

**ARTH-UA 681 Prerequisites: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered in the spring. 4 points.**

A survey of the history, philosophy, and practice of historic preservation on the national and local levels. Case studies present the field as a civic responsibility and public activity. Equips and energizes students to be involved in the quality of the built environment in general and historic preservation in particular wherever they may live, and wherever their professional paths may take them.

### Urban Design and Health

**ARTH-UA 682 Prerequisite: History of Architecture from Antiquity to the Present (ARTH-UA 601), Shaping the Urban Environment (ARTH-UA 661), and permission of the program director. Offered in the spring. 4 points.**

Architecture of modern cities, planning procedures, and technology in terms of their relationship to public health. Topics: building legislation; sanitary engineering; problems of pollution engendered and solved; design of mass housing; design of hospitals, including contemporary controversies and community participation; design and psychological disorder; and medical fact and theory and their relationship to architectural design.

### Honors Thesis and Independent Study in Urban Design and Architecture Studies

**Senior Honors Thesis: Urban Design and Architecture Studies**

**ARTH-UA 690, 691 Open to departmental majors who have been accepted as candidates for honors in urban design by the first term of their senior year and who have the permission of the director of undergraduate studies. 4 points per term.**

See this department’s subheading “Graduation with Departmental Honors” for eligibility requirements. Students are expected to work on their theses over a period of two semesters. A GPA of 3.65 in urban design courses and an overall GPA of 3.65 as stipulated by the College’s honors program regulations are necessary.

**Independent Study**

**ARTH-UA 803, 804 Prerequisites: written permission of the program director and of an adviser. 1 to 2 points per term.**

See this department’s subheading “Honors Thesis and Independent Studies in Art History.”

### Urban Design and Architecture Studies: Courses in Other CAS Departments Acceptable for Major Credit

**Urban Society**

**ANTH-UA 44 Prerequisite: Culture, Power, Society (ANTH-UA 1) or permission of the instructor. 4 points.**

See description under anthropology.
Urban Economics
ECON-UA 227  Identical to SCA-UA 751. Prerequisite: Introduction to Microeconomics (ECON-UA 2). 4 points. See description under economics.

Cities in a Global Context
SCA-UA 602  4 points. See description under metropolitan studies.

Cities, Communities, and Urban Life
SOC-UA 460  Identical to SCA-UA 760. 4 points. See description under sociology. With departmental approval, other courses may be substituted.

Graduate Courses Open to Urban Design and Architecture Studies Majors

Under special circumstances, students are allowed to enroll for courses in the Graduate School of Arts and Science and in the Robert F. Wagner Graduate School of Public Service. If these courses are credited toward the undergraduate degree, no advanced credit is allowed toward a graduate degree. The Wagner program offers undergraduate courses in management of nonprofit organizations and in the role of government in art production and consumption.
OVERVIEW

The program in Asian/Pacific/American studies, housed in the Department of Social and Cultural Analysis (SCA), offers a rigorous and broad education in the history and contemporary experiences of Asian peoples—whether from East Asia, South Asia, Central Asia, Southeast Asia, or from diasporic communities across the world—in the present-day Americas. Students gain an understanding of Asian American culture in relation to such topics as law, art, health, urban politics, community studies, (popular) culture, language, and art. The program collaborates closely with the A/P/A Institute to bring important artists, scholars, performers, and activists to campus where they engage in close dialogue with undergraduates, faculty, and the broader New York community. Its stellar teaching staff, many of whom also have prominent careers as curators, activists, and artists, offers a diverse range of courses from the politics of beauty to secret histories of New York.

FACULTY

Professors
Gopinath, Parikh, Tu

Associate Professors
Sandhu, Saranillio

Assistant Professor
Lee

Instructor
Hui

PROGRAM

Major

The Asian/Pacific/American studies major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses—may be taken in either order:
- Social and Cultural Analysis 101 (SCA-UA 101)
- Cultures and Contexts: Asian/Pacific/American Cultures (CORE-UA 539; offered every fall)

Six elective courses:
- Six designated Asian/Pacific/American studies electives, of which four must be taught by SCA faculty.
- SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective; one A/P/A language course can count as an elective if taught by SCA faculty.

One research course:
- Advanced Research Seminar (SCA-UA 90)
Minor

Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in Asian/Pacific/American studies. Students must take Cultures and Contexts: Asian/Pacific/American Cultures (CORE-UA 539; offered every fall). They also take four designated Asian/Pacific/American studies electives, of which two must be taught by SCA faculty. One A/P/A language course can count as an elective if taught by SCA faculty.

Language and Linguistic Competency

The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. Studying the modern incarnation of these languages reveals the cross-cultural forces that have shaped them. We speak what we are and have been. The department therefore strongly encourages its students to develop advanced skills in Cantonese, Filipino, and/or any language spoken in the Asia or Pacific regions by any of the following means: taking language courses offered in A/P/A studies; taking elective courses in sociolinguistics; studying these languages beyond the minimum level required by the College of Arts and Science; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research abroad in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses

Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program

Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about the honors program can be found at as.nyu.edu/sca.

COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101 Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

Cultures and Contexts: Asian/Pacific/American Cultures
CORE-UA 539 Offered every fall. 4 points.
See description under College Core Curriculum in this Bulletin.
Research Core

Advanced Research Seminar
SCA-UA 90  Prerequisite: Social and Cultural Analysis 101 (SCA-UA 101) or Cultures and Contexts: Asian/Pacific/American Cultures (CORE-UA 539). Offered every semester. 4 points.

Honors Program

Senior Honors Seminar
SCA-UA 92  Prerequisites: 3.65 GPA or higher (both overall and in the major), Social and Cultural Analysis 101 (SCA-UA 101), Cultures and Contexts: Asian/Pacific/American Cultures (CORE-UA 539), and permission of the department. Offered every fall. 4 points.

Senior Honors Thesis
SCA-UA 93  Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program

The 4-point internship program complements and enhances the formal course work of the A/P/A studies major. Students intern at agencies dealing with a range of issues pertaining to A/P/A studies and take a corequisite seminar that enables them to focus the work experience in meaningful academic terms. The goals of the internship are threefold: (1) to allow students to apply the theory they have gained through course work, (2) to provide students with analytical tools, and (3) to assist students in exploring professional career paths. The internship is open to juniors and seniors and requires an interview and permission of the department.

SCA Theory and Practice: The Internship Program
SCA-UA 42  Requires ten hours a week of fieldwork. 4 points.

Elective Courses

Asian American Literature
SCA-UA 306  Identical to ENGL-UA 716. Offered every year. 4 points.

Examines a variety of genres (poetry, plays, fiction and nonfiction, literary/cultural criticism, and nontraditional forms) by writers from diverse ethnic backgrounds. Explores the ways in which the writers treat issues such as racial and ethnic identity, immigration and assimilation, gender, class, sexuality, nationalism, culture and community, history and memory, and art and political engagement.

History and Literatures of the South Asian Diaspora
SCA-UA 313  Identical to ENGL-UA 721, HIST-UA 326. Offered every year. 4 points.

Addresses race as a structural or material dimension that comprises everyday experience and knowledge and can be "read" in objects, spaces, and events. Uses historical and legal texts, literature, and film, as well as scholarship from anthropology, sociology, and history, to examine concepts and themes related to U.S. ethnic studies and critical race theory (including citizenship, rights, segregation, whiteness, colonialism, labor, migration, and alienness).

Filming Asian America: Documenting Community
SCA-UA 361  4 points.

Presents filmmaking as a mode of community documentation and filmmakers as historians. Historical and theoretical overview leads to hands-on filmmaking.

Critical Indigenous Theory and Settler Colonialism
SCA-UA 372  4 points.

How are Native movements for decolonization offering culturally rich and historically meaningful alternatives to the current system? Examines critiques of...
capitalism; climate change; Indigenous resurgence and political ecology; statist and non-statist forms of de-occupation; anti-black racism and settler colonialism; queer settler colonialism; and food sovereignty.

**Food, Land, and Power**  
SCA-UA 375 4 points.  
Examines the historical and often ongoing transition from Indigenous economies and governance to contemporary modes of production. Emphasizes movements around sustainability, Indigenous resurgence, and food sovereignty that oppose and seek to replace industries founded upon resource extraction, a military industrial complex, industrial agriculture, and genetically modified crops.

**Topics in A/P/A Studies**  
SCA-UA 380 Offered every semester.  
4 points.  
Specific topics vary from semester to semester. Former topics have included “Yellow Peril”: Documenting and Understanding Xenophobia; Transnational Feminism; Cultural Politics of Food; and Politics of Fashion in the Asian Diaspora. Introduction to Native American and Indigenous Studies: The Politics of Introducing research and Indigenous survival in the future. Uses both historical and ethnographic approaches, in North America and beyond.

**Language Courses**

**Elementary Filipino I, II**  
SCA-UA 321, 322 Offered every year.  
4 points per term.  
Emphasis on mastering basic grammar skills and working vocabulary. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City.

**Intermediate Filipino I, II**  
SCA-UA 323, 324 Offered every year.  
4 points per term.  
Emphasis on the linguistic rules that enable the student to communicate with more competence. The lessons focus not only on language, but also use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Chinatown and other Cantonese-speaking neighborhoods.

**Related Courses**

The following courses count as faculty electives for the Asian/Pacific/American studies major and minor. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**AMERICAN STUDIES**

**Justice Lab**  
SCA-UA 19 2 points.

**Work, Labor, and Power**  
SCA-UA 221 4 points.

**Comparative U.S. Ethnic Studies**  
SCA-UA 224 4 points.

**Intersections: Race, Gender, and Sexuality in U.S. History**  
SCA-UA 230 4 points.

**Ethnicity and the Media**  
SCA-UA 232 Identical to ANTH-UA 232.  
4 points.

**Social Movements and Alternative Futures**  
SCA-UA 237 4 points.

**Couture/Culture: Fashion and Globalization**  
SCA-UA 253 4 points.

**GENDER AND SEXUALITY STUDIES**

**Queer Cultures**  
SCA-UA 450 4 points.
Gender, Globalization, and Politics of KPOP  
SCA-UA 476  4 points

METROPOLITAN STUDIES  
Race and the Neoliberal Metropolis  
SCA-UA 614  4 points.

Cinema and Urbanism  
SCA-UA 624  4 points.

Cross-Listed Electives

Majors and minors may take no more than two of these courses. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

EAST ASIAN STUDIES  
Modern Korea and the Korean Diaspora  
SCA-UA 834  Identical to EAST-UA 735.
4 points.

HISTORY  
Native North America  
SCA-UA 748  Identical to HIST-UA 87.  
Lecture. 4 points.

SOCIOLOGY  
Race and Ethnicity  
SCA-UA 803  Identical to SOC-UA 135.  
4 points.

STEINHARDT SCHOOL OF CULTURE, EDUCATION, AND HUMAN DEVELOPMENT  
American Dilemmas: Race, Inequality, and the Unfulfilled Promise of Education  
SCA-UA 755  Identical to TCHL-UE 41.
4 points.
The science of biology reveals the workings of life in all its varied forms. The Department of Biology is home to world-class laboratories with faculty dedicated to pushing the frontiers of knowledge and educating the next generation of scientists and biomedical professionals. Research and teaching span the range of modern biology, from microbes to multicellular animals and plants, and from molecular and cellular processes to genetics, development, behavior, and evolution.

The department is committed to providing an education that is rigorous, exciting, and inclusive. Students are exposed to modern concepts and state-of-the-art methods throughout their studies, from introductory courses to upper-level electives that explore major fields of biology in depth. Education extends beyond the classroom as well. Students are encouraged to participate in laboratory research in the department and at other New York institutions. Students also may study away while advancing in the major, an opportunity for global engagement that science majors elsewhere typically do not have.

The biology majors and minors provide outstanding preparation for careers in research, academia, medicine, dentistry, and related fields. Graduates of the department have a remarkable record of success in acceptance into professional schools and in establishing notable careers in the biomedical sciences.
Major in Biology (Bachelor of Arts): General Information

Three options are available to students pursuing a major in biology. The standard biology track gives majors a broad background, with the laboratory, quantitative, and reasoning skills needed for today’s biology. The ecology track also provides students with a broad background in modern biology, but with a focus on ecological concepts, approaches, and analytical methods. It is primarily intended for students planning to pursue graduate study in ecology or a related field. Finally, the global public health/science major with a concentration in biology provides students with strong foundations in biological science and global public health, with a focus on one of three emphasis areas: genetics and genomics, infectious diseases, or environmental health.

Each biology major is assigned a faculty adviser from the department and meets with that professor to select courses in the context of the student’s academic and career goals. Faculty advisers also guide students in pursuing opportunities for curricular enhancement, such as research experiences and study away.

To permit the maximal choice of appropriate upper-level courses, we strongly recommend that students take Principles of Biology I and II (BIOL-UA 11, 12), General Chemistry I and II and Laboratories (CHEM-UA 125, 126), and calculus in the first year. Detailed additional information on course planning is available through the department website and should be discussed with the faculty adviser. Programs of majors must be approved each term by a department adviser. All courses counted toward the major must be completed with a grade of C or better.

Standard Biology Track

The standard track of the biology major requires 16 courses (70 points), as follows.

Biology core courses (four courses/16 points):
• Principles of Biology I and II (BIOL-UA 11, 12)
  NOTE: Biology majors are not required to register for the 1-credit Principles of Biology Lab (BIOL-UA 123). It is intended for prehealth students not majoring in biology.
• Molecular and Cell Biology I and II (BIOL-UA 21, 22)
  NOTE: Students may also register for the optional 1-credit Molecular and Cell Biology Lab (BIOL-UA 223) concurrently with MCB I (BIOL-UA 21).

Five upper-level biology courses (five courses/20 points):
• Biology majors must complete five additional 4-point upper-level biology courses. In consultation with their adviser or with the director of undergraduate studies, students select at least one course from each of the following three skill categories, plus two additional electives:
  1. Laboratory skill courses: “At the Bench” or research courses
  2. Quantitative skill courses: math, computational, and modeling courses
  3. Reasoning skill courses: reading-intensive courses

The two additional upper-level electives may be satisfied either by taking advanced biology courses (electives covering key areas of biology) or by taking additional reasoning, quantitative, or laboratory skills courses. A current list of advanced biology courses and of courses satisfying
each category above is maintained on the official website of the department of biology.

Additional courses required for biology standard track majors (seven courses/34 points):
• Chemistry (four courses/20 points):
  o General Chemistry and Laboratory I and II (CHEM-UA 125, 126)
  o Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226)

• Physics (two courses/10 points):
  o General Physics I and II (PHYS-UA 11, 12)

• Mathematics (one course/4 points):
  o Calculus I (MATH-UA 121)

Ecology Track
The ecology track of the biology major requires 16 courses (69 points), as follows.

Ecology core courses (four courses/16 points):
• Principles of Biology I and II (BIOL-UA 11, 12)
  NOTE: Biology majors are not required to register for the 1-credit Principles of Biology Lab (BIOL-UA 123). It is intended for prehealth students not majoring in biology.

• Molecular and Cell Biology I (BIOL-UA 21)
  NOTE: Students may also register for the optional 1-credit Molecular and Cell Biology Lab (BIOL-UA 223) concurrently with MCB I (BIOL-UA 21).

• Fundamentals of Ecology (BIOL-UA 63)

Five upper-level biology courses (five courses/20 points):
• Biology majors must complete five additional 4-point upper-level biology courses. In consulta-
  tion with their adviser or with the director of undergraduate studies, students select at least one
  course from each of the following three skill categories, plus two additional electives:

1. Laboratory skill courses: “At the Bench” or research courses
2. Quantitative skill courses: math, computational, and modeling courses
3. Reasoning skill courses: reading-intensive courses

The two additional upper-level electives may be satisfied either by taking advanced biology
courses (electives covering key areas of biology) or by taking additional reasoning, quantitative,
or laboratory skills courses. A current list of advanced biology courses and of courses satisfying
each category above is maintained on the official website of the Department of Biology. Note that
the set of courses that may be used as electives for the ecology track is not identical to the set
that may be used for the standard biology track.

Additional courses required for ecology track majors (seven courses/34 points):
• Chemistry (four courses/20 points):
  o General Chemistry and Laboratory I and II (CHEM-UA 125, 126)
  o Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226)

• Physics (one course/5 points):
  o General Physics I (PHYS-UA 11)

• Mathematics (two courses/8 points):
  o Calculus I (MATH-UA 121)
  o Calculus II (MATH-UA 122) or Linear Algebra (MATH-UA 140)
**Global Public Health/Science Major with Concentration in Biology**

Students pursuing this combined major complete a concentration in biology that emphasizes one of the following areas: genetics and genomics, infectious diseases, or environmental health. This major provides a unique opportunity for students to explore cutting-edge life science and how recent advances can help address some of the world's most complex health challenges. Graduates are well-prepared to pursue professional studies in medicine, dentistry, public health, and nutrition, as well as academic and research positions.

Departmental advising is absolutely crucial for students pursuing this demanding major. Students must satisfy all requirements of the College Core Curriculum (the First-Year Seminar, foreign language, expository writing, and Foundations of Contemporary Culture). Careful planning is necessary to ensure that all major, prehealth, and College Core Curriculum requirements can be completed in four years.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the twenty-two courses (94 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
- Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
- Biostatistics (BIOL-UA 42), taken in lieu of Biostatistics for Public Health (UGPH-GU 20).
- Epidemiology for Global Health (UGPH-GU 30)
- Health Policy in a Global World (UGPH-GU 40)
- Environmental Health in a Global World (UGPH-GU 50)
- Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

**Note well:** UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
- This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
- Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major.

For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.

Biology core courses (four courses/16 points):
- Principles of Biology I and II (BIOL-UA 11, 12)

**Note:** Biology majors are not required to register for the 1-credit Principles of Biology Lab (BIOL-UA 123). It is intended for prehealth students not majoring in biology.
• Molecular and Cell Biology I and II (BIOL-UA 21, 22)

NOTE: It is strongly recommended that students in this combined major take the optional 1-credit Molecular and Cell Biology Lab (BIOL-UA 223) concurrently with MCB I (BIOL-UA 21).

Biology emphasis area (two courses/8 points):
• Students select two upper-level biology courses from one of these three areas:
  1. Genetics and genomics
  2. Infectious diseases
  3. Environmental health

A current list of courses satisfying each area is maintained on the official website of the Department of Biology.

Additional required courses in science and mathematics (seven courses/34 points):
• Chemistry (four courses/20 points):
  o General Chemistry and Laboratory I and II (CHEM-UA 125, 126)
  o Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226)

• Physics (two courses/10 points):
  o General Physics I and II (PHYS-UA 11, 12)

• Mathematics (one course/4 points):
  o Calculus I (MATH-UA 121)

Major electives (three courses/12 points):
• One additional biology elective must be completed by all students pursuing this major. A current list of courses approved as electives is maintained on the official website of the Department of Biology.
• A second (and, for some students, also a third) elective must be completed that either is one of these approved biology electives or an elective approved by the GPH program, as follows:
  o Students who matriculate in and after fall 2021 must take three major electives in total. The third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
  o Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

For descriptions of UGPH-GU courses and for all policies applying to the major (including those for transfer students), please see the global public health section of this Bulletin.

Minors

The department offers four minors in biology designed to hone skills in one of four contemporary areas: molecular and cell biology, genetics, genomics and bioinformatics, or environmental biology.

The following courses (completed with grades of C or higher) are required for the specific minors. Students interested in one of the minors offered in biology should consult the director of undergraduate studies as early as possible to plan a course of study that meets their needs. Each minor consists of five 4-point courses plus one 1-point lab (21 points).

Minor in molecular and cell biology: BIOL-UA 11, 12, 21, and 22; either BIOL-UA 123 or BIOL-UA 223; At the Bench: Applied Cell Biology (BIOL-UA 37).
Minor in genetics: BIOL-UA 11, 12, and 21; either BIOL-UA 123 or BIOL-UA 223; either Genetics (BIOL-UA 30) or Biostatistics and Human Genetics (BIOL-UA 45); either At the Bench: Laboratory in Genetics (BIOL-UA 31) or At the Bench: Epigenetics (BIOL-UA 130).

Minor in genomics and bioinformatics: BIOL-UA 11, 12, and 21; either BIOL-UA 123 or BIOL-UA 223; either Genome Biology (BIOL-UA 38) or Bioinformatics in Medicine and Biology (BIOL-UA 103) or Fundamentals of Bioinformatics (BIOL-UA 124); one of the following: Microbiology and Microbial Genomics (BIOL-UA 44), Special Topics: Computing with Large Data Sets (BIOL-UA 120), Programming for Biologists (BIOL-GA 1007), Biological Databases and Data Mining (BIOL-GA 1009), Bioinformatics and Genomes (BIOL-GA 1127), Systems Biology (BIOL-GA 1128), or Applied Genomics: Introduction to Bioinformatics and Network Modeling (BIOL-GA 1130).

Minor in environmental biology: BIOL-UA 11, 12; BIOL-UA 123, or the equivalent; one of the following laboratory courses: Ecological Field Methods (BIOL-UA 16), Ecological Analysis with Geographic Information Systems (BIOL-UA 64), or At the Bench: Disease Ecology (BIOL-UA 500); two of the following: Biostatistics (BIOL-UA 42), Evolution (BIOL-UA 5B), Fundamentals of Ecology (BIOL-UA 63), Biogeochemistry of Global Change (BIOL-UA 66), New York Underground (BIOL-UA 327), Current Topics in Earth System Sciences (BIOL-UA 332), or Urban Ecology (BIOL-UA 390).

Honors Program

Candidates for a degree with honors in biology must have an overall GPA of at least 3.65 and a minimum 3.65 GPA in all science and mathematics courses required for the major. It is the student’s responsibility to secure a faculty member to sponsor the research and to provide laboratory space and equipment. All research credits should be completed by the end of the junior year.

In addition to all courses required for the biology major, students pursuing honors must also complete the following three courses (10 points):
• One semester of either Independent Study (BIOL-UA 997, 998; 4 points per term) or Internship (BIOL-UA 980, 981; 4 points per term). Department approval of laboratory-based research is required. Application forms are available online on the Department of Biology’s website. For biology majors on the standard track or on the ecology track, this research course may count as one of the five required upper-level elective courses. For GPH/science majors with concentration in biology, this research course may count as one of the two additional major electives (not as an emphasis area elective). Note that GPH/science majors with concentration in biology must also take Experiential Learning (UGPH-GU 60) as part of the core GPH requirements. It is recommended that honors track students enroll in section 002 (Individual Project) of UGPH-GU 60 while engaged in mentored research (but not in the same semester as BIOL-UA 980, 981, 997, or 998).
• Becoming a Scientist (BIOL-UA 995, 4 points): must be taken in the fall semester before graduation. This course counts toward the reasoning skill category.
• Undergraduate Research Thesis (BIOL-UA 999, 2 points): must be taken in the final semester. Students prepare a written thesis based on the research results from their independent study or internship experience and defend the thesis at an oral examination before a faculty committee. Application forms, available online on the Department of Biology’s website, must be submitted by the beginning of the final semester.

General Information

ADVANCED PLACEMENT

Students who achieve a score of 4 or 5 on the College Entrance Examination Board Advanced
Placement Examination in Biology (or have equivalent international exam credits) are exempted from taking the Principles of Biology I, II (BIOL-UA 11, 12) sequence. However, because of medical, dental, and other professional school requirements, students on the pre-health track cannot place out of Principles of Biology.

AP (or equivalent international exam credits) in chemistry cannot count toward any majors or minors offered by the Department of Biology, or substitute for General Chemistry I, II (CHEM-UA 125, 126) wherever this sequence is a corequisite or prerequisite for any BIOL-UA course.

SUGGESTED COURSE PLANS

For reference, suggested four-year course plans for biology majors, including those on the pre-health track and those in the global public health/science major with concentration in biology, are available on the official website of the Department of Biology.

STUDY AWAY

Opportunities for study away that are appropriate for biology majors are available on the official website of the Department of Biology.

GRADUATE COURSES

A number of courses in specialized fields are offered at the graduate level. Courses at the BIOL-GA 1000 level are available to undergraduates who have the necessary prerequisites. To take any of the relevant BIOL-GA 1000-level graduate courses in biology, students must obtain the approval of the course instructor and the director of undergraduate studies and have their registration material approved in the department’s graduate office.

Courses That Do Not Count Toward a Major or Minor in Biology

Evolution of the Earth
BIOL-UA 2  Identical to ENYST-UA 210. Does not count toward the major or minor in biology. May not be taken after BIOL-UA 11, 12. Lecture. Offered in the fall. Rampino. 4 points.
Covers the cosmic, geological, and biological history of earth. Subject matter includes the astronomical context of planet earth; the origin of earth and other similar planets; what makes a planet habitable; the major highlights in earth’s development; and the origin and evolution of life and intelligence.

Human Reproduction and Development
BIOL-UA 3  Does not count toward the major or minor in biology. May not be taken after BIOL-UA 11, 12. Lecture. Offered in the summer. Lee. 4 points.
Introduction to human reproductive anatomy, physiology and endocrinology, conception, pregnancy and development of the human embryo, childbirth, and principles of human heredity. Related topics are contraception and sexually transmitted diseases.

Human Physiology
BIOL-UA 4  Does not count toward the major or minor in biology. May not be taken after BIOL-UA 11, 12. Lecture. Offered in the summer. Lee. 4 points.
How the human body functions. Overview of cellular structure and function is followed by an in-depth study of the nervous, endocrine, cardiovascular, and other organ systems.

Human Biology
BIOL-UA 6  Does not count toward the major or minor in biology. May not be taken after BIOL-UA 11, 12. Lecture. Offered in the fall. 4 points.
How to critically evaluate reports about familiar and exotic diseases, promising advertisements for dubious
treatments, and contradictory opinions on the ethics and efficacy of new health technologies. Examines how the human body and select diseases operate and how our efforts to control or cure our bodies work (or fail). Also considers how treatments are tested, how news about health is reported, and how human activities influence the incidence and spread of diseases.

**Practical Human Physiology**
BIOL-UA 7 *Does not count toward the major or minor in biology. Lecture and laboratory. Offered every semester. Tan. 4 points.*
Introduces beginning health professional students to how the human body works and the close interrelationship between anatomy and physiological mechanisms. Students are introduced to both clinical and research methodologies and apply this knowledge in a laboratory setting.

**Essential Molecular Biology: Dissecting the Cellular Machinery**
BIOL-UA 10 *Does not count toward the major or minor in biology. May not be taken after BIOL-UA 11, 12. Lecture. Offered in the summer. 4 points.*
Examines how the “molecules of life” (e.g. DNA, RNA, and proteins) work together to make complex organisms, how they interact with each other, and what happens when things go wrong. Also explores how we know what we know in molecular biology, including a discussion of the experiments that led to these discoveries, questions that remain unanswered, and cutting-edge technologies that are key to bridging gaps in understanding of the molecular components of life.

**Where the City Meets the Sea: Studies in Coastal Urban Environments**
BIOL-UA 140 *Offered every fall. 4 points.*
Over half of the human population lives within 100 kilometers of a coast, and coastlines contain more than two-thirds of the world’s largest cities. Uses the built and natural environments of coastal cities as laboratories to examine the environmental and ecological implications of urban development in coastal areas. Student teams use field-based studies and Geographic Information System (GIS) data to examine patterns and processes operating in coastal cities. Offered simultaneously in New York and Abu Dhabi; students collaborate extensively with students from their sister campus.

**Core Courses for the Major and Minor in Biology**

**Principles of Biology I, II**
BIOL-UA 11, 12 *Corequisite for BIOL-UA 11: General Chemistry I and Laboratory (CHEM-UA 125). Prerequisite for BIOL-UA 12: BIOL-UA 11; corequisite for BIOL-UA 12: General Chemistry II and Laboratory (CHEM-UA 126). A grade of C or better is required to count a course toward any major; any student with a grade less than C in a prerequisite course must consult the director of undergraduate studies before enrolling. Lecture and recitation. Offered in the fall and spring. Carmona-Fontaine, Christiaen, Desplan, Ercan, Siegal. 4 points per term.*
In-depth study of cell biology, with an emphasis on the molecular aspects of cell function. Topics include: protein structure and synthesis; gene expression and its regulation; cell replication; and specialized cell structure and function. Provides an introduction to genomics and bioinformatics and examines developmental biology, evolution, and systems biology.

**Principles of Biology I, II in London**
BIOL-UA 9011, 9012 *Identical to BIOL-UA 11, 12, with the same prerequisites/corequisites and requirements. 4 points per term.*

**Principles of Biology II in Sydney**
BIOL-UA 9012 *Identical to BIOL-UA 12, with the same prerequisites/corequisites and requirements. 4 points.*

**Molecular and Cell Biology II in Tel Aviv**
BIOL-UA 9022 *Identical to BIOL-UA 22, with the same prerequisites/corequisites and requirements. 4 points.*
Upper-Level Courses for the Major and Minor in Biology

Ecological Field Methods
BIOL-UA 16  Prerequisite: Principles of Biology I, II (BIOL-UA 11, 12); prerequisite or corequisite: Fundamentals of Ecology (BIOL UA-63). Lecture. Offered in the fall. Schneider-Paolantonio. 4 points.
Teaches the skills needed to design and implement field experiments, interpret data, and present ecological research. While investigating real habitats (forests, salt marshes, urban landscapes), students perform biological surveys and measure abiotic parameters. Ecological techniques are nested within questions in biodiversity and community structure, invasion biology, urban ecology, habitat alteration, and climate change. Course meets at off-campus field sites approximately half the time.

Vertebrate Anatomy
BIOL-UA 23 Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Lecture and laboratory. Offered in the spring. Galifianakis. 4 points.
Study of the evolutionary development of backboned animals, with emphasis on the mammals. Treats the major organ systems of vertebrate groups, with stress on structural-functional interpretations. Laboratory work includes detailed dissection of representative vertebrates. Field trips to the American Museum of Natural History help illustrate some of the topics.

Physiology
BIOL-UA 25 Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Lecture and laboratory. Offered in the fall. Galifianakis. 4 points.
Comparative approach to vertebrate and invertebrate physiology. Focus on the physiological integration of organ systems, underlying cellular/molecular mechanisms, and adaptation. Special topics include: human physiology in extreme environments (high-altitude and diving), a detailed analysis of mammalian vision, animal sleep and hibernation, and the comparative physiology of animals that live at deep-sea hydrothermal vents. The laboratory includes traditional physiology experiments, as well as an introduction to bioinformatics.

Developmental Biology
BIOL-UA 26 Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the spring. Birnbaum. 4 points.
Covers the cellular and molecular basis for patterns in the embryo; the determination of cell fate; cell differentiation; the genes controlling these events, and how they are identified and studied; the cellular proteins that affect shape, movement, and signaling between cells. Special emphasis on the experimental basis for knowledge of these subjects from studies in fruit flies, nematodes, frogs, plants, and mice.

At the Bench: Physiology
BIOL-UA 27 Prerequisite: Principles of Animal Physiology (BIOL-UA 25). Offered in the spring. Galifianakis. 4 points.
Covers three themes in experimental physiology: molecular and cellular systems; nervous and endocrine control of systems; organ and body systems. The basic structure and function for each system is examined in an experimental setting to demonstrate how a particular system contributes to maintaining homeostasis. Through student-designed experiments, introduces the technical foundations of experimental design, critical data analysis, and modeling.

Genetics
BIOL-UA 30 Corequisite: Molecular and Cell Biology I (BIOL-UA 21). Lecture and recitation. Offered in the fall. Rushlow. 4 points.
Introductory coverage of classical genetics, chromosome structure and mutation, gene function and regulation, and aspects of molecular and developmental genetics. Recent studies in human genetics and their applications are also discussed.

At the Bench: Genetics and Genomics
BIOL-UA 31 Prerequisite or corequisite: Molecular and Cell Biology I (BIOL-UA 21) and Genetics (BIOL-UA 30). Laboratory. Offered in the fall. Osmundson. 4 points.
Students characterize mutants genetically and phenotypically. Analyses of dominance, linkage, recombination, dosage effects, and complementation, followed by genetic approaches made possible by the availability of complete genome sequences (genomics). Special note: although the class is held at the listed hours (as described on Albert) and attendance at the start of each class session is mandatory, the biological nature of the work may require some laboratory time outside the scheduled laboratory session.

Gene Structure and Function
BIOL-UA 32 Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the spring. Brayde. 4 points.
Intermediate examination of the molecular basis of gene action in viruses, prokaryotes, and eukaryotes. Covers topics drawn from the following areas or other current work: structure and organization of the genetic material, replication, repair, transcription, translation, recombination, oncogenesis, and regulation of gene expression.

At the Bench: Applied Cell Biology
BIOL-UA 37 Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Laboratory. Offered in the spring. Tan. 4 points.
Introduction to the methodology used to study cell structure and function. The fundamentals of cell biology and the experimental approaches used to
examine the cell. Experimental topics cover cellular, subcellular, and macromolecule localization; biochemical analysis of the cell; and cell culture techniques.

Genome Biology
BIOL-UA 38  Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Offered every year. Gansalus. 4 points.

Thanks largely to the Human Genome Project, the ability to collect vast amounts of genome-scale sequence and functional data (genomics) and to analyze them computationally (bioinformatics) allows new approaches to unanswered questions and the posing of new questions about the biology of genomes. Familiarity with these fields is crucial for the next generation of scientists and thinkers in areas such as public policy, medicine, health, and the environment.

Biostatistics
BIOL-UA 42  Prerequisite: Principles of Biology II (BIOL-UA 12). Offered in the fall and spring. 4 points.

Provides an introduction to the use of statistical methods for analyzing biological data. Introduces methods for describing and displaying data, the role and use of probability in describing and understanding living systems, hypothesis testing, and how to design experiments. Biological data and R—a free, open-source statistical software package—are used to gain proficiency with these tools.

Microbiology and Microbial Genomics
BIOL-UA 44  Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the fall. Eichenberger. 4 points.

Intended for majors and minors in biology as a comprehensive description of microbes, the most abundant and diverse organisms on the planet. Organized into four modules: the microbial cell, microbial genomics, microbial development and adaptation, and microbial interactions with the host and the environment. Through lectures and critical analysis of primary literature students examine how the advent of genomics has revolutionized microbiology, a scientific discipline that is more than a century old.

Biostatistics and Human Genetics
BIOL-UA 45  Formerly Quantitative Methods in Human Genetics. Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered every year. Gresham. 4 points.

Introduction to the human genome and the statistical methods that are required for its study. Fundamental concepts in human genetics: inheritance of Mendelian disease, population genetics, multifactorial disease, and functional genomics. Introduction to the statistical concepts and tools that are required to study inheritance, genes, and gene function, including probability and conditional probability, hypothesis testing, ANOVA, regression, correlation, likelihood, and principal component analysis. Integrates weekly exercises using the statistical programming language R.

Immunology
BIOL-UA 50  Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Offered in the fall. Galifianakis. 4 points.

Introduction to immunology, with attention to the genetics and molecular and cell biology of antibody production; T-cell mediated immune responses; and innate immunity. Topics include the nature of antigens, hypersensitivities, transplantation, cytokines, autoimmunity, cancer, response to infection, and vaccines.

Evolution
BIOL-UA 58  Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the fall. Fitch. 4 points.

Introduction to a broad range of topics in modern evolutionary thought and practice, including ecological context of evolutionary change, interpretation of the fossil record, patterns of extinctions, speciations and biogeographic distributions, genetic variation and population structure, natural selection and adaptations, reconstruction of evolutionary history and phylogeny, molecular evolution, evolutionary novelties and the evolution of developmental systems, and human evolution and social issues.

Fundamentals of Ecology
BIOL-UA 63  Prerequisite: Principles of Biology II (BIOL-UA 12). Offered in the fall. Schneider-Paolantonio. 4 points.

Investigates the relationship between abiotic and biotic components of an ecosystem. Building upon an introduction to environmental factors, students examine the interplay between these components at the organismal, population, community, and ecosystem levels. Discusses current ecological applications and issues, such as habitat destruction, sustainability, disease, invasive species, and global climate change. Intended for students majoring in biology (ecology track) and environmental studies.

Ecological Analysis with Geographic Information Systems
BIOL-UA 64  Prerequisite: Principles of Biology II (BIOL-UA 12). Offered in the spring. Killilea. 4 points.

Geographic information systems (GIS) are computerized systems for the capture, storage, management, analysis, and display of geographically referenced data and their attributes. Emphasizes mastery of the basic principles and applications of GIS, including coordinate systems, data transformations, spatial analysis, and accuracy assessment. Laboratory exercises analyze ecological data and examples and provide extensive hands-on experience with ArcGIS, a professional GIS software package.
Biogeochemistry of Global Change
Biol-UA 66  Identical to Envst-UA 370. Prerequisite: Principles of Biology II (Biol-UA 12) or Environmental Systems Science (Envst-UA 100). Offered in the spring. Killilea. 4 points.

Biogeochemistry is the study of biological controls on the chemistry of the environment and geochemical regulation of ecological structure and function. Utilizes the scientific literature from peer-reviewed journals to explore specific case studies (e., acid precipitation, nitrogen deposition, eutrophication of the oceans, etc.).

At the Bench: Microbiology
Biol-UA 70  Prerequisite: Microbiology and Microbial Genomics (Biol-UA 44) or Immunology (Biol-UA 50). Offered every spring. Carrozza. 4 points.

For students majoring in biology and those seeking to fulfill requirements for entrance into advanced degree programs. Students culture bacteria from soil and fermented food products. Bacteria are isolated from these sources and identified using a variety of microbiological techniques. Data obtained from microbiological techniques and comparison of DNA sequences with computer databases used to identify the unknown bacterial isolates. Also treats such applied microbiology as microbial analysis of water and antimicrobial sensitivity testing.

Introduction to Neural Science
Biol-UA 100  Identical to Neurl-UA 100. Prerequisite: Principles of Biology I (Biol-UA 11) or Biol-GA 1111 is taken. Offered in the spring. Glmcher, Movshon. 4 points. See description under neural science. Bioinformatics in Medicine and Biology Biol-UA 103  Prerequisite: Molecular and Cell Biology I (Biol-UA 21). Offered every fall. Katari. 4 points.

Due to recent advancements in High Throughput Genomics technology, we can study the function of many genes and compare genes in normal vs. diseased cells so as to better understand the molecular mechanisms of different diseases. Students learn how to program in R (a powerful statistical programming language), use statistical methods to analyze real biomedical data, and learn how to interpret the results.

Special Topics: Computing with Large Data Sets
Biol-UA 120  Identical to Cscj-UA 480. Prerequisite: Molecular and Cell Biology I (Biol-UA 21) and Calculus I (Math-UA 121). Bonneau. 4 points.

See description under computer science.

Principles of Biology Laboratory
Biol-UA 123  Corequisite: Principles of Biology II (Biol-UA 12). Offered every spring and summer session 11. 1 point.

Intended for non-biology majors on the prehealth track. Acquaints the student with the fundamental principles and processes of biological systems through application of modern experimental techniques. Laboratory exercises illustrate the basics of experimental biology, molecular biology, biochemistry, and physiology, as well as the diversity of life forms.

Fundamentals of Bioinformatics
Biol-UA 124  Prerequisite: Molecular and Cell Biology I (Biol-UA 21). Offered every year. 4 points.

Bioinformatics is the development and application of computational and statistical methods to analyze large data sets from biological and medical experiments. Introduction to the fundamental concepts of major branches of bioinformatics, from the study of DNA sequences to the study of macromolecular structure to the detection of differential gene activity. Students perform hands-on analyses of publicly available data. There is no computer programming; open-source software applications are used to illustrate concepts and teach students basic skills.

At the Bench: Epigenetics
Biol-UA 130  Formerly At the Bench: Biological Chemistry—Genomes to Molecular Machines. Prerequisites: Molecular and Cell Biology I (Biol-UA 21) and Organic Chemistry I, II and Laboratories (Chem-UA 225, 226). Offered every fall. 4 points.

Using biochemical and genetic approaches with the yeast Saccharomyces cerevisiae, students characterize a large multisubunit protein complex that modifies chromatin and is involved in gene regulation. Affinity chromatography is used to produce purified preparations of wild-type and mutant protein complexes. Biochemical techniques include: silver-stained SDS-PAGE, western blot, colorimetric enzymatic assay, and protein interaction assays. Genetic experiments evaluate the importance of the protein complex in cell growth and gene regulation in the cell.

At the Bench: Immunology
Biol-UA 150  Prerequisites: Molecular and Cell Biology II (Biol-UA 22) and one of the following: Principles of Animal Physiology (Biol-UA 25) or Microbiology and Microbial Genomics (Biol-UA 44) or Immunology (Biol-UA 50). Offered in the fall. Galifianakis. 4 points.

Lectures provide information about immune cells and their role in innate and adaptive immune responses; the function, structure, types, and development of antibodies and the mechanisms behind their effects; the mechanism of stress; and the role of cortisol and the nervous system in stress response. Laboratories focus on immunological methods employing antibodies. Students collect and analyze data, carry out a research project, and develop the req-
uisite skills for reading, presenting, and writing scientific papers.

**Cellular and Molecular Neuroscience**
Biol-UA 201 Identical to Neuro-UA 210. Prerequisites: Molecular and Cell Biology I (Biol-UA 21) and Introduction to Neural Science (Biol-UA 100), and Organic Chemistry I and Laboratory (Chem-UA 225). Offered in the fall. Aoki, Carter, Klann, Reyes. 4 points. See description under neural science.

**Behavioral and Integrative Neuroscience**
Biol-UA 202 Identical to Neuro-UA 220, Psych-UA 52. Prerequisites: Molecular and Cell Biology I (Biol-UA 21) and Introduction to Neural Science (Biol-UA 100). Offered in the spring. Constantinople, Kiani, Peron, Pesaran. 4 points. See description under neural science.

**Molecular and Cell Biology Laboratory**
Biol-UA 223 Corequisite: Molecular and Cell Biology I (Biol-UA 21). Offered every fall, 1 point.
Applies concepts learned in the Molecular and Cell Biology course (Biol-UA 21) to a molecular biology research project. Introduces students to such standard genetic and biochemical techniques as DNA isolation, agarose-gel electrophoresis, and transformation. Provides students with a hands-on understanding of how modern DNA sequencing technology, along with bioinformatic tools, can be used to discover genetic differences and understand cellular function.

**Mathematics in Medicine and Biology**
Biol-UA 255 Identical to Math-UA 255. Prerequisites: Molecular and Cell Biology I (Biol-UA 21) and one semester of calculus. Peskin, Tranchina. 4 points.
Discussion of topics of medical importance using mathematics as a tool: control of the heart, optimal principles in the lung, cell membranes, electrophysiology, countercurrent exchange in the kidney, acid-base balance, muscle, cardiac catheterization, and computer diagnosis. Material from the physical sciences is introduced and developed.

**Computers in Medicine and Biology**
Introduces students of biology or mathematics to the use of computers as tools for modeling physiological phenomena. Each student constructs two computer models selected from the following: circulation, gas exchange in the lung, control of cell volume, and the renal countercurrent mechanism.

**Neurobiology: Genes, Neurons, and Behavior**
Biol-UA 310 Prerequisites: Principles of Biology I, II (Biol-UA 11, 12) and Molecular and Cell Biology I (Biol-UA 21). Offered every other summer, 4 points.
Begins with an introduction to neuronal function and communication and then turns to a study of how neurons function in sensory perception (e.g., olfaction) and behavior (e.g., circadian rhythms). Highlights the role of genetics in identifying key genes and in manipulating specific neurons to understand their function by introducing classic papers from the primary literature. Students also learn how to design novel experiments that build on these papers. Concludes with examples of human nervous system pathologies with their genetic bases.

**New York Underground**
Biol-UA 327 Identical to Envst-UA 327. Prerequisite: Principles of Biology II (Biol-UA 12) or Environmental Systems Science (Envst-UA 100). Offered in the spring. Schneider-Paolantonio. 4 points.
Investigates the life and resources underneath New York, with a focus on energy, transportation, and water (potable and waste). Concludes with the biotic components of New York’s fascinating dendritic underground environment. Features hands-on data collection and field trips (including one all-day field trip).

**Current Topics in Earth System Science: Mass Extinctions, Geologic Processes, and Evolution**
Biol-UA 332 Identical to Envst-UA 332. Prerequisite: Principles of Biology II (Biol-UA 12). Offered in the spring. Rampino. 4 points.
See description under environmental studies.

**Urban Ecology**
Cities are unique from other systems in terms of hydrology, temperature, noise, air quality, and many other abiotic factors. Investigates the consequences of urban constructs on ecological systems. Topics: nutrient cycling, organismal behavior and phenology, disease, drivers and patterns of biodiversity in urban systems, green spaces, urban planning, and the future of these expanding man-made landscapes.

**At The Bench: Disease Ecology**
Biol-UA 500 Formerly Environmental and Molecular Analysis of Disease. Prerequisite: Fundamentals of Ecology (Biol-UA 63) or Molecular and Cell Biology I (Biol-UA 21). Laboratory. Offered in the fall. Killilea, Nikolai. 4 points.
Environmental determinants of disease vectors and the molecular techniques used to measure prevalence of a patho-
Viral Biodiversity and Evolution
BIOL-UA 505  Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the spring. 4 points.

The most dominant entity on the planet is viruses. Viruses are the ultimate parasites but also play a unique role in remodeling genomes of the hosts they infect. Through a combination of lecture and discussion of the scientific literature, this course will survey the diversity that exists in the virosphere, including the latest virus discoveries. Covers principles of virus evolution, emergence of novel strains, adaptation to new hosts, and transmission dynamics.

Cancer Biology
BIOL-UA 530  Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Offered in the spring. 4 points.

Covers fundamental mechanisms of cancer emergence and evolution. This has led to significant discoveries and therapeutic improvements, but a definitive cure remains elusive. Topics include: fundamental molecular and cellular mechanisms behind tumor initiation; how tumors evolve; how the evolutionary process is largely responsible for difficulties in eradicating cancer; how basic research has enabled novel therapeutic approaches that are bringing us a step closer to curing cancer.

Plant Science and Biotechnology
BIOL-UA 560  Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the spring. Birnbaum. 4 points.

Focuses on the organismal and molecular biology of plants with emphasis on subjects that have a direct impact on imminent societal challenges. Aims to provide a scientific basis to understand often controversial approaches, like the introduction of C4 photosynthesis into crops to stabilize food production. Material incorporates concepts in genetics and molecular biology. Emphasizes development of rigorous scientific communication skills needed for a career in research and medicine.

Evolutionary Zoology
BIOL-UA 700  Prerequisite: Molecular and Cell Biology II (BIOL-UA 22) or Fundamentals of Ecology (BIOL-UA 63) or Introduction to Neural Science (BIOL-UA 100). Lecture. Rockman. 4 points.

Introduction to the diversity of animal form and function in the context of phylogeny and evolution, with focus on invertebrates, the majority of animals. Attention devoted alternately to individual branches of the tree of animals and to common themes in the ways animals have evolved to fit and shape their environments. Topics: morphology, physiology, reproduction, development, and ecology; genomic and molecular characteristics of each branch of animal life; and intersections of animals with human interests, including economic zoology, ecosystem services, and medicine.

Signaling in Biological Systems
BIOL-UA 970  Prerequisite: Molecular and Cell Biology I (BIOL-UA 21). Offered in the spring. Blau. 4 points.

Introduces reading and analyzing papers on signaling from the primary literature. These papers cover a wide range of different biological model systems. Considers scientific ethics, writing fellowship proposals and papers, giving presentations, and lab safety. Equip students with the skills needed for independent research.

Principles of Biology Laboratory in London
BIOL-UA 9123  Identical to BIOL-UA 123, with the same prerequisites/corequisites and requirements. 1 point.

Principles of Biology Laboratory in Sydney
BIOL-UA 9123  Identical to BIOL-UA 123, with the same prerequisites/corequisites and requirements. 1 point.

Special Courses (Including Honors)

Fall Special Topics Courses: Standard Biology Track
BIOL-UA 910, 912, 914, 916  Prerequisites and format vary by topic. Each may be repeated once for credit (may be taken two times in total) as topics change. 4 points.

Special topics may vary from semester to semester, and can be broad in scope or focused on some aspect of biology. A detailed course description is available when topics are announced. These courses satisfy upper-level elective requirements for students on the standard biology track as follows: 910, advanced biology; 912, reasoning; 914, quantitative; 916, laboratory.

Spring Special Topics Courses: Standard Biology Track
BIOL-UA 920, 922, 924, 926  Prerequisites for BIOL-UA 920: Molecular and Cell Biology II (BIOL-UA 22). Prerequisite for BIOL-UA 922: Molecular and Cell Biology II (BIOL-UA 22) OR (for ecology track majors only) Fundamentals of Ecology (BIOL-UA 63). Prerequisite for BIOL-UA 924, 926: Molecular and Cell Biology II (BIOL-UA 22) and permission of the instructor. Format varies per topic. Each may be repeated once for credit (may be taken two times in total) as topics change. 4 points.

Special topics may vary from semester to semester, and can be broad in scope or focused on some aspect of biology. A detailed course description
is available when topics are announced. These courses satisfy upper-level elective requirements for students on the standard biology track as follows: 920, advanced biology; 922, reasoning; 924, quantitative; 926, laboratory.

**Fall Special Topics Courses: Ecology Track**
BIOL-UA 930, 932, 934, 936  Prerequisites and format vary by topic. Each may be repeated once for credit (may be taken two times in total) as topics change. 4 points.
Special topics may vary from semester to semester, and can be broad in scope or focused on some aspect of biology. A detailed course description is available when topics are announced. These courses satisfy upper-level elective requirements for students on the ecology track as follows: 930, advanced biology; 932, reasoning; 934, quantitative; 936, laboratory.

**Spring Special Topics Courses: Ecology Track**
BIOL-UA 940, 942, 944, 946  Prerequisites and format vary by topic. Each may be repeated once for credit (may be taken two times in total) as topics change. 4 points.
Special topics may vary from semester to semester, and can be broad in scope or focused on some aspect of biology. A detailed course description is available when topics are announced. These courses satisfy upper-level elective requirements for students on the ecology track as follows: 940, advanced biology; 942, reasoning; 944, quantitative; 946, laboratory.

**Advanced Research: Microbiology**
BIOL-UA 954  Corequisites: Molecular and Cell Biology I, II (BIOL-UA 21, 22 or 9022), a minimum GPA of 3.2 overall and in all science and mathematics courses required for the major, and permission of a sponsor and the director of undergraduate studies. Intended only for biology majors. Offered in the fall and spring. 4 points.
Investigates the functional and structural properties of Bacillus subtilis, which is readily amenable to genetic manipulation. Students conduct hands-on experiments in the Eichenberger laboratory, learning classic molecular microbiology techniques and familiarize themselves with fluorescence microscopy. Requires an independent project characterizing mutant bacteria.

**Advanced Research: Synthetic Biology**
BIOL-UA 957  Corequisites: Molecular and Cell Biology I, II (BIOL-UA 21, 22 or 9022), a minimum GPA of 3.2 overall and in all science and mathematics courses required for the major, and permission of a sponsor and the director of undergraduate studies. Intended only for biology majors. Offered in the fall and spring. 4 points.
Students contribute to the international research project Sc2.0 with members of the Boeke laboratory at NYU Langone. The project’s goal is to build the first synthetic eukaryotic organism using a “bottom up” approach. Students gain hands-on experience with Saccharomyces cerevisiae, known as the “budding yeast.”

**Advanced Research: Ecology Track**
BIOL-UA 930, 932, 934, 936  Prerequisites and format vary by topic. Each may be repeated once for credit (may be taken two times in total) as topics change. 4 points.
Special topics may vary from semester to semester, and can be broad in scope or focused on some aspect of biology. A detailed course description is available when topics are announced. These courses satisfy upper-level elective requirements for students on the ecology track as follows: 930, advanced biology; 932, reasoning; 934, quantitative; 936, laboratory.

**Internship in Biology**
BIOL-UA 980, 981  Prerequisites: Molecular and Cell Biology I, II (BIOL-UA 21, 22), a minimum GPA of 3.2 overall and in all science and mathematics courses required for the major, and permission of a sponsor and the director of undergraduate studies. Intended only for biology majors. Offered in the fall and spring. 0, 2 or 4 points per term (must be 4 points to count as a laboratory skills course for the major).
Field or laboratory research with a sponsor at an organization or institution in the metropolitan area other than the Department of Biology. Students with the necessary background in course work and who, in the opinion of the sponsor, possess intellectual independence and ability may register for an internship in some field of biology. Student must approach an individual at the organization or institution to obtain sponsorship and agreement to provide counsel and any necessary space and facilities for the research project. Student must submit a lab or research notebook and final paper.

**Becoming a Scientist**
BIOL-UA 995  Open to senior biology majors who are pursuing honors and engaging in independent laboratory research. Non-honors students require permission of the director of undergraduate studies. Offered every fall. 2-4 points.
Succeeding in a scientific career requires intelligence and expertise in the laboratory, but also skills in scientific writing, oral communication, and ethics. Undergraduate biology majors conducting independent laboratory-based research projects read scientific papers and communicate scientific results in both oral and written reports. Topics: inspiring science and scientists, choosing a good scientific problem, defining your scientific strategy (grant writing), giving scientific presentations, scientific ethics, and career paths.

**Independent Study**
BIOL-UA 997, 998  Prerequisites: Molecular and Cell Biology I, II (BIOL-UA 21, 22), a minimum GPA of 3.2 overall and in all science and mathematics courses required for the major, permission of a faculty member in the Department of Biology who will act as a sponsor, and approval of the director of undergraduate studies. Intended primarily for biology majors. Offered in the fall and spring. 2 or 4 points per term (must be 4 points to count as a laboratory skills course for the major).
Field or laboratory research with a faculty sponsor in the Department of Biology. Students with the necessary background in course work and who, in the opinion of a faculty sponsor, possess intellectual independence and ability
may register for independent study in some field of biology. Student must approach a faculty member in his or her field of interest to obtain sponsorship and agreement to provide counsel and any necessary space and facilities for the research project. Requires a written report on the research.

**Undergraduate Research Thesis**

Biology I, II (BIOL-UA 21, 22) and permission of the course instructor. Lecture. Reiss. 4 points.

- **Biology I (BIOL-UA 21)**
  - Introduces the fundamental concepts of biology, stressing basic concepts essential to understanding the action of exogenous chemical agents on biological systems. Principles underlying the absorption, metabolism, and elimination of chemicals are discussed. Toxicokinetics, specific classes of toxic responses, and experimental methods used to assess toxicity are also examined.

- **Biology II (BIOL-UA 22)**
  - Identical to BIOL-UA 22. Lecture. Reiss. 4 points.
  - Provides introductory theory and hands-on training in bioinformatics for graduate students or advanced undergraduates in biology who have no prior computational experience. Students learn basic computer programming as applied to bioinformatics, as well as foundational concepts and practical tools that provide a starting point for further advanced study in bioinformatics and computational biology.

**Programming for Biologists**

Biology I, II (BIOL-UA 21, 22) and permission of the course instructor. Lecture. Reiss. 4 points.

- **Biology I (BIOL-UA 21)**
  - Identical to BIOL-UA 21. Lecture. Reiss. 4 points.
  - Provides introductory theory and hands-on training in bioinformatics for graduate students or advanced undergraduates in biology who have no prior computational experience. Students learn basic computer programming as applied to bioinformatics, as well as foundational concepts and practical tools that provide a starting point for further advanced study in bioinformatics and computational biology.

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Biology I, II (BIOL-UA 21, 22) and permission of the course instructor. Lecture. Reiss. 4 points.

- **Biology I (BIOL-UA 21)**
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**Advanced Immunology**

Biology I, II (BIOL-UA 21, 22) and permission of the course instructor. Lecture. Reiss. 4 points.

- **Biology I (BIOL-UA 21)**
  - Identical to BIOL-UA 21. Lecture. Reiss. 4 points.
  - Provides introductory theory and hands-on training in bioinformatics for graduate students or advanced undergraduates in biology who have no prior computational experience. Students learn basic computer programming as applied to bioinformatics, as well as foundational concepts and practical tools that provide a starting point for further advanced study in bioinformatics and computational biology.

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- **Biology I (BIOL-UA 21)**
  - Identical to BIOL-UA 21. Lecture. Reiss. 4 points.
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- **Biology I (BIOL-UA 21)**
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- **Biology I (BIOL-UA 21)**
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pathogenesis, viral immunology, and cytokines.

**Cornerstones of the Central Dogma**
BIOL-GA 1022  Prerequisites: Molecular and Cell Biology II (BIOL-UA 22). Lecture. Smith. 4 points.

Critical evaluations of classic papers that made a lasting impact on molecular biology. Focus on the methodological innovations and scientific rigor that underlie these seminal works. Considers a range of research topics and emphasizes fundamental biological questions, experimental design, and the interpretation of data.

**Hot Topics in Infectious Diseases**
BIOL-GA 1023 Prerequisite: Microbiology and Microbial Genomics (BIOL-UA 44) or Immunology (BIOL-UA 50). Lecture. Reiss. 4 points.

A detailed survey of some of the most important human microbial pathogens. Investigates these agents in detail and includes the most cutting-edge basic research findings, as well as epidemiology, treatment, and prevention of infections. Requires an oral presentation.

**Special Topics in Physiology and Disease**
BIOL-GA 1031 Prerequisite: Principles of Animal Physiology (BIOL-UA 25).

Galifianakis. 4 points.

Designed for students with a background in mammalian physiology. Topics include reproductive biology, regulation of ion and water excretion, maintenance and control of cardiovascular function, and respiratory physiology.

**Metabolic Disorders**
BIOL-GA 1032 1031 Prerequisite: Principles of Animal Physiology (BIOL-UA 25).

Galifianakis. 4 points.

During the semester, we will discuss how normal physiological processes of the human body are disrupted by disease. We will cover the cellular and molecular basis of physiological disorders such as the triad of metabolic syndrome (obesity, hypertension, and diabetes), and discuss how diseases such as cancer affect and interact with physiological systems. Class time will be a combination of lecture, discussion, and recitation.

**Protein Biochemistry**
BIOL-GA 1045 Prerequisites: Molecular and Cell Biology II (BIOL-UA 22). Lecture. Hochwagen. 4 points.

Ongoing advances in protein biochemistry are one of the central driving forces supporting the current revolution in cell biology and molecular medicine. Covers the fundamental concepts underlying protein structure and dynamics, as well as the astounding ability of proteins and enzymes to support and catalyze essentially all processes in living organisms. Investigates the kinetic and biophysical properties of protein function, state-of-the-art experimental approaches, and the relevance of proteins and enzymes in health and disease.

**Cell Biology**
BIOL-GA 1051 Prerequisites or corequisites: Organic Chemistry I, II and Laboratories (CHEM-UA 225, 226), Molecular and Cell Biology II (BIOL-UA 22), and written permission of the instructor. 4 points.

Examination of the molecular mechanisms underlying cell proliferation and differentiation. Topics: signal transduction, regulation of cell cycle, cytokinesis, cell-cell and cell-matrix interaction, and intracellular transport. The importance of these issues in the understanding of development, immunity, and cancer is emphasized.

**Frontiers in Microbiology**
BIOL-GA 1052 Prerequisite: one semester of college-level calculus. Rojas. 4 points.

Examines the principles of genetic circuit design in microbes by comparing a variety of naturally occurring genetic circuits that perform various functions: logic gates, oscillators, switches, memory, etc., to engineered, synthetic circuits that perform similar functions. Coursework includes a quantitative review of gene regulation, reading of the primary literature concerning natural and synthetic genetic circuits, and mathematical/computational modeling of simple genetic circuits.

**Principles of Evolution**
BIOL-GA 1069 Prerequisite: Evolution (BIOL-UA 58). Fitch. 4 points.

Patterns of evolution and adaptation as seen in the paleontological record; speciation, extinction, and the geographic distribution of populations; the basics of population genetics and molecular evolution. Elements of numerical taxonomy and recent developments in phylogenetic systematics.

**Molecular Controls of Organismal Form and Function**
BIOL-GA 1072 Coruzzi, Desplan. 4 points.

Covers metabolism, signaling, and development, highlighting use of molecular and genetic studies in model plant and animal systems.

**Viral Diseases**
BIOL-GA 1080 Prerequisite: Microbiology and Microbial Genomics (BIOL-UA 44) or Immunology (BIOL-UA 50). Reiss. 4 points.

Details the molecular life cycles of viruses that infect mammalian cells. Topics include disease pathogenesis, immune evasion mechanisms, vaccination, and genetic immunization vectors.

**Genes and Animal Behavior**
BIOL-GA 1082 Prerequisite: senior standing. Lecture. Blau. 4 points.

Survey of principles and patterns of animal behavior. Covers classical ethological research of Lorenz and others and modern research on the molecular basis of behavior, especially in model
systems. Topics include reproductive behavior, rhythmic behavior, learning and memory, and feeding behavior.

**Neuroplasticity and Disease**  
BIOL-GA 1101 Azmitia. 4 points.  
Survey of neuronal plasticity and the principles of neuroanatomy, pharmacology, and development of the brain and spinal cord. Presents various forms of plasticity from regeneration to neuronal transplantation. Topics include dynamic instability, addiction, depression, hibernation, spinal injury, and Alzheimer’s disease. Covers the role of neurotransmitters and growth factors in regulating brain plasticity. Stresses interactions between neurons, astroglial cells, and other nonneuronal cells. Summarizes animal and human studies of functional and structural recovery.

**Bioinformatics and Genomes**  
BIOL-GA 1127 Bonneau. 4 points.  
Bioinformatics is becoming a cornerstone of modern biology, especially in fields such as genomics. The recent explosion in the availability of whole genome sequences and microarray data has led to a vast increase in bioinformatics research and tool development. Emphasizes not only an understanding of existing tools, but also programming and statistics skills for problem solving.

**Evolutionary Genetics and Genomics**  
BIOL-GA 1129 Prerequisites: Molecular and Cell Biology II (BIOL-UA 22). Purugganan. 4 points.  
Explores the genetic and genomic mechanisms underlying evolutionary change. Emphases are on complex trait evolution and its quantitative analysis, and the impact of modern mapping and genomic techniques on evolutionary biology. Topics include: the genetics of adaptation and character regression; the evolution of complex characters and traits such as organ systems, the senses, and patterns of behavior; methods for the study of quantitative trait locus (QTL) variation and multifactorial systems.

**Applied Genomics: Introduction to Bioinformatics and Network Modeling**  
BIOL-GA 1130 Katari, Parker. 4 points.  
Fundamental methods of analyzing large data sets from genomics experiments, including hands-on computational training. Analysis focuses on data from genome-wide studies of gene expression using microarrays and from genome-wide studies of molecular interactions. Methods covered include clustering, multiple-hypothesis testing, and network inference.

**Genomics of Human Populations**  
BIOL-GA 1132 Prerequisites: Molecular and Cell Biology II (BIOL-UA 22) and Genetics (BIOL-UA 30). 4 points.  
Covers topics in the field of human population genetics including human ancestry and admixture, linkage disequilibrium, natural selection in the human genome, genome-wide association studies (GWAS), genetic architecture of human traits and diseases, and application of population genomics to the study of cancer and disease. Includes lecture and recitation components with the latter geared to teaching students fundamental skills in population genomic data analysis.

**Systems Biology**  
BIOL-GA 1128 Lecture. Vogel. 4 points.  
Introduction to genomic methods for acquiring and analyzing genomic DNA sequences. Topics: genomic approaches to determining gene function, including determining genome-wide expression patterns; the use of genomics for disease- gene discovery and epidemiology; the emerging fields of comparative genomics and proteomics; and applications of genomics to the pharmaceutical and agbiotech sectors. Stresses computational methods for analysis of genomic data.

**Biophysical Modeling of Cells and Populations**  
BIOL-GA 1131 Prerequisite: Molecular and Cell Biology II (BIOL-UA 22). Kussell. 4 points.  
Develops the biophysical approach to modeling biological systems, applied to classic problems of molecular biology, as well as to systems of recent interest. Progresses from models of cooperativity in binding and of promoter recognition and activation, proceeds through models of simple and complex networks, and works toward a population-level description of various systems.
MINOR IN
Business Studies

cas.nyu.edu/business
726 Broadway, 7th floor
New York, NY 10003
212-998-8160

OVERVIEW

A broad liberal arts education, which includes a general education component (the College Core Curriculum) and a major in a liberal arts discipline or interdisciplinary field, provides a solid foundation for many careers in business. The skills and perspectives of the liberal arts are practical as well as personally enriching. Liberal arts students can enhance their preparedness for business by also completing a small number of relevant courses. In consultation with the Undergraduate College of the Leonard N. Stern School of Business, the College of Arts and Science has identified a set of such courses, some offered by CAS and some offered by Stern. By completing the business studies minor, students acquire the core knowledge and quantitative skills that are invaluable assets for success in the business professions.

The minor in business studies is administered by the College of Arts and Science and is available to all students in the University. Students considering the minor should consult with the business studies adviser by emailing: cas.business@nyu.edu.

PROGRAM

Two Tracks of the Business Studies Minor

Students must choose one of two tracks in this minor:

- Track A is for students in any division of NYU who are not pursuing or planning any major or minor in the CAS Department of Economics.
- Track B is for students in any division of NYU who are pursuing or planning any economics major or minor in CAS. At present, students in the Schack Institute of Real Estate in the School of Professional Studies may be allowed to follow this track, as their major has a substantial overlap of courses with the CAS major and minor in economics.

Students cannot choose freely between the two tracks; they must select their track in the minor based on whether or not they are pursuing or intending to pursue any major or minor in the CAS Department of Economics.

Track A: For Students Not Majoring or Minoring in The CAS Department of Economics

Track A of the business studies minor consists of six to seven courses (four to five courses in economics and mathematics in CAS, plus two in business through Stern). Students may use AP or equivalent international credit to satisfy two out of these three requirements: macroeconomics, microeconomics, and calculus. When students have advanced standing credit in all three areas, they must register for one of these three subjects at NYU (ECON-UA 1 or 2, with loss of
the equivalent advanced standing credit; or one of the math courses listed below, with loss of equivalent advanced standing credit if MATH-UA 121 is taken). AP or other credit can never be used for statistics, regression and forecasting, or any Stern courses.

Courses are 4 points unless noted otherwise. (Please consult departmental websites and sections in this Bulletin for course prerequisites, which are enforced).

At least four 4-point courses must be unique to this minor and not overlap with any other major or minor; therefore, no more than two of the required 4-point courses for the business studies minor can also be used to satisfy requirements for a major or another minor. Students who go over this two-course overlap must take one or more additional 4-point courses in Stern.

Track A students may choose to take three or four Stern courses in total (beyond the minimum minor requirement of two Stern courses), but CAS students must ensure they can accommodate the extra Stern courses within the College’s 16-point limit on non-CAS courses. Otherwise, they must consult the CAS Advising Center (726 Broadway, 7th floor; 212-998-8130) to request raising the limit.

Please note that, effective fall 2022, the Mathematics for Economics I, II, III course sequence is renumbered as MATH-UA 131, 132, 133 (formerly MATH-UA 211, 212, 213). There is no change to the content of these courses, and they continue to satisfy the same prerequisite and major/minor requirements.

• Introduction to Macroeconomics (ECON-UA 1), or AP/equivalent international advanced standing
• Introduction to Microeconomics (ECON-UA 2), or AP/equivalent international advanced standing
• One course in calculus chosen from:
  o Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
  o Calculus I (MATH-UA 121)
  o AP (or equivalent international advanced standing) credit in calculus
  o Calculus II (NYU Tandon School of Engineering, MA-UY 1124)
• One course in statistics chosen from (AP or equivalent international credit is not accepted):
  o Statistics (ECON-UA 18; prerequisite: MATH-UA 121 or MATH-UA 131)
  o Analytical Statistics (ECON-UA 20; prerequisite: MATH-UA 122 or MATH-UA 132)
  o Mathematical Statistics (MATH-UA 234). Only for students majoring in mathematics.
  o Statistics for the Behavioral Sciences (PSYCH-UA 10). Only for students majoring in psychology.
  o Quantitative Methods in Political Science (POL-UA 800).
  o Statistics for Business Control (STAT-UB 1).
  o Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103; 6 points).
• Regression and forecasting requirement:
  o Students who take Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103; prerequisite: MATH-UA 121 or 131; 6 points) satisfy both the statistics and the regression requirement with this one course.
  o All other students must take Regression and Forecasting Models (STAT-UB 3; prerequisite: ECON-UA 18 or 20 or STAT-UB 1, or MATH-UA 234, PSYCH-UA 10, or SOC-UA 302; 2 points)
• Principles of Financial Accounting (ACCT-UB 1) is required of all minors.
• One of the following Stern core courses:
  o Management and Organizations (MGMT-UB 1) or
  o Introduction to Marketing (MKTG-UB 1) or
Information Technology in Business and Society (INFO-UB 1) or Operations Management (OPMG-UB 1). Prerequisites: (1) completion of the statistics requirement, chosen only from Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20) or Statistics for Business Control (STAT-UB 1) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103), and (2) completion of the regression and forecasting requirement, chosen only from Introduction to Econometrics (ECON-UA 266) or Regression and Forecasting Models (STAT-UB 3) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103).

Notes on Track A (Non-Economics Track)

Notes on the economics requirement: Students on Track A are advised not to use AP or other advanced standing credit in macroeconomics and/or microeconomics as prerequisites for the second-year economics major courses Intermediate Microeconomics (ECON-UA 10) and Intermediate Macroeconomics (ECON-UA 12). These intermediate courses are calculus-based and strictly sequential, and carry firm prerequisites of Mathematics for Economics I, II (MATH-UA 131, 132; AP or other advanced standing credit in calculus is not acceptable).

Only students who transition from Liberal Studies may satisfy the macroeconomics and microeconomics requirement of the minor with Economics I (ECI-UF 1001, 4 points) and Economics II (ECI-UF 1002, 4 points).

Notes on the statistics requirement: The substitute courses MATH-UA 234, PSYCH-UA 10, and SOC-UA 302 are acceptable prerequisites for Regression and Forecasting Models (STAT-UB 3; 2 points), but are not acceptable prerequisites for the optional minor courses Foundations of Finance (FINC-UB 2) and Operations Management (OPMG-UB 1).

Note on overlap courses: If more than two of the required 4-point courses (or advanced standing credit substitutions) for Track A of the business studies minor are also used to satisfy requirements for a major or another minor, then students must take one or more additional courses in Stern, over and above the minimum requirement of two courses in Stern (this minor must always consist of at least four unique, non-overlapping, 4-point courses). See section “Stern courses,” below.

Track B: For Students Majoring or Minoring in the CAS Department of Economics

Track B of the business studies minor always consists of four 4-point business courses (16 points) in Stern, plus the regression requirement (usually an additional 2 points). No CAS courses can count toward this track of the minor. No more than two of the required courses for the business studies minor can also be used to satisfy requirements for a major or another minor. Students who go over this two-course overlap must take one or more additional 4-point courses in Stern. As this will put CAS students over the College’s 16-point limit on non-CAS courses, they must consult the CAS Advising Center (726 Broadway, 7th floor; 212-998-8130) to request raising the limit.

Track B of the business studies minor requires the following four 4-point Stern courses:

• Principles of Financial Accounting (ACCT-UB 1) is required of all minors.

• One of the following Stern core courses:
  o Management and Organizations (MGMT-UB 1) or
  o Introduction to Marketing (MKTG-UB 1) or
  o Information Technology in Business and Society (INFO-UB 1) or
  o Operations Management (OPMG-UB 1). Prerequisites: (1) a course in statistics, chosen only from Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20) or Statistics for Business

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Control (STAT-UB 1) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103); and (2) a course in regression and forecasting, chosen only from Introduction to Econometrics (ECON-UA 266) or Regression and Forecasting Models (STAT-UB 3) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103).

• Two more 4-point courses in Stern, to be chosen from the core courses above and/or from:
  ○ Foundations of Finance (FINC-UB 2). Prerequisites: (1) Introduction to Microeconomics (ECON-UA 2); (2) a course in statistics, chosen only from Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20) or Statistics for Business Control (STAT-UB 1) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103); and (3) completion of a course in regression and forecasting, chosen only from Introduction to Econometrics (ECON-UA 266) or Regression and Forecasting Models (STAT-UB 3) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103). Corequisite: Principles of Financial Accounting (ACCT-UB 1).

Students must also meet a regression requirement. The recommended course is Regression and Forecasting Models (STAT-UB 3); prerequisite: Statistics (ECON-UA 18), Analytical Statistics (ECON-UA 20), or an equivalent statistics course; 2 points. Students may instead choose to take Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103; 6 points) or Introduction to Econometrics (ECON-UA 266; 4 points); prerequisites for all of these courses are strictly enforced.

Note on Track B (Economics Track)

Note on regression and forecasting: Economics majors who wish to take Foundations of Finance (FINC-UB 2) and/or Operations Management (OPMG-UB 1) for their track of the business studies minor should note that these two courses have as their prerequisite a course in regression and forecasting. Therefore, they may only be taken after Introduction to Econometrics (ECON-UA 266). Economics majors may, if they wish, take the 2-point regression course STAT-UB 3. This course is not required for the economics major, but it allows economics students to take FINC-UB 2 and/or OPMG-UB 1 earlier in their undergraduate careers.

Note on Schack Institute of Real Estate students: At present, students in the Schack Institute of Real Estate in the School of Professional Studies may be allowed to follow this track, as their major has substantial overlap of courses with the CAS major and minor in economics.

Grading and Credit Policies Applying to Both Tracks of the Minor

A minimum grade of C is required for all courses intended to count toward the minor, and the minimum overall GPA required in the minor is 2.0. No credit toward the minor can be granted for internships.

No Stern courses can count toward the 64 credits that internal or external transfer students to CAS are required to complete in CAS (-UA) courses.

Courses from the NYU Tandon School of Engineering are not acceptable, except for Calculus II (MA 1124, 4 points).

Transfer Student Policies Applying to Both Tracks of the Minor

All transfer credit must be evaluated by completing the transfer credit form on the business
studies webpage in order to determine its applicability toward the minor; please submit the form and course syllabi at: docs.google.com/forms/d/e/1FAIpQLSeSXBKrqqH_lHleA37XK2-FyMac-rH9nfT2LiwoV0lwFCA/viewform.

Transfer students on Track A cannot transfer in more than half of the required courses in economics and mathematics (i.e., two) and half of the Stern courses in business (i.e., one) to count toward the minor; for transfer students, AP and other advanced standing credit is treated as transfer credit.

Transfer students on Track B cannot transfer in more than half of the Stern courses in business (i.e., two) to count toward the minor; AP and other advanced standing credit is not acceptable for Stern requirements.

**COURSES**

**Stern Courses in Business**

Consult the Bulletin and/or departmental websites of the Stern School of Business for course descriptions.

**Principles of Financial Accounting**

ACCT-UB 1  No prerequisites. 4 points.

**Managerial Accounting**


**Foundations of Finance**

FINC-UB 2  Prerequisites: (1) Introduction to Microeconomics (ECON-UA 2); (2) a course in statistics, chosen only from Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20) or Statistics for Business Control (STAT-UB 1) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103); and (3) completion of a course in regression and forecasting, chosen only from Introduction to Econometrics (ECON-UA 266) or Regression and Forecasting Models (STAT-UB 3) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103). Corequisite: Principles of Financial Accounting (ACCT-UB 1). 4 points.

**Information Technology in Business and Society**

INFO-UB 1  Not open to freshmen. 4 points.

**Management and Organizations**

MGMT-UB 1  Not open to freshmen. 4 points.

**Introduction to Marketing**

MKTG-UB 1  Not open to freshmen. 4 points.

**Operations Management**

OPMG-UB 1  Prerequisites: (1) a course in statistics, chosen only from Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20) or Statistics for Business Control (STAT-UB 1) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103); and (2) a course in regression and forecasting, chosen only from Introduction to Econometrics (ECON-UA 266) or Regression and Forecasting Models (STAT-UB 3) or Statistics for Business Control and Regression and Forecasting Models (STAT-UB 103). 4 points.

**College of Arts and Science Courses**

Consult the departmental sections of this Bulletin for the full descriptions and prerequisites of CAS courses listed above for Track A.
OVERVIEW

The Department of Chemistry has a long tradition in the College of Arts and Science, dating back well before the founding of the American Chemical Society at New York University in 1876. Professor John W. Draper, the first president of the society and chair of the department, was a remarkable polymath: chemist, physician, philosopher, historian, and pioneering photographer.

The department has undertaken a major development plan, strengthening its faculty, instructional laboratories, course offerings, and research facilities in the areas of physical, biophysical, bioorganic, and biomedical chemistry, as well as in chemical biology, nanoscience, and materials sciences. Qualified undergraduates are strongly encouraged to participate in research as early as their sophomore year of study. The department houses state-of-the-art laboratory facilities for its undergraduate chemistry courses.

Majoring in chemistry at NYU provides strong preparation for graduate study in chemistry and biochemistry; professional education in medicine, dentistry, or patent law; and careers in industrial or pharmaceutical chemistry and biotechnology.

FACULTY

Professors Emeriti
Kallenbach, Moskowitz, Pope, Schuster
Margaret and Herman Sokol Professor of Medicinal Chemistry Woerpel
Silver Professor and Professor of Chemistry Ward

Professors
Arora, Bačić, Canary, Geacintov, Hamilton, Jerschow, Kahr, Kirshenbaum, Schlick, Tuckerman, Traaseth, Walters, Weck, J. Zhang, Y. Zhang

Associate Professors
Buccella, Diao, S. Lee, Sacanna

Assistant Professors
Avalos, Hocky, Lupoli, Parasram

Affiliated Professors
Broyde, Ding, Garetz, Montclare

Associated Faculty
McDevitt

Research Associate Scholars
Hu, Rogal, Shtukenberg

Clinical Associate Professors
An, Angelo, Geggier, Mandal, Mitra, Ohayon, Qamra, Tosovská

Clinical Assistant Professors
Orr, Zhao

PROGRAM

Departmental Objectives

Chemistry is an incredibly broad field. It is known as the central natural science because it intersects with physics, biology, engineering, materials science, and environmental science. The atomic and molecular structure and properties of matter are fundamental to the investigation of the physical...
world and to the understanding of living systems. Our chemistry program has an interdisciplinary approach that creates context for studying real-world problems and their solutions.

The department offers majors in chemistry, biochemistry, and global public health/science with a concentration in chemistry. Students have the opportunity to earn either a B.A. or B.S. in the chemistry major. A selection of elective advanced courses, undergraduate and graduate, can be combined (in consultation with the director of undergraduate studies) to provide a broad, varied program of study in chemistry or an undergraduate specialization in organic, biochemical, physical, or theoretical chemistry. The opportunity to participate in scientific research as an undergraduate is one of the most exciting features of a chemistry major. Research allows you to work alongside graduate students, postdoctoral fellows and faculty to develop new ideas to solve real-world problems and make new discoveries. Many of our students produce results that lead to publications and research is also a great preparation for graduate school and a wide range of chemistry careers.

The programs of study in chemistry and biochemistry prepare students for graduate study leading to careers in research, development, and teaching and/or for further study in areas such as medicine, dentistry, basic medical sciences, and allied health fields (including forensic science). In addition, the chemistry and biochemistry majors both prepare students for alternative careers, especially when paired with a minor in economics, data science, or business studies: for example, patent law, technology investment, or management in the chemical industry.

**Majors in Chemistry and Biochemistry: General Information**

Students considering a major in chemistry or biochemistry are strongly urged to seek course advisement from the undergraduate academic team as early in their academic careers as possible. Chemistry is a sequential subject with courses building on earlier courses. Delay in taking certain key prerequisite courses can make it impossible to complete a major in four years without summer attendance.

Students must earn a grade of C or better in all courses required for the chemistry or biochemistry major, even if they are in other departments (such as mathematics or physics). Students who do not have an average of 2.0 or better in courses required by the department by the time they have completed 64 points in all courses will be asked to change their major.

The Department of Chemistry strictly enforces all prerequisites and de-enrolls students from courses for which they do not meet the prerequisites. Prerequisite courses must be completed with a grade of C (not C minus) or better.

AP, IB, and A Level credit by examination in chemistry is not accepted toward any departmental majors or minors.

**Core Courses for the Majors in Chemistry and Biochemistry**

The majors in chemistry and biochemistry build on a core of required courses in chemistry, physics, and mathematics. (Note that biology is not required for any major or minor offered by the Department of Chemistry, but only for the prehealth program.)

The six required core courses (28 points) in this department are:

- General Chemistry I and Laboratory (CHEM-UA 125)
- General Chemistry II and Laboratory (CHEM-UA 126)
- Organic Chemistry I and Laboratory (CHEM-UA 225)
- Organic Chemistry II and Laboratory (CHEM-UA 226)
• Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651)
• Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652)

The majors version of the organic chemistry sequences—CHEM-UA 227 and CHEM-UA 228 (see course descriptions)—substitute for CHEM-UA 225 and CHEM-UA 226, respectively. In addition, when offered, the one-semester Accelerated General Chemistry and Laboratory (CHEM-UA 129; 6 points) may substitute for the CHEM-UA 125, 126 sequence.

In addition to these chemistry courses, the chemistry and biochemistry majors require four courses (18 points) in mathematics and physics:
• Calculus I (MATH-UA 121), or Advanced Placement (or equivalent international exam) credit.
• Calculus II (MATH-UA 122). Advanced Placement credit for MATH-UA 122 (a score of 5 on BC Calculus) is not accepted for this major requirement. Students with this AP credit must either (1) take Calculus II at NYU and forfeit 4 of the 8 AP credits, or (2) register for one of the following: Mathematics of Chemistry (CHEM-UA 140), Calculus III (MATH-UA 123), or Linear Algebra (MATH-UA 140), using the BC credits as a prerequisite.
• General Physics I (PHYS-UA 11). Credit for AP Physics C: Mechanics with a score of 4 or 5 is accepted, but only for students who are not prehealth. No other AP or equivalent international credit is accepted.**
• General Physics II (PHYS-UA 12). Credit for AP Physics C: Electricity and Magnetism with a score of 4 or 5 is accepted, but only for students who are not prehealth. No other AP or equivalent international credit is accepted.**

**Because of medical, dental, etc. school admissions requirements, students on the prehealth track cannot use AP Physics C credit to place out of either or both semesters of General Physics.

Note that Mathematics for Chemistry (CHEM-UA 140) is strongly recommended as preparation for both Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) and Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652), as well as for students interested in pursuing chemistry on the graduate level or who have an interest in theoretical chemistry or physical chemistry. Students may choose instead to take Calculus III (MATH-UA 123) and/or Linear Algebra (MATH-UA 140).

Freshmen who intend to pursue a major in chemistry or biochemistry and are well prepared in mathematics and the physical sciences are strongly encouraged to take General Physics I and II as their second science sequence (concurrently with general chemistry) in the first year. This allows the physical chemistry courses to be taken as early as sophomore year if the mathematics prerequisites are completed. However, if students choose to take biology with chemistry in the freshman year they may wish to defer taking physics (e.g., for students who are undecided, are considering a major in biology or neural science, and/or are on the prehealth track).

The core courses listed above provide a basic background in chemistry. Students are required to complete the courses in general chemistry, physics, and calculus prior to entry into CHEM-UA 651, 652 (the physical chemistry sequence), which is usually in the third year. It is strongly advised that advanced-level chemistry course enrollment begin no later than the fifth semester of study. This allows at least three more semesters to complete all major requirements.

Students interested in careers in medicine, dentistry, or basic medical sciences may wish to consider the major in biochemistry, which recommends additional courses in biology. Together these courses satisfy admission requirements for schools of the health professions. The appropriate preprofessional adviser should be consulted for details.
Major in Chemistry, B.A.

In addition to the core courses cited above, the minimum major requirements are Physical Chemistry Laboratory (CHEM-UA 661), Inorganic Chemistry (CHEM-UA 711), and two advanced chemistry elective courses for the B.A. degree. Please note that Advanced Independent Study and Research (CHEM-UA 997, 998), Senior Honors in Chemistry (CHEM-UA 995, 996), and Mathematics of Chemistry (CHEM-UA 140) do not count as advanced electives for the major.

Major in Biochemistry, B.A.

In addition to the core courses cited above, the minimum requirements are Biochemistry I and II (CHEM-UA 881, 882), Experimental Biochemistry and Laboratory (CHEM-UA 885), Advanced Biochemistry (CHEM-UA 890), and one advanced chemistry elective. The following courses do not count as advanced electives for the major: Advanced Independent Study and Research (CHEM-UA 997, 998), Senior Honors in Chemistry (CHEM-UA 995, 996), and Mathematics of Chemistry (CHEM-UA 140). Students in this major are reminded that these courses must be taken in the proper order. Careful course planning is required to ensure that this can be done within a normal four-year program.

Biochemistry majors are strongly encouraged to take Cellular and Molecular Biology I and II (BIOL-UA 21, 22). This is especially important for students planning to do graduate level study in biochemistry.

Major in Chemistry, B.S.

In addition to the core courses cited above, the minimum requirements are Physical Chemistry Laboratory course (CHEM-UA 661), Inorganic Chemistry (CHEM-UA 711), three advanced electives in chemistry, one course in computer science at or above the level of CSCI-UA 2 (CSCI-UA 101 preferred), and at least two semesters of Advanced Independent Study and Research (CHEM-UA 997, 998) or Senior Honors in Chemistry (CHEM-UA 995, 996). Please note that CHEM-UA 997, 998 and CHEM-UA 995, 996 do not count as advanced electives for the major. Students should also note that the B.S. program is more challenging to complete within a normal four-year academic program and that it confers no particular advantage to students in premedical or predental programs.

Major in Global Public Health/Science with a Concentration in Chemistry, B.S.

Students pursuing this combined program concentrate in chemistry—the central natural science that interfaces physics and mathematics with the life sciences.

Departmental advising is absolutely crucial for students pursuing this demanding major. As with all majors and minors offered by the Department of Chemistry, Principles of Biology I and II (BIOL-UA 11, 12) are not required for this major; however, prehealth students must take this sequence in addition to the major requirements outlined below. In addition, students must satisfy all requirements of the College Core Curriculum (the First-Year Seminar, foreign language, Expository Writing, and Foundations of Contemporary Culture). Careful planning is necessary to ensure that all major, prehealth, and College Core Curriculum requirements can be completed in four years.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the twenty-one courses (90 points) that must be completed with a grade of
C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20)
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Chemistry core courses (eight courses/36 points):
• General Chemistry and Laboratory I and II (CHEM-UA 125, 126). The one-semester Accelerated General Chemistry and Laboratory (CHEM-UA 129; 6 points) may be taken by qualified students and substitutes for this sequence.
• Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226) or Majors Organic Chemistry and Laboratory I and II (CHEM-UA 227, 228)
• Physical Chemistry: Quantum Mechanics and Spectroscopy and Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 651, 652)
• Biochemistry I and II (CHEM-UA 881, 882)

Additional required courses in science and mathematics (four courses/18 points):
• Mathematics (two courses/8 points):
  o Calculus I and II (MATH-UA 121)22]. Advanced Placement credit for Calculus II (a score of 5 on BC Calculus) is not accepted for this major requirement. Students with this AP credit must either (1) take Calculus II at NYU and forfeit 4 of the 8 AP credits, or (2) register for one of the following: Mathematics of Chemistry (CHEM-UA 140), Calculus III (MATH-UA 123) or Linear Algebra (MATH-UA 140), using the BC credits as a prerequisite.
• Physics (two courses/10 points):
  o General Physics I and II (PHYS-UA 11, 12). Credit for AP Physics C: Mechanics is accepted for PHYS-UA 11 and credit for AP Physics C: Electricity and Magnetism is accepted for PHYS-UA
12, but only for students who are not prehealth. No other AP or equivalent international credit is accepted. (Because of medical, dental, etc., school admissions requirements, students on the prehealth track cannot use AP Physics C credit to place out of either or both semesters of General Physics.)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or chemistry, by advisement. For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

For descriptions of GPH (UGPH-GU) courses and for all policies applying to the major (including those for transfer students), please see the global public health section of this Bulletin.

Joint B.S./B.S. Program in Chemistry and Engineering

The College of Arts and Science offers a joint B.S/B.S. program with the NYU Tandon School of Engineering. For students interested in chemistry, the program leads to the B.S. degree from CAS and the B.S. degree in chemical and biomolecular engineering from the Tandon School of Engineering. Further information is available from the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

Policy on School of Engineering courses: No CAS student (whether majoring or minoring in this department or not) is allowed to take Tandon substitute courses for CHEM-UA 125, 126, 127, 128, 129 (General Chemistry); 225, 226, 227, 228 (Organic Chemistry); 651, 652, 661 (Physical Chemistry); 711 (Inorganic Chemistry); or 881, 882, 885, 890 (Biochemistry). However, students pursuing a major in the Department of Chemistry may seek prior permission of the director of undergraduate studies to take advanced electives in the School of Engineering and apply them to the major. This is reviewed on a case-by-case basis. These courses count against each student’s 16-point allowance in the other divisions of NYU and cannot be applied to the 64- point UA residency requirement.

Minor in Chemistry

Completion of the following four 5-point courses (20 points) constitutes a minor in chemistry: CHEM-UA 125, 126, 225 or 227, and 226 or 228. Biology majors are required to take an additional upper-level chemistry course after Organic Chemistry II. Only two of the four courses may also be used to satisfy the requirements of another department’s major. No grade lower than C will count toward the minor, and an average of 2.0 or better in all chemistry courses is required.

Honors Program

While the Department of Chemistry has several accelerated courses—for example, Accelerated General Chemistry and Laboratory (CHEM-UA 129) and Majors Organic Chemistry and Laboratory (CHEM-UA 227 and 228)—these offerings need not be taken to earn a chemistry or biochemistry degree with departmental honors. The main requirement for earning an honors degree is the completion of an honors thesis based upon independent experimental or theoretical research. Students interested in research and an honors degree must enroll in Senior Honors in Chemistry (CHEM-UA 995 and 996). Students must first become involved in research, CHEM-UA 997 or 998,
for at least one semester or one summer prior to the senior year, as two semesters of research are generally not enough time to execute a successful project. Students seeking entry into the honors program must obtain the approval of the director of undergraduate studies prior to the end of their junior year. Candidates for a degree with honors in chemistry must have an overall GPA of 3.65 and a GPA of 3.65 in all required courses for the chemistry or biochemistry major. A senior thesis based on this work must be prepared, approved by the adviser, and presented in a seminar format during the spring term of the senior year. Please contact Carol Hollingsworth, academic program administrator, or Professor Walters, director of undergraduate studies, for more detailed information.

Research Opportunities

The department endeavors to make research opportunities available during the summer and the academic year to well-qualified students at all levels. We encourage interested students to begin research as early as freshman or sophomore year. Students are encouraged to apply for the FAST and DURF grants awarded by the College. To participate in research in the department, students must meet any prerequisites and register for the research courses Advanced Independent Study and Research (CHEM-UA 997, 998) or, if eligible, Senior Honors in Chemistry (CHEM-UA 995, 996). In either case, permission of the director of undergraduate studies is required before registering for these courses.

Laboratory Policy

Due to the potential hazard of any chemical experimentation, safety goggles, laboratory coats, and other protective gear must be worn at all times in the laboratories (but cannot be worn outside the laboratory). Laboratory equipment loaned to students must be replaced if damaged or broken. Students who do not return borrowed laboratory equipment at the end of a course are charged an additional fee, and their grade may be recorded as incomplete and not released until “checkout” is completed.

COURSES

The Department of Chemistry strictly enforces all prerequisites and de-enrolls students from courses for which they do not meet the prerequisites. Prerequisite courses must be completed with a grade of C (not C-) or better. Courses are lectures unless otherwise indicated.

Introduction to Modern Chemistry and Laboratory
CHEM-UA 120 Not open to students majoring in chemistry. Science majors and prehealth students take CHEM-UA 125, 126. No prior coursework in chemistry is assumed. A knowledge of algebra is desirable. Offered every semester. 5 points. Selected principles and applications with emphasis on the fundamental nature of chemistry. Concepts of atomic and molecular structure, chemical bonding, solution chemistry, equilibrium, reaction rates, and properties of gases, liquids, and solids.

General Chemistry I and Laboratory
CHEM-UA 125 Prerequisite: placement into Calculus I (MATH-UA 121) or completion of a course in precalculus. High school chemistry is recommended. Students cannot receive credit for both CHEM-UA 129 and either or both of CHEM-UA 125 and 126. Offered every semester. 5 points. Introduction to inorganic and physical chemistry for science majors, engineers, and the prehealth professions. Emphasizes fundamental principles and theories of chemistry. Topics include: theories of atomic structure; stoichiometry; properties of gases, liquids, solids, and solutions; periodicity of the properties of elements; chemical bonding; equilibrium; kinetics; thermodynamics; acid-base reactions; electrochemistry; coordination chemistry; nuclear chemistry. Laboratories provide an introduction to basic techniques used in experimental chemistry. Experiments include manual and automated titrations, basic chromatography, stoichiometry, thermodynamics, and colorimetry.
General Chemistry II and Laboratory
CHEM-UA 126 Prerequisite: General Chemistry I and Laboratory (CHEM-UA 125) with a grade of C or better. Students cannot receive credit for both CHEM-UA 129 and either or both of CHEM-UA 125 and 126. Offered every semester. 5 points.
See General Chemistry I and Laboratory (CHEM-UA 125), above. Laboratories are a continuation of CHEM-UA 125, with emphasis on the analysis of quantitative data rather than its collection. Experiments provide illustration and reinforcement of the topics covered in lecture, including solution chemistry, kinetics, equilibrium, buffers, solubility, and electrochemistry.

Accelerated General Chemistry
CHEM-UA 129 Prerequisites: Calculus I (MATH-UA 121) or credit for Advanced Placement Calculus (or equivalent); advanced secondary school courses in chemistry, mathematics, and physics; a departmental placement exam; and departmental permission. Corequisite: Calculus II (MATH-UA 122). Students can also place out of Calculus I or Calculus II via the placement exams administered by the Department of Mathematics. Completion of CHEM-UA 129 substitutes for the CHEM-UA 125, 126 sequence. Students cannot receive credit for both CHEM-UA 129 and either or both of CHEM-UA 125 and 126. Lecture and laboratory. Offered in the fall, 6 points. Intended for potential majors in the natural sciences or in engineering. Covers a year of chemistry in one semester. Topics include: atomic structure, thermodynamics, chemical transformations, and reaction kinetics. The associated laboratory is designed to reinforce lecture topics.

Mathematics of Chemistry
CHEM-UA 140 Prerequisite: Calculus II (MATH-UA 122) with a grade of C or better or equivalent (or equivalent AP credit). Does not count as an advanced chemistry elective. 4 points.
The mathematical foundations needed to progress into Quantum Mechanics, Thermodynamics, Physical Chemistry Laboratory, and other advanced courses in chemistry. Topics include a brief review of Calculus I and Calculus II, algebra of complex numbers, vectors and matrices, calculus of several variables, basis expansions and integral transforms, ordinary differential equations, partial differential equations, and an introduction to group theory. Emphasizes applications to real chemical problems.

Principles of Organic and Biological Chemistry and Laboratory
CHEM-UA 210 Formerly Principles of Organic Chemistry and Laboratory. Prerequisite: Introduction to Modern Chemistry and Laboratory (CHEM-UA 120) with a grade of C or better. Not open to chemistry majors. Intended primarily for nonscience majors and students in the Steinhardt School of Culture, Education, and Human Development or the College of Nursing. Offered every semester. 5 points.
Covers nomenclature, conformations, stereochemistry, chemical reactions, and synthesis of organic compounds. Fundamentals of biochemistry, including carbohydrates, lipids, amino acids, peptides, and nucleic acids.

Organic Chemistry II and Laboratory
CHEM-UA 226 Prerequisite: Organic Chemistry I and Laboratory (CHEM-UA 225) or Majors Organic Chemistry I and Laboratory (CHEM-UA 227) with a grade of C or better. Offered every semester. 5 points.
A continuation of the study of chemistry of organic compounds. See topics under CHEM-UA 225. Laboratories provide training in the syntheses of organic precursors in high yields and high purity needed for multistep procedures. An extensive research project involving unknown compounds is conducted. The use of IR and NMR spectroscopy is explored.

Majors Organic Chemistry I and Laboratory
CHEM-UA 225 Prerequisite: General Chemistry II and Laboratory (CHEM-UA 126) or Accelerated General Chemistry and Laboratory (CHEM-UA 129) with a grade of C or better and permission of the department. Offered in the fall. 5 points.
Emphasizes the theory and structures of covalent bonded materials and develops greater insight into how organic compounds react. Because of the focus on fundamental properties...
and the depth of coverage, designed for students who plan to major in either chemistry or biochemistry.

**Majors Organic Chemistry II and Laboratory**
CHEM-UA 228 Prerequisites: Majors Organic Chemistry I and Laboratory (CHEM-UA 227) with a grade of C or better and permission of the department. Offered in the spring. 5 points.
A continuation of CHEM-UA 227. Emphasis on oxygen-bearing functional groups such as ketones, acids, and acid derivatives, and their importance in forming carbon-to-carbon bonds. These topics are further extended to polyfunctional compounds such as carbohydrates. Because of the depth of coverage, designed for students who plan to major in either chemistry or biochemistry.

**Physical Chemistry: Quantum Mechanics and Spectroscopy**
CHEM-UA 651 Prerequisites: General Chemistry II and Laboratory (CHEM-UA 126) or Accelerated General Chemistry and Laboratory (CHEM-UA 129); Calculus II (MATH-UA 122); and General Physics I and II (PHYS-UA 11, 12), all with grades of C or better. [Students in the three-course sequence for physics majors must complete all three courses plus their separate labs (PHYS-UA 91, 93, and 95 with PHYS-UA 71, 72, and 73); and a 2.0 in the chemistry or biochemistry major. Mathematics for Chemistry (CHEM-UA 140) is strongly recommended; students may substitute Calculus III (MATH-UA 123) and/or Linear Algebra (MATH-UA 140). Offered in the fall and spring. 4 points.
Develops the close connection between the microscopic world of quantum mechanics and the macroscopic world of thermodynamics. Topics: properties of gases, kinetics, elementary statistical thermodynamics, and thermodynamics of single and multicomponent systems. CHEM-UA 651 and 652 may be taken in either order.

**Physical Chemistry Laboratory**
CHEM-UA 661 Prerequisite: General Chemistry II and Laboratory (CHEM-UA 126) or Accelerated General Chemistry and Laboratory (CHEM-UA 129) with a grade of C or better. Prerequisites or corequisites: Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) and Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652) with grades of C or better. Laboratory and lecture. Offered in the fall and spring. 4 points.
The principles and practices of experimental methods in analytical and research laboratories. Emphasizes background physicochemical theory, and capabilities and limitations of methods and interpretations of data. Covers instrumental methods, such as UV/visible spectroscopy, FT-IR, NMR, and fluorescence, for the systematic characterization of compounds. Includes computer modeling of molecular properties.

**Analytical Chemistry Lecture and Laboratory**
CHEM-UA 662 Formerly Experimental Methods II. Prerequisites: either General Chemistry II and Laboratory (CHEM-UA 126) or Accelerated General Chemistry (CHEM-UA 129) with a grade of C or better, and Calculus I (MATH-UA 121) or equivalent with a grade of C or better. Recommended corequisite: either Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) or Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652). Offered in the spring. 4 points.
Provides instruction in the use of instruments that are central to modern chemical analyses and presents principles that underlie the measurements and the corresponding instrument function. Describes criteria for the selection of particular instrumental methods and discusses the advantages and limitations of specific methods. The laboratory component of the course familiarizes students with the variety of instrumental methods they will encounter both as undergraduates and later in the work environment or advanced study programs.

**Inorganic Chemistry**
CHEM-UA 711 Prerequisites: Organic Chemistry II and Laboratory (CHEM-UA 226) or Majors Organic Chemistry II and Laboratory (CHEM-UA 228) with a grade of C or better, and either Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) or Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652) with a grade of C or better, or permission of the instructor. Corequisite:
CHEM-UA 651 or 652 (whichever was not taken as a prerequisite). Offered in the spring. 4 points.
Studie s of methods in inorganic chemistry that utilize symmetry to describe bonding and spectra of inorganic compounds. Reactions and kinetics of inorganic, organometallic, and bioinorganic compounds. Selected topics in main group chemistry.

Computational Chemistry
CHEM-UA 752 Formerly Computational Nanotechnology. Prerequisite: Organic Chemistry II and Laboratory (CHEM-UA 226) or Majors Organic Chemistry II and Laboratory (CHEM-UA 228). Corequisite or prerequisite: Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) or Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652). Offered in the fall. 4 points.
Develops solid understanding of computational methods and competence in applying them to molecular modeling. Recommended for students with some computer science background.

Structural DNA Nanotechnology
CHEM-UA 828 Formerly CHEM-UA 382. Prerequisite: Organic Chemistry II and Laboratory (CHEM-UA 226) or Majors Organic Chemistry II and Laboratory (CHEM-UA 228) with a grade of C or better, or permission of the instructor. Corequisite: Biochemistry I (CHEM-UA 881). Offered once a year. 4 points.
Using DNA secondary structures to control and program molecular structure on the nanometer scale. Students present on recent papers in the field. Specific advanced topics vary: molecular orbital theory, electrocyclic reactions, photochemistry, free radical chemistry, natural products, bioorganic chemistry, organic synthesis, crystallography, and nucleic acid chemistry.

Special Topics in Biochemistry: Cellular
Biochemistry
CHEM-UA 850 Prerequisite: Biochemistry I (CHEM-UA 881) with a grade of C or better. Offered in the spring. 4 points.
Biochemistry as it relates to the cell biology of eukaryotic cells. Examines eukaryotic cell compartmentation (organelles) and how this plays a vital role in the control and regulation of the biochemistry of the cell.

Chemical Biology
CHEM-UA 868 Prerequisites: Organic Chemistry II and Laboratory (CHEM-UA 226) or Majors Organic Chemistry II and Laboratory (CHEM-UA 228) with a grade of C or better, and Biochemistry I (CHEM-UA 881) with a grade of C or better. Offered in the spring. 4 points.
Biological processes at the molecular and structural levels, with an emphasis on the development of chemical reagents and tools. Emphasizes the thought process involved in making new discoveries and the insights gained from these discoveries, and introduces physical organic principles and biophysical spectroscopy methods as necessary. Highlights application of synthetic organic chemistry to develop ligands and inhibitors that regulate biomolecular interactions (including DNA-protein, RNA-protein, and protein-protein interactions) as potential therapeutics.

Advanced Biochemistry
CHEM-UA 890 Prerequisites or corequisites: Physical Chemistry: Quantum Mechanics and Spectroscopy (CHEM-UA 651) and Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 652) with grades of C or better (one must be taken as a prerequisite and the other can be taken as a corequisite). Offered in the spring. 4 points.
Methods used in biochemical, biophysical, and biological research, as well as in selected biomedical applications. Topics include molecular spectroscopic techniques such as light absorption and fluorescence, optical activity, thermodynamics, electrophoresis, nuclear magnetic resonance, and mass spectrometry. Applications include biomolecular and single molecule
spectroscopy, molecular beacons, DNA technology, fluorescence, magnetic resonance imaging, and proteomics.

**Advanced Organic Chemistry**
CHEM-UA 911  
Prerequisite: Organic Chemistry II and Laboratory (CHEM-UA 226) or Majors Organic Chemistry II (CHEM-UA 228) with a grade of C or better. Offered once a year. 4 points.  
Focuses on structure and theory with a particular emphasis on the application of stereoelectronic and conformational effects on reaction mechanisms, catalysis, and molecular recognition.

**Senior Honors in Chemistry**
CHEM-UA 995, 996  
Prerequisites: permission of the department and one semester of Advanced Independent Study and Research (CHEM-UA 997 or 998). Restricted to senior chemistry or biochemistry majors with a 3.65 both overall and in the courses required for the major. Required for candidates for the degree with honors. CHEM-UA 995 offered in the fall; CHEM-UA 996 offered in the spring. 2 to 4 points per term.  
In consultation with the director of undergraduate studies, the student chooses a faculty member to serve as adviser in an independent program of research in experimental or theoretical chemistry. The student selects an adviser in the spring of the junior year or earlier and undertakes the work that spring, the following summer, and into the senior year. Attendance and participation in a weekly class component is required. A written progress report or oral presentation at the end of the fall semester of the senior year is required. The research is completed during the spring term, and the student presents the work at the annual College of Arts and Science Undergraduate Research Conference near the end of the term. The research culminates in the writing of a senior thesis that must be approved by the adviser and the director of undergraduate studies.

**Advanced Independent Study and Research**
CHEM-UA 997, 998  
Prerequisite: permission of the department. Open to students majoring in chemistry or biochemistry who have maintained an average of 3.0 or better in all departmentally required courses and who possess the requisite ability to pursue research in a field of chemistry or biochemistry. CHEM-UA 997 offered in the fall; CHEM-UA 998 offered in the spring. 2 to 4 points per term.  
The research adviser is selected in consultation with the director of undergraduate studies. Training is provided in current research areas. Requires a written progress report at the end of the fall semester and a final research report at the close of the academic year.

**Graduate Courses Open to Advanced Undergraduates**
Graduate courses in chemistry may be taken for undergraduate credit with the permission of the instructor and director of undergraduate studies. For further information, see the director of undergraduate studies and consult the Graduate School of Arts and Science Bulletin.
MINOR IN
Child and Adolescent Mental Health Studies

OVERVIEW
Offered by the College of Arts and Science in cooperation with the Department of Child and Adolescent Psychiatry (DCAP) at NYU Langone Health, this minor aims to heighten students’ awareness of childhood mental health issues and their sustained impact on adolescents and adults. In the child and adolescent mental health studies (CAMS) minor, students will (1) explore the relationship between human behavior and its biological and environmental bases; (2) be challenged to think critically about the concepts of “normal” or “typical” versus “abnormal” behavior and engage in a meta-level analysis of the social, historical, and cultural context of mental health, illness, and diagnosis; and (3) be encouraged to consider how their future career can have a beneficial impact on the mental health of children, adolescents, and families.

FACULTY
Brooke and Daniel Neidich
Professor
Castellanos

Professors
Saxe, Shatkin

Associate Professors
Baroni, Fleiss, Gallagher, Henderson, Kerker, Montalto, Schlechter

Assistant Professors
Amanbekova, Angelosante, Baker, Berry, Brown, Busa, Desai, Diaz, Di Bernardo,

Doggett, Doshi, Evans, Ferrari, Foubister, Furier, Goldberg, Glickman, Knepley,
Knickerbocker, La Lima, Nayak, Nishawala, Pereira-Sanchez, Phillips, Pochtar, Raffman, Shah, Shalev, Vazzana, Verduin,
Wagner, Watson, Waugh, Weis

Research Professor
Willheim

Adjunct Professors
Charuvastra, Masia, Mathewson, Rego, Spindel

Instructors
Chai, Lerner, Marcus, Soffer

PROGRAM
Minor
The minor in child and adolescent mental health studies (CAMS) requires the completion of at least 18 points (usually five courses) as follows:

• Child and Adolescent Psychopathology (CAMS-UA 101) is required of all minors and is a prerequisite for some advanced CAMS courses.
• In addition to CAMS-UA 101, students must complete at least two more CAMS-UA courses.
• The remaining two courses can either be CAMS-UA courses or approved non-departmental courses. For a list of these approved non-CAMS courses, please see “courses in other departments” or the CAMS website.
• Students must receive a C or better in all courses used toward the CAMS minor.
• Courses taken Pass/Fail may not be used toward the CAMS minor.

Courses taken for the CAMS minor cannot be applied to another major or minor, unless a student is a neural science or psychology major at NYU College of Arts and Science; a social work major at NYU Silver School of Social Work; a student in the Department of Teaching and Learning at NYU Steinhardt; or a nursing student at NYU Rory Meyers College of Nursing.

**Neural science, psychology, and social work majors** may count one course toward both the CAMS minor and their major. However, if a student double counts a major course toward the CAMS minor, s/he may not also double-count a CAMS course toward his/her major.

**Teaching and learning** students at NYU Steinhardt may double count one of the following applied psychology courses toward their major and the CAMS minor: APSY-UE 20, APSY-UE 21, APSY-UE 22, or APSY-UE 23.

**Nursing students** at NYU Rory Meyers College of Nursing may count both PSYCH-UA 1 and APSY-UE 1271 toward their major and the CAMS minor. To complete the CAMS minor, nursing students must take an additional three courses selected from the CAMS course offerings, one of which must be CAMS-UA 101.

**Declaration and Advising**

CAS students: please contact CSCCams@nyulangone.org to declare the minor. All other NYU students: please declare the minor via the cross-school minor application on Albert.

For more information, please contact the CAMS adviser at CSCCams@nyulangone.org.

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**COURSES**

Courses in child and adolescent mental health studies (CAMS) are currently also offered at NYU London and NYU Sydney. Consult the CAMS website for complete course offerings.

Child and Adolescent Psychopathology (CAMS-UA 101) is the foundational course required of all CAMS minors. Some CAMS courses (such as advanced seminars) have prerequisites as specified below, but many of them have no prerequisites and are open to all undergraduates.

**Child and Adolescent Psychopathology**

CAMS-UA 101  Prerequisite: Introduction to Psychology (PSYCH-UA 1) or Introduction to Psychology and its Principles (APSY-UE 2) or AP Psychology credit. Offered in the fall, spring, and summer. Evans, Shatkin. 4 points.

Students receive both a research-informed and pragmatic orientation to psychopathology from practicing academic leaders in the field of mental health. Examines disease etiology, epidemiology, phenomenology, nosology, and diagnosis. Offers a critical review of common child, adolescent, and young adult psychopathology and challenges social and cultural assumptions of what constitutes “normal” versus “pathological” behavior, cognition, and emotion. Students complete one practicum with a clinician during the evaluation of a patient at the NYU Department of Child and Adolescent Psychiatry.

**The Treatment of Child and Adolescent Mental Illness**

CAMS-UA 102  Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101). Offered in the spring. Evans, Henderson. 4 points.

Over the past 40 years, new evidence-based treatments for children and adolescents suffering from mental illness have emerged, including behavioral psychotherapies such as cognitive behavior therapy for anxiety and depression and dialectical behavior therapy for personality disorders. Additionally, strong evidence supports the use of pharmacological interventions for ADHD, mood and anxiety disorders, psychotic disorders, and autism. Students investigate each of these treatments by reading and analyzing much of the original research that established their efficacy.
Complementary and Alternative Mental Health
CAMS-UA 103 Offered in the fall, spring, and summer. Chai. 4 points.
Complementary and alternative treatments comprise the most rapidly expanding segment of American healthcare. Examines the role of non-conventional care in the mental wellness of children, adolescents, and young adults. Surveys the historical, clinical, and scientific aspects of mind-body treatments, biologically based alternative therapies, spirituality, and the traditional medical systems of China and India. Students investigate the social, political, and economic forces influencing the role and status of complementary and alternative practices in America.

When the Nightmare Is Real: Trauma in Childhood and Adolescence
CAMS-UA 104 Offered in the fall, spring, and summer. Brown, Mathewson, Willheim. 4 points.
Approximately three million cases of child abuse and neglect are reported in the U.S. annually, and many children experience other traumas that profoundly influence their development and health. Examines the neurobiological and psychological effects of trauma on children and families. Investigates the impact of physical, emotional, and sexual abuse, neglect, war, terrorism, natural disasters, bereavement, and medical illness. Explores the concepts of vulnerability and resilience, and discusses treatment modalities employed with traumatized youth and families.

Mindfulness and Mental Health
CAMS-UA 105 Offered in the fall and spring. Desai, Roffman. 4 points.
Have you ever accidentally locked yourself out of your apartment or walked to school realizing you have no recollection of what happened along the way? Where is our mind during moments like these, and can bringing more awareness to ourselves improve our well-being and change our brains? Students explore mindfulness, develop an understanding of its complex mechanisms, investigate the neuroscience behind mindfulness-based practices, and learn its practical applications across the lifespan from infancy into adulthood.

The Science of Happiness
CAMS-UA 110 Offered in the fall, spring, and summer. Lerner, Schlechter. 4 points.
Examines the state of college-student mental health and wellness on a personal and systems level. Explores how individuals can create positive change by reinterpreting their goals and identifying steps toward a successful college experience. Key findings from the fields of neuroscience and positive psychology inform our study of the biopsychosocial underpinnings of success and happiness. Final project requires students to promote an area of mental wellness on campus.

The Nature of Success
CAMS-UA 113 Offered in the fall and spring. Saxe. 4 points.
Uses and applies systems science to understand the occurrence of success and failure in a wide variety of systems including biological systems, ecologies, families, peer groups, business organizations, and societies. Emphasizes human development and encourages students to apply the concepts and knowledge acquired to the systems they most want to understand and/or in which they wish to succeed.

Road to Resilience
CAMS-UA 114 Formerly Risk and Resilience. Offered in the fall and spring. Evans, Shatkin. 4 points.
Focuses on wellness, positive youth development, resilience building, and risk-reduction techniques that specifically target behavioral risk factors in adolescence and early adulthood. Tackles cognitive distortions, stress and anxiety reduction, effective communication skills, and healthy eating, sleeping, and exercise habits. Provides a powerful and evidence-based toolkit for how to thrive during the college years (and beyond).

Skepticism and Proof: Research Methods in Child Mental Health
CAMS-UA 120 Offered in the fall and spring. Gallagher, La Lima. 4 points.
Evidence-based clinical care seeks to guide mental health practitioners in the critical appraisal of data on risk factors, prevention, and treatment. Students compare and contrast published research with media reports and draw logical conclusions. They design hypothetical research protocols and present them in a mock research-funding application process. Topics include the “epidemic” of certain diagnoses, the influence of the environment and culture on child mental health, and the risks and benefits of widely prescribed medications.

Behavioral Interventions for Children with Disruptive Behavior Disorders: Practicum
CAMS-UA 131, 132. CAMS-UA 131 is offered in summer session I; CAMS-UA 132 is offered in summer session II. Fleiss. 3 points per summer session.
Hands-on learning experience that broadens students’ understanding of the impact of behavioral disorders on children’s functioning and the behavioral treatments used to improve their social, academic, and home life. First summer session: didactic instruction on behavioral treatments and training in behavioral principles and procedures. Second summer session: practicum at the NYU Department of Child and Adolescent Psychiatry’s Summer Program for Kids.
which offers students an opportunity to observe the expression of symptoms and apply behavioral treatments in a day-camp setting.

**From Huck Finn to Columbine: Understanding Disruptive Behaviors in Children and Adolescents**

CAMS-UA 133  *Offered in the fall and spring.* Phillips. 4 points.
What makes kids do bad things? Who is accountable for their acts? How can we prevent childhood violence? Explores the spectrum of “bad” behavior from biological, psychological, and sociological perspectives. Topics include the nature vs. nurture debate, biased media reporting, medicating disruptive behaviors, the influence of media and gaming violence on youth, gender differences in disruptive behavior, atrocities perpetrated by children and adolescents, and the growing scientific literature detailing neurodevelopment as it relates to behavior.

**Behavioral Problems in School: Impairment to Intervention**

CAMS-UA 134  *Offered in the fall, spring, and summer.* Verduin. 4 points.
Addresses common causes of disruptive behavior, such as Attention-Deficit/Hyperactivity Disorder (ADHD) and related conditions. Also offers a primer in evidence-based behavior management tools (including selective attention, behavioral daily report cards, token economies, and antecedent strategies). Theoretical and research bases for these strategies are explored. Recommended for those considering careers in child psychology or psychiatry, pediatrics, or general or special education, especially those seeking experience as student aides, camp counselors, or Special Education Itinerant Teachers (SEITs).

**Child Brain Development:**

**Applications from Neuroscience to Practice**

CAMS-UA 141  *Offered in the fall and spring.* Montalto. 4 points.
The explosion of neuroscience research over the last 20 years has enhanced our understanding of the brain’s development and function, revolutionizing social work, healthcare, education, and psychology. Focuses on normal brain functioning, along with illustrative pathological developmental and dysfunctional conditions such as dyslexia, autism, and attention deficit/hyperactivity disorder. Applies brain-based skills to understand the environmental demands children and teens confront. Hands-on learning opportunities include a visit to the Brain Pathology Lab at NYU Langone Health.

**The Adolescent Paradox:**

**Emotions, Behavior, and Identity**

CAMS-UA 142  *Offered in the fall, spring, and summer.* Di Bernardo, Pochtar, Soffer. 4 points.
Biological and psychological changes during puberty that affect emotion regulation, cognition, and risk-taking behavior are at the root of increased morbidity and mortality in adolescence. Is adolescence a developmental period inevitably filled with “storm and stress”? How should current scientific findings inform our understanding of the propensity for risk-taking behavior during this period (including substance use, increasing sexual activity, and disordered eating)? Explores biopsychosocial factors that shape emotions, behavior, and emerging identity during adolescence.

**Sex Matters: Identity, Behavior, and Development**

CAMS-UA 143  *Offered in the fall and spring.* Rego. 4 points.
Explores the impact of sexual identity development on the mental health of children and adolescents. Examines the complex interplay of biological, psychological, and sociological components affecting sexual development, beginning with sexual differentiation in utero and extending to development of the primary and secondary sex organs in childhood and puberty.

**Looking Back on Growing Up**

CAMS-UA 144  *Offered in the fall and spring.* Knickerbocker. 4 points.
What impact does our upbringing have upon who we become as adults? Offers a comprehensive overview of child development. Investigates the complexity of human growth, adaptation, and responses to adversity by tracing the development of cognitive, emotional, interpersonal, and moral capacities. Reviews historical and modern-day developmental theories, as well as such interpersonal constructs as family systems, peer relations, gender and sexual identity, and cultural variation. Special emphasis on the dynamic interplay between biology and environment.

**Morality in Childhood**

CAMS-UA 145  *Offered in the fall, spring, and summer.* Berry, Shalev. 4 points.
How do children negotiate influences and challenges such as celebrity misbehavior, media violence, (cyber) bullying, and easily accessible drugs? How do they learn moral principles? Explores how gender, culture, socioeconomic status, education, and parenting influence moral development from infancy through adolescence. Considers perspectives from developmental neurobiology, evolutionary biology, and philosophy, along with theoretical frameworks from cognitive and social psychology.

**Twentysomething**

CAMS-UA 146  *Offered in the fall and spring.* Díaz. 4 points.
Worldwide, people are marrying, having children, and becoming financially...
What is the role of play as we age?
Surveys historical, scientific, clinical, cultural, and artistic perspectives on the role of play through the lifecycle. Explores various theories of creativity through the lens of neuroscience, psychology, philosophy, and mysticism. Topics include exploration of play styles, observations of animal play, the role of play in education, social bonding, consequences of play deprivation, and the relationship between creativity, mental illness, and genius.

Children and the Media
CAMS-UA 150 Offered in the fall and spring. Foubister. 4 points.
Children between the ages of 2 and 18 years spend an average of five-and-a-half hours a day using some form of media. Critically reviews the current research literature on how media use affects children’s mental health, as well as their cognitive, emotional, and social development. Examines both controversial issues, such as media’s effects on children’s violent behavior and substance use, and the potential benefits of media.

Cultural Perspectives on Mental Health and Illness
CAMS-UA 151 Offered in the fall and spring. Brandon. 4 points.
How do culture, ethnicity, race, and minority status affect the mental health of children, adolescents, and young adults in modern America? Examines differing cultural views of mental health and illness and acceptance (or not) of mental health care. Topics include cultural aspects of identity development, family dynamics and parenting, stigma, and mental health disparities; the effects of stereotypes and intergroup bias; and the acculturation of immigrant youth and children of immigrants.

Global Perspectives in Child and Adolescent Mental Health
CAMS-UA 152 Offered in the fall and spring. Cervantes, La Lima, Pereria-Sanchez. 4 points.
Children and adolescents suffer worldwide from significant mental health stressors, but how mental health is perceived and addressed varies greatly around the world. Provides an overview of human rights, social determinants of mental health, trauma and resilience, and the global public health significance of mental illness. Explores how salient cross-cultural factors (e.g., poverty, war, and gender-based exploitation) impact children’s development and wellbeing.

Mental Health and Society
CAMS-UA 153 Offered in the fall and spring. Kerker, Tullberg. 4 points.
Utilizes a public health approach to study mental health, examining the influence of social factors, including discrimination, media, poverty, education, and trauma. Considers how to improve child, adolescent, and family mental health within the context of the current care system.

Transgender Youth
CAMS-UA 154 Offered in the spring. Busa. 4 points.
Transgender and gender non-conforming (TGNC) youth are more visible in society, seeing mental health providers in increasing numbers, and often subject to stigma, bias, and lack of understanding of their unique needs. Examines scientific research on TGNC youth in the context of practical challenges faced by these individuals and their families. Students hear from experts in the field, receive personal accounts from TGNC teens, and visit social service agencies and events produced by TGNC individuals.

Making Medical Decisions
CAMS-UA 155 Offered in the fall and spring. Pereira-Sanchez, Shah. 4 points.
Should a child be allowed to refuse life-saving treatment? When can a
teen’s right to change gender outweigh parental permission? Examines the doctor-patient encounter when the patient is a child. Topics: principles of medical ethics; the concept of informed consent; and the child’s capacities to reason and make medical decisions. Students debate sexual health, psychiatric treatment, research, and end-of-life care.

The Art and Science of Parenting
CAMS-UA 161 Offered in the fall, spring, and summer. Gallagher. 4 points.
After spending our early lives with our parents, what can we say about how they influenced our personalities and development? Examines parenting styles in detail to identify qualities that foster healthy child development and reviews research on the importance of parenting practices within a family context. Considers how to interact effectively with parents, how to mobilize parents, and what efforts have been successful in changing detrimental parenting actions.

Children of Divorce
CAMS-UA 162 Offered in the fall and spring. Glickman. 4 points.
How does divorce impact children and their capacity to grow into loving, high-functioning, relationship-forming adults? Provides an overview of current research on divorce in American families. Emphasizes how divorce affects children, their mental health, and the ability to form healthy adult relationships. Examines theories of attachment, intimacy, and communication in the context of successful and failed marital relationships. Considers both trauma and resilience.

While You Were Sleeping
CAMS-UA 170 Offered in the fall and spring. Baroni, Shatkin. 4 points.
A comprehensive introduction to sleep and dreams throughout the life cycle. Topics include normal sleep behavior and physiology, the evolution of sleep, circadian and biological rhythms, dreams, and the diagnosis and treatment of sleep disorders. Emphasizes the importance of sleep for mental and physical well-being, and guides students in an evidence-based approach to establishing a healthy sleep routine.

Drugs and Kids
CAMS-UA 180 Offered in the fall, spring, and summer. Waugh. 4 points.
Most individuals with substance use disorders began using during adolescence or even childhood. Reviews the classes of psychoactive substances, including alcohol, tobacco, and illicit drugs, and their basic neurophysiological effects. Explores the historical, social, and psychological factors related to substance use, abuse, and addiction in adolescents and children. Considers prevention, treatment, and policy issues related to young people.

Special Victims Unit: Child Maltreatment and its Effects on Child and Family Mental Health
CAMS-UA 190 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or Personality (PSYCH-UA 30) or Abnormal Psychology (PSYCH-UA 51) or permission of instructors. Offered in the fall, spring, and summer. Tullberg. 4 points.
The Adverse Childhood Experiences Study and a multitude of other research shows that up to one in four U.S. children experience maltreatment before age 18, and that such maltreatment can negatively impact their mental health. We explore how maltreatment impacts child and parental mental health and well-being, and how characteristics such as race and socioeconomic status affect how maltreatment is identified, investigated, and addressed by law enforcement and social services systems. We examine how mental and behavioral health needs are managed for families requiring services. Finally, we explore the impact of child maltreatment on the people and institutions charged with helping these children and their families.

The Literature of Children and Adolescents
CAMS-UA 191 Offered in the fall and spring. Spira. 4 points.
Over the last century, a vibrant, many-faceted literature for young people has grown in tandem with our understanding of child and adolescent psychology to present young readers with an increasingly finely calibrated perspective on such basic developmental issues as the formation of trust, the emergence of autonomy, and the complexities of family and peer relationships. Explores these and other topics through a wide range of picture books, longer fiction, and relevant professional literature.

Speaking Our Minds—Narrating Mental Illness
CAMS-UA 192 Offered in the fall and spring. Furer. 4 points.
First-person narrative has the unique ability to relate the lived and felt experience of mental illness in a way that a conventional patient history, chart, or strictly medical documentation cannot. Examines video testimony, memoir, autobiographical fiction, theatre, and film and discusses the interpretation of the illness experience, with a focus on applications for public health, advocacy, and social justice.

Advanced Seminars
Unless noted otherwise, the prerequisite for all advanced seminars is completion of Child and Adolescent Psychopathology (CAMS-UA 101).
Advanced Seminar: Autism Spectrum Disorders (ASDs)
CAMS-UA 201 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or permission of the instructor. Offered in the fall and spring. Baker, Nishawala. 4 points.
Provides students with an in-depth exposure to Autism Spectrum Disorder (ASD). Begins with epidemiology and etiological theories, then examines various biological, behavioral, and cognitive paradigms in an effort to conceptualize developmental links between brain and behavior. Considers diagnostic and treatment strategies, and finally issues of public policy. Students observe teens and young adults with autism participating in a social skills group treatment program.

Advanced Seminar in Personality Disorders
CAMS-UA 202 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or Personality (PSYCH-UA 30) or Abnormal Psychology (PSYCH-UA 51) or permission of instructors. Offered in the fall and spring. Goldberg. 4 points.
Can we truly classify one’s personality, the very essence of an individual, as “disordered”? Explores the history, etiology, diagnosis, and treatment of personality disorders. We give an overview of personality disorders and associated character traits and then an in-depth review of each personality disorder. Students study the genetic, neurobiological, and developmental research supporting and refuting these diagnoses. We review various classification systems, observe how the media often portrays personality disorders, and challenge the notion that undesirable personality traits are always maladaptive.

Advanced Seminar: Eating Disorders
CAMS-UA 203 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or Introduction to Psychology (PSYCH-UA 1) or permission of the instructor. Vazzana. 4 points.
Aims to dispel misconceptions and educate students about the complexity, clinical features, causes, and treatments of eating disorders—including anorexia nervosa, which has the highest mortality rate of any psychiatric illness. Underscores the biological and psychosocial importance of puberty in the onset of these illnesses.

Advanced Seminar: It’s a Family Affair—Family Systems and Child and Adolescent Mental Health
CAMS-UA 204 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or permission of the instructor. Offered in the fall and spring. Koffman. 4 points.
Until the mid-20th century, individually oriented theories of human development and psychopathology dominated the field of mental health. Family systems theory emerged as a response to the limitations of that paradigm, offering a radically different perspective: an individual is always embedded in networks of relationships, the most central being the family. Presents family systems theory as a powerful tool for understanding families and for working with children and adolescents. Emphasizes multicultural dimensions of mental health theory and practice.

Fear Factor: Advanced Seminar in Anxiety Disorders
CAMS-UA 205 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or permission of the instructor. Offered in the fall, spring, and summer. Angelosante, Masia, Spindel. 4 points.
How do anxiety disorders develop? How can they be successfully treated? What distinguishes anxiety from other mental health disorders? Examines anxiety disorders (such as phobias or obsessions and compulsions) by reviewing research and clinical data. Students observe a diagnostic assessment of a child or teen with an anxiety disorder and debate the risks and benefits of different treatment modalities.

Advanced Seminar: Attachment and Loss
CAMS-UA 206 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or permission of the instructor. Offered in the fall and spring. Willheim. 4 points.
Can early experiences of separation and loss lead to psychological, behavioral, and psychosomatic problems? Can these problems be addressed in the context of a healing relationship? Examines how healthy interpersonal attachment is defined, facilitated, and maintained, along with key principles of effective bonding. Considers how neglect and trauma may lead to a disrupted or fractured attachment style among children. Utilizes specific examples from adoption and foster care and their long-term effects on building satisfying relationships.

Lab: Advanced Study of Clinical Intervention and Clinical Research
CAMS-UA 401 Prerequisite: Child and Adolescent Psychopathology (CAMS-UA 101) or permission of the instructor. Students must apply for admission by submitting a CV or résumé, unofficial transcript, and brief statement of interest to #CSCCamsonlyulangone.org. Offered in the fall and spring. Gallagher. 4 points.
Through in-class discussion, assignments, and a lab placement at the NYU Department of Child and Adolescent Psychiatry (five hours per week), students gain a comprehensive knowledge of current clinical practices (assessment, treatment, and effectiveness evaluation) and how they are developed. Placements include: The Parent-Child Interaction Therapy Team, the Selective Mutism Team, the Organizational Skills Study Group, the Institute for Learning and Academic Achievement, the Dialectical Behavior
Therapy Program, and the Autism Spectrum Disorders Program.

**Grand Rounds Seminar in Child and Adolescent Mental Health Studies**
CAMS-UA 501  Offered in the fall and spring. Shatkin. 2 points.
The NYU Department of Child and Adolescent Psychiatry’s weekly Grand Rounds program features invited thought leaders in child and adolescent psychiatry and psychology from throughout the world. Students attend the weekly grand rounds presentation and discuss these topics in-depth with CAMS faculty. They engage with novel theories, research findings, and clinical treatments.

**Weed: The Science and Psychology of Marijuana**
CAMS-UA 502  Offered in the fall and spring. Nayak, Phillips. 2 points.
Marijuana is the most commonly used drug in the United States, remaining illicit in most states. Calming for some, anxiety provoking for others, perhaps medicinal, always controversial: Is it safe and therapeutic, or is it dangerous and a gateway to more harmful drugs? Considers marijuana’s role in psychology, medicine, culture, and government policy.

**Clicks, Likes, and Tweets: Behavioral Addiction in the Digital Space**
CAMS-UA 503  Offered in the fall and spring. Baroni. 2 points.
A quarter of U.S. college students are estimated to experience Internet overuse, which is associated with an increased risk of depression, anxiety, loneliness, and various neuropsychological changes. Discusses these negative consequences and strategies to reduce use. Topics include: brain mechanisms and behavioral patterns; how brain/behavioral mechanisms are exploited to make video games, TV, and websites addictive; how to regain balance.

**#TrendingMentalHealth**
CAMS-UA 504  Offered in the fall and spring. Shatkin, Waugh. 2 points.
Addresses current problems facing our society and threatening our mental health, such as the opioid epidemic, gun violence, video game addiction, legal use of marijuana, and prolonged separation of children from their parents. Students contrast what is scientifically understood with what is commonly believed and learn critical reading and thinking skills as they parse fact from fiction, reality from supposition. Themes may vary by semester and instructor expertise (including a focus on social and cultural issues, novel neuroscience, digital health technology, etc.).

**Singin’ in the Brain: Music and the Developing Child**
CAMS-UA 505  Offered in the fall and spring. Soffer. 2 points.
Explores the unfolding and growth of musical abilities, starting in utero and progressing through infancy and childhood. Draws on novel neuroscience research to examine early, innate responses to music and brain areas important for musicality. Examines how nature-nurture interactions culminate in the developmental abilities to sing in tune and hold a beat. Considers claims that music can boost intelligence, language development, and other cognitive skills, as well as incorporating music into children’s lives.

**Courses in Other Departments**
Up to two courses from the following list may be applied to the minor. (Many of them have prerequisites, which are noted in the course descriptions of the sponsoring departments.) Courses taken outside of the College in the other schools of NYU count against each student’s allowance of 16 non-CAS points, and cannot be applied toward the 64-credit residency requirement in UA courses.

**Internships and Independent Study**

**CAMS Summer Internship Program**
CAMS-UA 300, 301 Prerequisite: none for CAMS-UA 300; for CAMS-UA 301: completion of CAMS-UA 300. CAMS-UA 300 is offered in summer session I; CAMS-UA 301 is offered in summer session II. Students must commit to completing both sessions to participate in this program. Pochtar. 2 points per session.
For 12 weeks, students undertake part-time, unpaid, supervised internships in various clinical, educational, and research settings focused on child, adolescent, and family mental health. Sites include the NYU Department of Child and Adolescent Psychiatry, in addition to NYU clinical and research affiliates. Students are mentored by an established faculty or professional staff member at placement sites. Includes weekly didactics, individual and group supervision, and a poster presentation.

**Independent Study: Advanced Topics in Child and Adolescent Mental Health Studies**
CAMS-UA 997, 998  Offered every semester. 1 to 4 points.
The independent study program offers students the opportunity to investigate a topic with a faculty member in the Department of Child and Adolescent Psychiatry. Areas of study may include research methods, clinical interviewing, systems of care, and education and training.
**NEURAL SCIENCE**

Introduction to Neural Science  
NEURL-UA 100  4 points.

Behavioral and Integrative Neuroscience  
NEURL-UA 220  Identical to PSYCH-UA 52.  4 points.

**PSYCHOLOGY**

Introduction to Psychology  
PSYCH-UA 1  Credit for AP Psychology is also accepted.  4 points.

Cognitive Neuroscience  
PSYCH-UA 25  4 points.

Cognition  
PSYCH-UA 29  4 points.

Developmental Psychology  
PSYCH-UA 34  4 points.

Abnormal Psychology  
PSYCH-UA 51  4 points.

Behavioral and Integrative Neuroscience  
PSYCH-UA 52  Identical to NEURL-UA 220.  4 points.

**SOCIOLOGY**

The Family  
SOC-UA 451  4 points.

COURSES OUTSIDE OF THE COLLEGE OF ARTS AND SCIENCE

Introduction to Psychology and Its Principles  
APSY-UE 2  4 points.

Developmental Psychology  
APSY-UE 10  4 points.

Personality Theories  
APSY-UE 19  4 points.

Abnormal Psychology  
APSY-UE 1038  4 points.

Women and Mental Health: A Life-Cycle Perspective  
APSY-UE 1041  4 points.

Sexual Identities Across the Lifespan  
APSY-UE 1110  4 points.

Human Learning  
APSY-UE 1214  4 points.

Developmental Psychology Across the Lifespan  
APSY-UE 1271  3 points.

Adolescent Development  
APSY-UE 1272  4 points.

Families, Schools, and Child Development  
APSY-UE 1278  4 points.

Child Development and Social Policy in a Global Society  
APSY-UE 1279  4 points.

Parenting and Culture  
APSY-UE 1280  4 points.

Speech and Language Development in Children  
CSCD-UE 1601  4 points.

Introduction to Speech and Language Disorders in Children  
CSCD-UE 1701  4 points.

Kids in Media Culture  
MCC-UE 1018  4 points.

Language Acquisition and Literacy Education in a Multilingual and Multicultural Context  
TCHL-UE 1030  4 points.

Human Behavior in the Social Environment I  
UNDSW-US 21  4 points.

Services to Children and Families  
UNDSW-US 53  4 points.
OVERVIEW

The Department of Cinema Studies at the Tisch School of the Arts holds a preeminent place among cinema studies programs in the world. Its approach to cinema focuses on the processes of understanding film and the moving image in multiple cultural and interdisciplinary contexts. The undergraduate program treats the study of cinema both as an art form and as a form of mass culture. The study of film, as an art, is concerned with the relationships among film style, narrative form, and the material practices that shape the medium. The study of film as mass culture explores how film reflects societal values and processes of social change. The department offers courses in the history, theory, aesthetics, and criticism of film, as well as film genres and techniques. Certain film courses given in the College of Arts and Science (CAS) may also be approved for the major or minor. Most of the Tisch courses include extensive film screenings and are supplemented by weekly academic departmental events open to all students. Students have access, with permission, to graduate level courses in the department, to Moving Image Archiving and Preservation (MIAP) courses, and to the Orphans Symposium. Students also have access to extensive film and film-related resources in the department’s George Amberg Study Center. The video collection in Bobst Library’s Avery Fisher Center for Music and Media provides additional resources. Finally, various New York City institutions make this an extraordinary environment for cinema studies.

FACULTY

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PROGRAM

Major

The major in cinema studies consists of ten 4-point courses (40 points), each completed with a C or better and divided into four areas of study:

• Tier I consists of a core curriculum of five courses taken in sequence.
• Tier II consists of elective small lecture courses in the areas of film auteurs, genres, historical movements, aesthetics, national cinemas, television studies, and special topics.
• Tier III consists of large survey courses in American and international cinema (each having a two-semester sequence: fall, origins to 1960; spring, 1960 to present).
• Tier IV consists of small theory and practice courses (open only to cinema studies majors) in script analysis/writing, film criticism, and forms of filmmaking.

Majors are required to complete five courses (20 points) in Tier I. These courses are typically taken in the following order:

• Expressive Culture: Film (CORE-UA 750) is the preferred gateway course for CAS students.
  Note: Introduction to Cinema Studies (CINE-UT 10) is restricted to officially declared majors/minors.
• Film History: Silent Cinema (CINE-UT 15) (offered in the spring)
• Film Theory (CINE-UT 16) (offered in the fall)
• Television: History and Culture (CINE-UT 21) (offered in the spring)
• One undergraduate advanced seminar (CINE-UT 7XX) (offered in the fall and spring)

In addition, majors must complete a three-course distribution requirement in film history: one course in U.S. cinema and two courses in non-U.S. cinema. The remaining two courses for the major are chosen from CINE-UT or (with faculty permission) CINE-GT offerings.

CINE-UT courses used to satisfy cinema studies major requirements do not count against the limit of 16 points taken outside of the College; in addition, they can be applied toward the 64 credits that internal and external transfer students are required to complete in CAS (-UA) courses.

Advisement

To declare the cinema studies major and/or be cleared for registration for the next semester, students must schedule an appointment with the departmental CAS liaison during the following periods: fall semester entrance/clearance, March 15 to April 15; spring semester entrance/clearance, October 15 to November 15. If a student does not meet with the department during these periods, he or she will be asked to declare during the next semester. Students must also have one year of residency at CAS prior to declaring the major; incoming freshmen and transfers are not eligible for immediate declaration upon entrance to the University.

Minor in Cinema Studies

A total of four 4-point courses (16 points) completed with a C or better is required for the minor. The first course must be either Expressive Culture: Film (CORE-UA 750), recommended for CAS students, or Introduction to Cinema Studies (CINE-UT 10); the latter is only open to officially declared minors. An additional 12 points must be taken in cinema studies courses (CINE-UT), or in courses from elsewhere in the University that are preapproved by the Department of Cinema Studies. Included in these 12 points must be one course on international cinema and one Tier II cinema studies course. CAS students may declare the minor on Albert.

CINE-UT courses used to satisfy cinema studies minor requirements do not count against the limit of 16 points taken outside of the College; in addition, they can be applied toward the 64 credits that internal and external transfer students are required to complete in CAS (-UA) courses.
Minor in Asian Film and Media

A total of four 4-point courses (16 points) completed with a C or better is required for the minor.

• The first course must be chosen from Expressive Culture: Film (CORE-UA 750), recommended for CAS students; Introduction to Cinema Studies (CINE-UT 10), open only to declared minors; Language of Film (FMTV-UT 4); Introduction to Media Studies (MCC-UE 1); or Film: History and Form (MCC-UE 1007).

• Students must also take one Asian Film and Media core course: either Asian Media and Popular Culture (CINE-UT 112) or Topics in Asian Film History and Historiography (CINE-UT 450). One of these core courses will be offered per year. Students may elect to take both core classes, but it is not required.

• An additional two courses must be taken from a list of approved electives, such as Indian Cinemas (CINE-UT 105), Asian-American Cinema (CINE-UT 315), The Martial Arts Film (CINE-UT 324), Cultures and Contexts: South Asia (CORE-UA 503, when the topic is media), East Asian Media and Popular Culture (MCC-UE 1023), and Cinema of the South Asian Diaspora (SCA-UA 313).

See the cinema studies department for an updated list of courses or for advising on the minor. CAS students may declare this minor on Albert.

COURSES

Tier I: Core Courses

Tier I courses are for cinema studies majors only and should be taken in the sequence indicated.

Introduction to Cinema Studies
CINE-UT 10  First semester of study.
Expressive Cultures: Film (CORE-UA 750) is an approved substitute. Offered every fall. 4 points.
Designed to introduce basic methods and concepts of cinema studies. The first goal is to help students develop a range of analytical skills in the study of film. By semester’s end, they are fluent in the basic vocabulary of film form, understand social questions raised by dominant modes of cinematic representation, and grasp the mechanics of structuring a written argument about a film’s meaning. The second goal is to familiarize students with major critical approaches in the field (narrative theory, feminism, cultural studies, and genre). Readings and screenings provide an introduction to critical issues associated with particular modes of film production/criticism (documentary, narrative, and the avant-garde).

Film History: Silent Cinema
CINE-UT 15  Second or fourth semester of study. Offered every spring. 4 points.
Examines how the history of cinema has been studied and written by taking the period of silent film as its case study. Explores the historical and cultural contexts that governed the emergence of film as art and mass culture. Investigates the different approaches to narrative filmmaking that developed internationally in the silent period. Screenings include early cinema, works of Hollywood drama and comedy, Russian film and Soviet montage cinema, Weimar cinema, and silent black cinema.

Film Theory
CINE-UT 16  Third semester of study. Offered every fall. 4 points.
Closely examines a variety of theoretical writings concerned with aesthetic, social, and psychological aspects of the medium. Students study the writing of classical theorists such as Eisenstein, Bazin, and Kracauer, as well as such contemporary thinkers as Metz, Mulvey, and Baudrillard. Questions addressed range from the nature of cinematic representation and its relationship to other forms of cultural expression to the way in which cinema shapes our conception of racial and gender identity.

Television: History and Culture
CINE-UT 21  Second or fourth semester of study. Offered every spring. 4 points.
Examines the background, context, and history of radio, television, video, and sound. Topics include politics and economics of media institutions, audiences and reception, cultural and broadcast policy, and aesthetic modes and movements.

Advanced Seminar
CINE-UT 7XX  Prerequisite: Film Theory (CINE-UT 16). Offered every fall and spring. 4 points.
Small enrollments allow for in-depth
study of a specific topic (varies by semester) and encourage students to produce original research.

Tier II

See the Department of Cinema Studies website or department for a current list and descriptions of Tier II courses. Topics change each semester.

Tier III

Tier III classes are two-semester sequences in two vital areas of historical film scholarship: American and international cinema. The fall semester covers the origins of both areas to 1960; the spring semester will evaluate 1960 to the present in both areas. These classes are open to all students across the University. Tier III classes are intended to give all students a well-rounded education in the history of American and world cinema.

American Cinema: Origins to 1960
CINE-UT 50 Offered in the fall. 4 points.

American Cinema: 1960 to Present
CINE-UT 51 Offered in the spring. 4 points.

International Cinema: Origins to 1960
CINE-UT 55 Offered in the fall. 4 points.

International Cinema: 1960 to Present
CINE-UT 56 Offered in the spring. 4 points.

See the Department of Cinema Studies website or department for current descriptions of Tier III courses.

Tier IV

Tier IV courses are small theory and practice courses in script analysis/writing, film criticism, and forms of filmmaking. They are open only to Cinema Studies B.A. students.

Script Analysis
CINE-UT 146 Dancyger. 4 points.
Plot and character development, dialogue, foreground, background, and story. Using feature films, we highlight these script elements rather than the integrated experience of the script, performance, directing, and editing elements of the film. Assignments include two script analyses.

Film Criticism
CINE-UT 600 4 points.
Demystifies the professional/intellectual possibilities of film criticism in the contemporary media landscape by presenting historical contexts. Explores the expansive possibilities of criticism with relation to global film culture, the role of the Internet and technology, distinctions between academic and popular criticism, and the impact of criticism on the film industry itself. Consideration of major figures including Bazin, Ebert, Haskell, Farber, Kael, Sarris, Sontag, Tyler, and others. Major critics will visit the course to provide additional context. Students write weekly reviews, pitch essay ideas, file on deadline, and complete a final research paper.

Independent Study and Internship

Students may take a maximum of 8 points of combined CINE-UT independent study and/or internship.

Independent Study
CINE-UT 900 through CINE-UT 905
Prerequisite: written permission of a faculty adviser. 1 to 4 points per term.

Internship
CINE-UT 950, 952 Prerequisite: Sophomore standing and 3.0 GPA. Must submit a learning contract in order to register. Graded pass/fail. 1 to 4 points per term, depending on time commitment.

Cross-listed Courses

The Department of Cinema Studies frequently cross-lists courses with other CAS departments, such as French literature, thought, and culture; Hellenic studies; and Italian studies.

Graduate Courses Open to Undergraduates

Certain 1000-level graduate courses in cinema studies are open to qualified and advanced cinema studies majors with permission. An undergraduate must have completed the first four core requirements (in Tier I) to be considered an advanced student.
OVERVIEW

The Department of Classics explores all aspects of the Greek and Roman worlds, including their languages and literatures, art and archaeology, history, philosophy, religion, politics, economics, and law. We also feature courses on comparative studies of the ancient world beyond the Mediterranean, and the modern reception and transformation of classical literature, art, and philosophy. This broad interdisciplinary approach to these cultures that have had a major role in shaping Western values and thought provides an excellent undergraduate education. Similar to other liberal arts majors in philosophy, history, or English, our graduates go on to careers in education, law, medicine, business, politics, and the media.

The department offers courses in both English translation and the original languages. Several majors and minors are available, some in conjunction with the Departments of Anthropology and Art History and with the Alexander S. Onassis Program in Hellenic Studies. Academic internships, an honors program, the opportunity to participate in an archaeological excavation in Cyprus, study away programs, and individualized study are also available.

Classroom instruction is supplemented by a variety of activities. In addition to film screenings, lectures, and field trips sponsored by a lively Classics Club, students have access to the superb collections of antiquities at the Metropolitan Museum of Art, the Brooklyn Museum, the American Numismatic Society, and the Pierpont Morgan Library, as well as to the department's own collection of antiquities. Finally, opportunities for travel and study abroad are available in Greece, Italy, and other Mediterranean sites.

FACULTY

Professors Emeriti
Dilts, Sifakis

Professors
Barchiesi, Connelly, Cribiore, Konstan, Levene, Malink, Mitsis, Peachin, Santirocco, Sider

Associate Professors
Becker, Kowalzig, Monson

Assistant Professors
Barbiero, Viidebaum

Professor in Classics in the Modern World
Meineck

PROGRAM

Major in Classics (Latin and Ancient Greek)

This major requires a total of ten 4-point courses (40 points). Students should note that courses in
modern Greek language do not count toward completion of this major. The courses to be counted toward the major must include both ancient Greek and Latin through the intermediate two level (CLASS-UA 10 and CLASS-UA 6, respectively, or the equivalent) and at least one advanced course in both ancient Greek and Latin or two advanced courses in either one of these languages.

**Major in Classical Civilization**

This major requires a total of ten 4-point courses (40 points). Students should note that courses in modern Greek language do not count toward completion of this major. The courses to be counted toward the major must include either ancient Greek or Latin through the intermediate two level (CLASS-UA 10 or CLASS-UA 6, respectively, or the equivalent). Students must complete at least two language courses in residence at NYU.

**Major in Classics and Art History (with Emphasis on Archaeology)**

This interdepartmental major requires two years of college-level ancient Greek or Latin or the equivalent, and six 4-point courses in classical archaeology or art history [Archaic and Classical Art: Greek and Etruscan (ARTH-UA 102), Hellenistic and Roman Art (ARTH-UA 103), plus four others selected from applicable courses, including those in Egyptian and Near Eastern art]. This is a flexible major designed to accommodate special interests and requirements. Advanced-level courses in practical archaeology may be taken for credit.

**Major in Classical Civilization and Hellenic Studies**

This joint major offers the possibility of two different tracks. Both tracks require a total of ten 4-point courses (40 points). For a list of courses in Hellenic studies, see the Alexander S. Onassis Program in Hellenic Studies in this Bulletin. Track A requires ancient Greek through the full intermediate level (typically four 4-point courses), two 4-point courses from the offerings in classical civilization (below), and four 4-point courses offered through the Alexander S. Onassis Program in Hellenic Studies. Track B requires modern Greek through the full intermediate level (typically four 4-point courses), two 4-point courses from the offerings of the Alexander S. Onassis Program in Hellenic Studies, and four 4-point courses from the offerings in classical civilization (below). (Note: A student on Track B who is already proficient through the first- or second-year level of modern Greek will take two or four courses in place of the first and/or second year of modern Greek, with the consent of the appropriate faculty.)

**Major in Anthropology and Classical Civilization**

This interdepartmental major may follow one of two tracks, each requiring five 4-point courses (20 points) from the Department of Anthropology and five 4-point courses (20 points) from the Department of Classics. The first track focuses on archaeology and the second track on cultural anthropology. Specific course programs should be devised in consultation with the directors of undergraduate studies in both departments. For more detail and specific requirements, see under anthropology in this Bulletin.

**Minor in Latin and Ancient Greek**

This minor requires five 4-point courses (20 points) to be selected from the offerings of the department. (Courses in elementary languages, modern Greek language, and Hellenic studies do not count toward completion of this minor.) As part of this minor, students must take either Latin or ancient Greek at least through the intermediate two level (CLASS-UA 6 or CLASS-UA 10,
respectively). At least two of the required courses in ancient Greek or Latin must be taken in residence at NYU.

**Minor in Classical Civilization**

This minor requires five 4-point courses (20 points) to be selected from the department’s offerings in Latin, ancient Greek, or classical civilization. (Courses in modern Greek language and Hellenic studies do not count toward completion of this minor.)

**Policies for All Majors and Minors**

No course with a grade below a C (2.0) can count toward any major or minor offered in this department. Courses taken Pass/Fail also do not count.

**Honors Program**

Students may receive a degree with honors in the classics or classical civilization majors. Honors recognition requires a 3.65 average overall, an average of 3.65 in all classics courses, completion of the fall Senior Honors Seminar (CLASS-UA 295), and completion of the spring Senior Honors Thesis (CLASS-UA 297) under the supervision of the student’s chosen thesis supervisor. For more information, please consult the department’s website.

**COURSES**

**Latin**

**Intensive Elementary Latin**
CLASS-UA 2  Open to students with no previous training in Latin and to others through assignment by placement test. Offered periodically, in the spring term only. 6 points. Completes the equivalent of a year’s elementary level in one semester.

**Elementary Latin I, II**
CLASS-UA 3, 4  Both terms must be completed to receive credit toward any departmental major or minor. Offered every year. 4 points per term. Introduction to the essentials of Latin, the language of Vergil, Caesar, and Seneca. Five hours of instruction weekly, with both oral and written drills and an emphasis on the ability to read Latin rather than merely translate it. The second semester (CLASS-UA 4) introduces the student to selected readings from standard Latin authors, including Catullus, Cicero, Ovid, and Pliny.

**Intermediate Latin I: Reading Prose**
CLASS-UA 5  Prerequisites: Elementary Latin I and II (CLASS-UA 3 and 4), or Intensive Elementary Latin (CLASS-UA 2), or equivalent. Offered every year. 4 points. Teaches second-year students to read Latin prose through comprehensive grammar review; emphasis on the proper techniques for reading (correct phrase division, the identification of clauses, and reading in order); and practicing reading at sight. Authors may include Caesar, Cicero, Cornelius Nepos, Livy, Petronius, or Pliny, at the instructor’s discretion.

**Intermediate Latin II: Vergil**
CLASS-UA 6  Prerequisite: Intermediate Latin I: Reading Prose (CLASS-UA 5) or equivalent. Offered every year. 4 points. Writings of the greatest Roman poet, focusing on his most celebrated poem, the Aeneid. Students learn to read Latin metrically to reflect the necessary sound for full appreciation of the writing. Readings in political and literary history illustrate the setting in the Augustan Age in which the Aeneid was written and enjoyed, the relationship of the poem to the other classical epics, and its influence on the poetry of later times.

**Ancient Greek**

**Elementary Ancient Greek I, II**
CLASS-UA 7, 8  Both terms must be completed to receive credit toward any departmental major or minor. Offered every year. 4 points per term. Introduction to the complex but highly beautiful language of ancient Greece—the language of Homer, Sophocles, Thucydides, and Plato. Students learn the essentials of ancient Greek vocabulary, morphology, and syntax. Five hours of instruction weekly, with both oral and
written drills and an emphasis on the ability to read Greek rather than merely translate it.

**Intermediate Ancient Greek I:** Plato
CLASS-UA 9  Prerequisite: Elementary Ancient Greek I and II (CLASS-UA 7 and 8) or equivalent. Offered every year. 4 points. Readings from Plato, especially the Apology. The purpose is to develop facility in reading Attic prose. Supplemented with discussions of Socrates and the Platonic dialogues.

**Intermediate Ancient Greek II:** Homer
CLASS-UA 10  Prerequisite: Intermediate Ancient Greek I: Plato (CLASS-UA 9) or equivalent. Offered every year. 4 points. Extensive readings in the Iliad or Odyssey. Proficiency in scansion is expected, as well as a good command of Homeric vocabulary. Relevant topics ranging from the Homeric question to problems of oral tradition through the archaeological evidence of Bronze Age Greece and Troy are discussed in class or developed by the student through oral or written reports.

**Advanced Latin and Advanced Ancient Greek**

Each term, the department offers one course in advanced Latin and one course in advanced ancient Greek. Courses are taught on a cycle; students may take up to six consecutive terms without repeating material.

**Advanced Latin: Epic**
CLASS-UA 871  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. Extensive readings in Vergil's Aeneid and the other epics of Rome, including Ovid's Metamorphoses, Lucan's Bellum Civile, and Lucretius's De Rerum Natura. Consideration is given to the growth and development of Roman epic, its Greek antecedents, and its relationship to the Romans' construction of their past. Study of the development of the Latin hexameter is also included.

**Advanced Latin: Cicero**
CLASS-UA 872  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. Extensive selections from Cicero's speeches, letters, oratorical works, and philosophical works. Cicero's place in the development of Latin literature is considered, as is the social and political world of the late Republic that he inhabited.

**Advanced Latin: Lyric and Elegy**
CLASS-UA 873  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. Provides extensive readings from the works of Rome's greatest lyric and elegiac poets, including Catullus, Horace, Tibullus, Propertius, and Ovid. The various lyric meters adapted by the Romans are considered, as is the development of the Latin love elegy.

**Advanced Latin: Comedy**
CLASS-UA 874  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. A selection of plays from Plautus and Terence. The development of Roman comedy, its relationship to Greek New Comedy, and its social and cultural place in Roman life are also discussed. Some facility in Plautine and Terentian meter is expected.

**Advanced Latin: Satire**
CLASS-UA 875  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. With extensive readings from Horace's, Juvenal's, and Persius's satires, traces the development of the satiric mode from its earliest beginnings in Rome to its flowering under the Empire. The relationship of satire to the social world of Rome, including its treatment of money, women, political figures, and social climbers, is also examined.

**Advanced Latin: Latin Historians**
CLASS-UA 876  Prerequisite: Intermediate Latin II: Vergil (CLASS-UA 6) or equivalent. Offered every three years. 4 points. Readings from the three masters of Roman historiography: Sallust, Livy, and Tacitus. Also considers the rise and development of history in Rome, its relationship to myth, and its narrative structure and manner.

**Advanced Individual Study in Latin**
CLASS-UA 891, 892, 893, 894  Prerequisite: permission of the department. Offered every year. 1-4 points per term.

**Advanced Greek: Archaic Poetry**
CLASS-UA 971  Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years. 4 points. Extensive readings from the lyric, elegiac, and iambic poets of Greece. Studies the use of the various lyric forms, the different meters employed by the archaic poets, and the social functions of archaic poetry.

**Advanced Greek: Greek Historians**
CLASS-UA 972  Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years. 4 points. Readings from the two fifth-century masters of Greek historiography, Herodotus and Thucydides. Examines the themes, narrative structure, and methodology of both writers, as well as giving some consideration to the rise of history writing in Greece and its relationship to myth and epic.
Advanced Greek: Drama
CLASS-UA 973 Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years.
4 points.
Readings of several plays of Aeschylus, Sophocles, and Euripides. Spoken and choral meter are studied, and the role of performance, dramaturgy, and the place of theatre in Athenian society is also examined.

Advanced Greek: Orators
CLASS-UA 974 Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years.
4 points.
Readings of several speeches from the major Attic orators (Lysias, Aeschines, and Demosthenes). Also examines the role of law in Athenian society, procedure in the Athenian courts, and rhetorical education and training.

Advanced Greek: Philosophy
CLASS-UA 975 Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years.
4 points.
Readings from Plato and Aristotle.

Advanced Greek: Hellenistic Poetry
CLASS-UA 976 Prerequisite: Intermediate Ancient Greek II: Homer (CLASS-UA 10) or equivalent. Offered every three years.
4 points.
Offers a selection of authors (including Callimachus, Theocritus, and Apollonius) and genres (pastoral, hymn, epigram, epic) from the Hellenistic era.

Advanced Individual Study in Ancient Greek
CLASS-UA 991, 992, 993, 994 Prerequisite: permission of the department. Offered every year. 2 or 4 points per term.

Literature in Translation
Greek Drama: Aeschylus, Sophocles, and Euripides
CLASS-UA 143 Identical to DRLIT-UA 210. Offered periodically. 4 points.
Of the ancient Greeks’ many gifts to Western culture, one of the most celebrated and influential is the art of drama. We cover, through the best available translations, the masterpieces of the three great Athenian dramatists. Analysis of the place of the plays in the history of tragedy and the continuing influence they have had on serious playwrights, including those of the 20th century.

The Comedies of Greece and Rome
CLASS-UA 144 Identical to DRLIT-UA 211. Offered periodically. 4 points.
Study of early comedy, its form, content, and social and historical background. Covers the Old Comedy of fifth-century B.C.E. Athens through later Attic New Comedy and Roman comedy. Authors include Aristophanes (all 11 plays, one of which may be staged); Euripides, whose tragedies revolutionized the form of both comedy and tragedy; Menander, whose plays have only recently been discovered; and Plautus and Terence, whose works profoundly influenced the development of comedy in Western Europe.

Greek and Roman Epic
CLASS-UA 146 Offered periodically. 4 points.
Detailed study of the epic from its earliest form, as used by Homer, to its use by the Roman authors. Concentrates on the Iliad and the Odyssey of Homer and on Vergil’s Aeneid, but may also cover the Argoonautica of the Alexandrian poet Apollonius of Rhodes and Ovid’s Metamorphoses, as well as the epics representative of Silver Latin by Lucan, Silius Italicus, and Valerius Flaccus.

The Novel in Antiquity
CLASS-UA 203 Identical to COLIT-UA 203. Offered periodically. 4 points.
Survey of Greek and Roman narrative fiction in antiquity, its origins and development as a literary genre, and its influence on the tradition of the novel in Western literature. Readings include Chariton’s Chaeremon and Callirhoe, Longus’s Daphnis and Chloe, Heliodorus’s Ethiopian Tale, Lucian’s True History, Petronius’s Satyricon, and Apuleius’s Golden Ass. Concludes with the Gesta Romanorum and the influence of this tradition on later prose, such as Elizabethan prose romance.

Greek and Roman Mythology
CLASS-UA 404 Formerly Classical Mythology. Identical to RELST-UA 404. Offered every year. 4 points.
 Discusses the myths and legends of Greek and Roman mythology and the gods, demigods, heroes, nymphs, monsters, and everyday mortals who played out their parts in this mythology. Begins with creation, as vividly described by Hesiod in the Theogony, and ends with the great Trojan War and the return of the Greek heroes, especially Odysseus. Roman myth is also treated, with emphasis on Aeneas and the foundation legends of Rome.

Greek and Roman History and Culture

Sexuality and Gender in Greece and Rome
CLASS-UA 210 Offered periodically. 4 points.
Deals with constructions of gender and experiences of sexuality in ancient Greece and Rome. Working with texts and representations from varied discourses such as medicine, law, literature, visual art, and philosophy, students explore the ways in which the ancient Greeks and Romans perceived their own bodies in such a way as to differentiate
gender and understand desire. Also discusses how eroticism and gender support and subvert political and social ideologies.

Everyday Life in Ancient Rome
CLASS-UA 212 Offered periodically.
4 points.
Study of daily life as it was lived by the Romans in the period of the late Republic and early Empire: how they worked, worshipped, dressed, fed, and entertained themselves. Looks at questions of family life and social status, at rich and poor, at slaves and free, and at the lives of men, women, and children. Also considers marriage and divorce, crime and punishment, and law and property. All of these issues are examined primarily through original texts such as ancient documents, legal sources, and literary texts in which such Roman authors as Horace, Martial, and Juvenal describe their own lives and those of their contemporaries.

Greek History from the Bronze Age to Alexander
CLASS-UA 242 Identical to HIST-UA 200. Offered every other year. 4 points.
Until a few decades ago, Greek history began with Homer and dealt narrowly with the Greek world. Thanks to archaeology, the social sciences, and other historical tools, the chronological and geographical horizons have been pushed back. The history of the Greeks now starts in the third millennium B.C.E. and is connected to the civilization that lay to the east, rooted in Egypt and Mesopotamia. We trace Greek history from the Greeks’ earliest appearance to the advent of Alexander.

The Greek World from Alexander to Augustus
CLASS-UA 243 Identical to HIST-UA 243. Offered every other year. 4 points.
Continuation of the history of ancient Greece from the age of Alexander the Great in the fourth century B.C.E. until Emperor Augustus consolidated the Roman hold over the eastern Mediterranean in the first century B.C.E. These three centuries saw the relationship between Rome and the Near East become most meaningful. This course examines Alexander’s conquests, the states established by his successors (Ptolemy of Egypt and Seleucids of Syria), and the increasing intervention of Rome.

History of the Roman Republic
CLASS-UA 267 Identical to HIST-UA 205. Offered every other year. 4 points.
In the sixth century B.C.E., Rome was an obscure village. By the end of the fourth century B.C.E., Rome was master of Italy, and within another 150 years, it dominated almost all of the Mediterranean world. Then followed a century of unrest involving some of the most famous events and men—Caesar, Pompey, and Cato—in Western history. We survey this vital period with a modern research interpretation.

History of the Roman Empire
CLASS-UA 278 Identical to HIST-UA 206. Offered every other year. 4 points.
In the spring of 44 B.C.E., Julius Caesar was murdered by a group of senators disgruntled with his monarchical ways. However, Caesar’s adoptive son and heir, Gaius Octavius, was quickly on the scene, and over the course of the next half-century managed to establish himself as Rome’s first emperor. About three centuries later, Constantine the Great would rise to imperial power and with him came a new state religion—Christianity. We examine the social and political history of the Roman Empire from the time of Augustus to that of Constantine and also closely observe the parallel growth of Christianity.

History of Ancient Law
CLASS-UA 292 Offered periodically. 4 points.
Examines the development of law and legal systems and the relationships of these to the societies that created them, starting with some ancient Near Eastern systems and working down to the Roman period. The main focus is on the fully developed system of Roman law.

Art and Archaeology

Ancient Art at Risk: Conservation, Ethics, and Cultural Property
CLASS-UA 100 Prerequisite: permission of the instructor. 4 points.
Examines the environmental, material, social, and political forces that put ancient art at risk, including exposure to natural elements, acid rain, pollution, dam building, tourism, urban development, armed conflict, looting, theft, and the illicit trade in antiquities. Considers issues of conservation, preservation, and ethics, as well as authenticity and forgery, dating and provenance, and the sourcing of ancient materials. Reviews a range of applied technologies used in the analysis of ancient objects, including radiocarbon dating. Tracks developments in global cultural property laws, international conventions, and the repatriation of cultural materials.

The Parthenon and Its Reception: From Antiquity to the Present
CLASS-UA 150 Identical to ARTH-UA 150. Prerequisite: permission of the instructor. 4 points.
Traces the history of the Parthenon and its reception through its transformations from the temple of Athena, to Christian church, to mosque, to ruin, to icon of Western art and culture. The landscape, topography, and topology of the Athenian Acropolis are examined with an eye toward understanding the interrelation of place, myth, cult, and
ritual. The architectural phases of the Parthenon, its program of sculptural decoration, its relationship to other monuments on the Acropolis, and the foundation myths that lie behind its meaning are scrutinized. Issues of reception, projection, and appropriation are considered, as well as interventions through conservation and reconstruction. Efforts to secure the repatriation of the Parthenon sculptures are reviewed within the broader context of global cultural heritage law and the opening of the New Acropolis Museum.

Introduction to Classical Archaeology: Constructions of the Greek and Roman Past
CLASS-UA 305 Offered periodically. 4 points.
An introduction to the archaeology of the Mediterranean world, examining the history and contexts of sites and monuments, as well as the methods, practices, and research models through which they have been excavated and studied. From Bronze Age palaces of the Aegean, to the Athenian Acropolis, to the cities of Alexander the Great, the Roman forum, Pompeii, and the Roman provinces, we consider the ways in which art, archaeology, architecture, everyday objects, landscape, urbanism, technology, and ritual teach us about ancient Greek and Roman societies. Special focus is placed on reception, the origins of archaeology in the Renaissance, 19th- to 20th-century humanistic and social scientific approaches, and postmodern social constructions of knowledge.

Ancient Art
CLASS-UA 310 Identical to ARTH-UA 3. No prerequisite. Offered periodically. 4 points.
Examines the arts of Egypt, Near East, Greece, and Rome within the contexts and diversities of their cultures. Special emphasis is placed on form, function, and style and on the significance of this material for later periods within the history of art. Major monuments and objects are studied within their full historiographical contexts, as well as within the frameworks of current archaeological and art historical theory and methods. Focus is placed on materiality, technique, authorship, patronage, and reception. Serves as a foundation for study of almost any branch of Western humanism.

Birth of Greek Art: From the Bronze Age to the Geometric Period
CLASS-UA 311 Identical to ARTH-UA 101. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
Surveys the art, archaeology, and culture of the Aegean Bronze Age and early Iron Age: from ancient Thera to the palace-based states of Minoan Crete and the Mycenaean Greek mainland, to developments within communities of the eighth century B.C.E. Architecture, wall painting, sculpture, ceramics, and narrative in early Greek art are among the topics examined, along with absolute and relative chronologies and the development of writing. Emphasis is placed on critical approaches to material culture within the contexts of religion, sociopolitical and economic organization, burial practices, trade networks, and interactions with neighboring cultures.

Archaic and Classical Art: Greek and Etruscan
CLASS-UA 312 Identical to ARTH-UA 102. Prerequisite: Foundations of Art History (ARTH-UA 10) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
Greek and Etruscan art and archaeology from the seventh century through the fourth century B.C.E., including the orientalizing and archaic styles, the emergence of the classical style, changes in art and life in the fourth century, and the impact of Macedonian court art before and during the time of Alexander the Great. Focuses on architecture, sculpture, and vase painting within their full social, religious, and political contexts, with careful attention to material, style, technique, function, iconography, authorship, and patronage. Special topics include the body, votive practice, cult statues, athletic statury, architectural decoration, portraiture, myth, narrative, landscape, and aesthetics. Includes study of the Metropolitan Museum of Art collections.

Roman Art
CLASS-UA 313 Identical to ARTH-UA 103. No prerequisite. Offered periodically. 4 points.
Traces developments in art from the formation of the city of Rome in the early first millennium BCE to the sixth century C.E., when religion, style and imperial territory fundamentally shifted the trajectory of art and cultural interaction thereafter. Includes archaic and classical style art in Rome, the area of Rome’s expansion into Italy and the Mediterranean; interaction with Hellenistic art and culture in the east; and the art of the Roman Empire. Study of the Metropolitan Museum of Art and Brooklyn Museum collections is essential.

Greek Painting: From Myth to Image
CLASS-UA 315 Prerequisite: Introduction to Classical Archaeology (CLASS-UA 305), or Archaeologies of Greece (CLASS-UA 352), or Introduction to Ancient Art (ARTH-UA 3, identical to CLASS-UA 301), or History of Western Art I (ARTH-UA 1), or permission of the instructor. 4 points.
From the house frescoes of Bronze Age Thera to the tomb paintings of Macedonia, from Minoan painted pottery to Athenian red-figured vases, Greek painting was a powerful aesthetic and
narrative force within Greek art and culture. Traces developments in monumental wall painting and the decoration of vases, with special emphasis on production, exchange, technique, style, authorship, narrative, context, function, and meanings. Issues of representation and signification are examined within the frameworks of a variety of critical approaches, including semiotics, structuralism, and formal analysis. Special emphasis on issues of reception from the Enlightenment to the present.

Archaeologies of Rome and the Empire
CLASS-UA 351 Offered periodically. 4 points.
Survey the archaeologies of Rome and the Italian Peninsula, including the cities of Etruria and the Greek settlements of South Italy and Sicily, as well as the Roman provinces, with special focus on Asia and North Africa. Public and private buildings and monuments, including temples, marketplaces, triumphal arches, colonnaded streets, theatres amphitheatres, baths, water supply systems, luxury villas, apartment blocks, and gardens, are examined. From urban centers to rural landscapes, we consider Roman taste and technologies, identity and traditions, within their full social, cultural, religious, and economic contexts. With a focus on sculpture, wall painting, mosaics, and decorative arts, developments in Roman visual culture are tracked through the late antique period.

Archaeologies of Greece
CLASS-UA 352 Offered periodically. 4 points.
This survey of Greek landscapes, sites, monuments, and images presents the art and archaeology of the Greek world from the Neolithic to the late antique period. Architecture, painting, sculpture, and decorative arts are studied within their full social, cultural, and religious contexts. From the palaces of the Aegean Bronze Age; to the Panhellenic sanctuaries at Olympia, Delphi, Nemea, and Isthmia; to the city of Athens and the monuments of the Athenian Acropolis; to the great Hellenistic cities of Asia Minor, special focus is placed on landscape, myth, memory, materials, and ritual in shaping the visual culture of ancient Greece. The formation of the city-state and its political, economic, and religious institutions are explored within their full urban settings. The development and history of classical archaeology as a discipline are reviewed, along with issues of reception, connoisseurship, critical theory, and methods.

Greek Architecture
CLASS-UA 353 Identical to ARTH-UA 104. Prerequisite: Foundations of Art History (ARTH-UA 10) or History of Architecture from Antiquity to the Present (ARTH-UA 601) or a score of 5 on the AP Art History exam. Offered periodically. 4 points.
History of Greek architecture from the archaic through the Hellenistic periods (eighth to first centuries B.C.E.). Provides a chronological survey of the Greek architectural tradition from its Iron Age origins, marked by the construction of the first all-stone temples, to its radical transformation in the late Hellenistic period, most distinctively embodied in the baroque palace architecture reflected in contemporary theatre stage-buildings. The lectures, accompanying images, and readings present the major monuments and building types, as well as such related subjects as city planning and urbanism, building methods, and traditions of architectural patronage.

Roman Architecture
CLASS-UA 354 Identical to ARTH-UA 105. No prerequisite. Offered periodically. 4 points.
History of Roman architecture from the Hellenistic to the early Christian periods (first century B.C.E. to sixth century C.E.). Provides a chronological survey of Roman architecture from its early development against the background of the Greek and Etruscan traditions to the dramatic melding of the divergent trends of late antiquity in the great Justinian churches of Constantinople and Ravenna. The lectures, accompanying images, and readings present the major monuments and building types, as well as such related subjects as city planning and urbanism, Roman engineering, and the interaction between Rome and the provinces.

Philosophy, Religion, and Intellectual History

Ancient Political Theory
CLASS-UA 206 Offered periodically. 4 points.
Examines the foundation, interpretation, and modern reception of Athenian democracy and Roman republicanism. Readings include Plato’s Republic, Thucydides’ History of the Peloponnesian War, Aristotle’s Politics, and Cicero’s Republic and Laws.

Introduction to the New Testament
CLASS-UA 293 Identical to RELST-UA 302 and HBRJD-UA 22. Offered periodically. 4 points.
Introduces students to issues and themes in the history of the Jesus movement and early Christianity through a survey of the main texts of the canonical New Testament, as well as other important early Christian documents. Students are given the opportunity to read most of the New Testament text in a lecture-hall setting where the professor provides historical context and focuses on significant issues, describes modern scholarly methodologies, and places the empirical material within the larger framework of
ancient history and the theoretical study of religion.

**Ancient Religion: From Paganism to Christianity**
CLASS-UA 409  Identical to RELST-UA 409. Offered periodically. 4 points.
The period from the beginnings of Greek religion until the spread of Christianity spans over 2,000 years and many approaches to religious and moral issues. We trace developments such as the Olympian gods of Homer and Hesiod; hero worship; public and private religion; views of death, the soul, and afterlife; Dionysus; Epicureanism; and Stoicism. Examines changes in Greek religion during the Roman republic and early empire and the success of Christians in converting pagans in spite of official persecution.

**Martyrdom, Ancient and Modern**
CLASS-UA 660  Identical to RELST-UA 660. Offered every other year. 4 points.
Examines the theory and practice of martyrdom in the West. Begins with a close study of the development of the martyrological discourse in classical, early Christian, early Jewish, and Muslim literature and culture. Also traces how the concept of martyrdom is deployed in modern culture in various phenomena, such as the “Columbine martyrs,” “martyrdom operations” (“suicide bombers”), political martyrdom, and modern notions of holy war.

**Greek Thinkers**
CLASS-UA 700  Identical to PHIL-UA 122. Offered periodically. 4 points.
The origins of nonmythical speculation among the Greeks and the main patterns of philosophical thought, from Thales and other early speculators about the physical nature of the world through Socrates, Plato, Aristotle, the Stoics, the Epicureans, and the Neoplatonists.

**Socrates and His Critics**
CLASS-UA 701  Offered every other year. 4 points.
Despite having written nothing himself, Socrates gave his name to a distinctive form of philosophical literature, the Socratic discourse, and an approach to philosophical inquiry and instruction, the so-called Socratic method. In antiquity, he inspired Plato, Xenophon, the Stoics, the Skeptics, and the Cynics and drew criticism from Aristophanes; in modernity, his life both fascinated and repelled Nietzsche. We search for the “historical Socrates” and also consider how philosophy, in its move from its origins to ethics and political philosophy, essentially created him.

**Virgins, Martyrs, Monks, and Saints: Early Christianity**
See description under religious studies.

**Engaging Early Christian Theology**
CLASS-UA 856  Identical to RELST-UA 840. Offered periodically. Becker. 4 points.
See description under religious studies.

**Special Courses**

**Special Topics in Classical Studies I, II, III**
CLASS-UA 291, 293, 294  Usually assigns readings in English translation. Offered periodically, 2 or 4 points per term.
Seminar topics vary from semester to semester, although the focus is always on a limited aspect of life, history, literature, art, or archaeology of Greco-Roman antiquity. Topics from past semesters include the Trojan War, archaeology and pottery, Alexander the Great, the Etruscans, and crime and violence in the ancient world. Future topics may include Plato and Aristotle, ancient medicine, the Age of Pericles, the Age of Augustus, and Latin love poetry.

**Senior Honors Seminar and Senior Honors Thesis**
CLASS-UA 295, 297  Prerequisite: permission of the department. 2 or 4 points per term.

**Internship**
CLASS-UA 980, 981  Prerequisite: permission of the department. Open only to juniors and seniors. Offered every year. 2 or 4 points per term.
Internships with institutions such as the Brooklyn Museum and the American Numismatic Society afford students the opportunity to work outside the University in areas related to the field of classics. Requirements for completion of such internships include periodic progress reports and a paper describing the entire project.

**Independent Study**
CLASS-UA 997, 998  Prerequisite: permission of the department. 2 or 4 points per term.

**Summer Study Away**

**Archaeological Fieldwork: Yeronisos Island Excavation Field School, Cyprus**
Summer Session I. 4 points.
This five-week field practicum is held on Yeronisos Island, Cyprus, a Ptolemaic sanctuary of Apollo that flourished during the final years of Cleopatra’s reign. Focuses on the aims, scope, and tools of field survey and archaeology; the practice of stratigraphic excavation; and ways of dealing with archaeological evidence. Field training includes surface survey and field walking; principles of stratigraphic excavation; keeping a field book; data entry and the Yeronisos Island Expedition Database; health and safety in the field and on the...
boat; closing the site for the season; and writing final field reports. Afternoon seminars cover pottery washing, conservation, and analysis; drawing stratigraphic sections; drawing pottery profiles, glass, and metal objects; object photography; the history of Cyprus from the Neolithic to Byzantine periods; cult and religion; Hellenistic pottery; and reading Greek inscriptions. Numerous field trips complement the excavation and classroom experiences.

Graduate Courses Open to Undergraduates

Courses in classics offered in the Graduate School of Arts and Science are open to all undergraduates who have reached the required advanced level of Greek or Latin language instruction.
DEPARTMENT OF
Comparative Literature

as.nyu.edu/complit
13-19 University Place
New York, NY 10003-4573
212-998-8790

Chair of the Department
Professor Apter

Director of Undergraduate Studies
Associate Professor Bianchi

OVERVIEW

The major in comparative literature is aimed at students with broad interdisciplinary interests, a desire to explore new fields and forms of experimental thinking, and diverse language back-
grounds (including mother tongue or second languages that are engaged in a comparative way). We offer many seminar-format courses with intensive faculty interaction and discussion. Our faculty specializations cover European, Anglo-American, African-American, African, Slavic, Latin American, Caribbean, Chinese, South Asian, and Middle Eastern literatures. Departmental courses immerse students in ancient, early modern, and modern global literatures, often with an emphasis on Continental philosophy and literary and critical theory more generally.

Students are given flexibility in the design of the major (which has two tracks, one in literature and one in literary and cultural studies) and can integrate into their course of study coursework in anthropology, philosophy, psychoanalysis, gender and race studies, history, political theory, religion, art, music, and film and media studies, among other fields. Qualified students are encouraged to take part in the department’s honors program, which culminates in the writing of a senior honors thesis under the supervision of a faculty member. A minor in comparative literature is available for students majoring in a different discipline or field. We also strongly encourage prospective double majors who may seek to combine this humanities major with another specialty.

The department’s rigorous teaching and rich curriculum have proved to be excellent preparation for our majors, many of whom have gone on for advanced study of literature at the graduate level or for professional education in law or medicine. Others have pursued successful careers in academia, human rights, translation, international relations, education, publishing, journalism, arts, media, film, performance, and other creative career options.

FACULTY

Professors Emeriti
Javitch, Reiss, Ross, Sieburth

University Professor;
Professor of Comparative Literature and Africana Studies
Diawara

University Professor; Professor of Comparative Literature and German
Ronell

Professors
Apter, Basterra, Lampolski, Moten, Sanders, X. Zhang

Associate Professors
Bianchi, Dopico, Gadberry, Garcia, Halim, Vatulescu

Assistant Professors
Paul

Visiting Professors
Foley, López Seoane

Associated Faculty
de Vries, Fiol-Matta, Gajarawala, Kay, Usher, Watson, Young

Affiliated Faculty
General Information

The guidelines of our program allow students great flexibility in shaping a course of study suited to their own intellectual goals. While all majors in comparative literature must take four courses originating in the Department of Comparative Literature, our commitment to a global and interdisciplinary outlook means that the remaining six courses required for the major can be taken in other departments or even, by taking advantage of NYU study away opportunities, on other continents. All students planning to major in comparative literature register with the director of undergraduate studies, who works closely with them to develop a coherent sequence of courses suited to their individual interests. Regular advising sessions with the director of undergraduate studies and a remarkably low student-faculty ratio help our students make the most of the wide range of possibilities that define the major. To take full advantage of the opportunities provided by comparative literature, students are encouraged to declare the major as early in their academic career as possible. In addition, please note that students planning to study away should consult and declare with the director of undergraduate studies well before their departure.

Major Track 1: Literature

This track of the comparative literature major requires ten 4-point courses (40 points) completed with a grade of C or better and organized as follows:
• Four courses (16 points) originating in the Department of Comparative Literature. These four courses must be taught by a full-time faculty member of the Department of Comparative Literature on the Washington Square campus; they cannot be cross-listed courses originating in another department. These four courses must include both of the following:
  ○ Introduction to Comparative Literature (COLIT-UA 116)
  ○ Junior Theory Seminar (COLIT-UA 200)
• Four courses (16 points) in a national literature department at the 100 level or above, conducted in the language of that literature.
• Two courses (8 points) in a related cultural field or discipline. Fields could include history, art history, religion, philosophy, classics, politics, cinema studies, and so on, and could also be another foreign language or literary area. If the national literature department selected for specialization is English, these two courses must be conducted in a foreign language. The choice of these courses will be made in consultation with the adviser to form a coherent intellectual field and a defined objective in the major.

Major Track 2: Literary and Cultural Studies

This track of the comparative literature major requires ten 4-point courses (40 points) completed with a grade of C or better and organized as follows:
• Four courses (16 points) originating in the Department of Comparative Literature. These four courses must be taught by a faculty member of the Department of Comparative Literature on the Washington Square campus; they cannot be cross-listed courses originating in another department. These four courses must include both of the following:
  ○ Introduction to Comparative Literature (COLIT-UA 116)
  ○ Junior Theory Seminar (COLIT-UA 200)
• Four courses (16 points) in a related cultural field or discipline. Fields could include history, art history, religion, philosophy, classics, politics, cinema studies, and so on. The choice of these courses will be made in consultation with the adviser to form a coherent intellectual field and a defined objective in the major.
• Two courses (8 points) in a foreign literature department conducted in the language of that literature, normally at the 100 level or above.

**Double Major**

As a promoter of interdisciplinary work, the department encourages double majors between comparative literature and other departments. The possibility of pursuing a double major should be discussed with the director of undergraduate studies.

**Minor**

The Department of Comparative Literature welcomes minors. Requirements for a minor in comparative literature consist of:

• Four courses originating in the department (i.e., not cross-listed courses originating in other departments), including Introduction to Comparative Literature (COLIT-UA 116), all completed with a grade of C or better.

• Reading knowledge of a foreign language.

**Honors Program**

To graduate with honors in the major in comparative literature, a student must maintain at least a 3.65 average in the ten courses required for the major, earn at least a 3.65 overall GPA in the College of Arts and Science, and write a senior honors thesis in his or her final year. At the end of the junior year, each honors student meets with the director of undergraduate studies for initial advisement and approval. Following this approval, a student may write the honors thesis by taking the Senior Seminar course (COLIT-UA 400) in the fall semester and then enrolling in a thesis writing independent study (COLIT-UA 997) in the spring semester. This independent study will generally be conducted under the supervision of a faculty member of the Department of Comparative Literature whose area of academic expertise coincides with the focus of the honors thesis. To be awarded honors, a student must complete this two-course sequence and produce a quality senior thesis. The Senior Seminar (COLIT-UA 400) is an 11th course for the major, in addition to the four courses originating in the Department of Comparative Literature and the other six courses for the major. The independent study may count as one of the ten courses required for the major, pending approval from the director of undergraduate studies.

**Internships**

The department offers its majors and minors elective credit for internships in publishing, at literary agencies, and at other professional offices. Please consult the internship section of our website and contact the director of undergraduate studies for more information.

**COURSES**

**Introduction to Comparative Literature**

COLIT-UA 116  Offered at least once a year. 4 points.

Required for all majors in comparative literature. Explores the theory of comparative literature from its inception as a discipline to the present. Readings vary by instructor.

**Studies in Prose Genres**

COLIT-UA 125  Offered every other year. 4 points.

Focuses on prose genres that have traditionally been relegated to a marginal position in the literary canon but whose status is now being reassessed: the travel account, autobiography, and fantastic fiction. Examines a different genre each time it is offered and provides students with the opportunity to
question what constitutes literature or a literary genre.

**Classical Literature and Philosophy**

COLIT-UA 160  Offered every other year. 4 points.

Study of the co-emergence of philosophy and various literary genres (epic, lyric poetry, dialogue, tragedy, comedy) in ancient Greece and Rome, as well as the development of literary and rhetorical theory. Close readings of primary texts, including those of Homer, the Presocratic philosophers, Plato, Aristotle, Sappho, Euripides, Aristophanes, Lucretius, Cicero, Horace, Longinus, and Quintilian, as well as various modern and contemporary commentators.

**Topics in 18th-Century Literature**

COLIT-UA 175  Offered every other year. 2 or 4 points.

Addresses topics (varying yearly) in 18th-century literature that are important for comparative study. Offers practical experience in close critical reading and introduces the generic, thematic, and literary historical approaches as methodological and theoretical problems in comparative literature.

**Topics in 19th-Century Literature**

COLIT-UA 180  Offered every other year. 2 or 4 points.

Addresses topics in 19th-century literature that are important for comparative study. Topics vary yearly and may include modernism, comparative postcolonial literature, and contemporary culture.

**Junior Theory Seminar**

COLIT-UA 200  Offered every semester. 4 points.

Examines the most influential 20th-century contributions to theories of cultural analysis. Readings are organized into a series of prominent debates: cultural studies, postmodernism, the male gaze, Third World literature, national liberation. Readings from Walter Benjamin, Roland Barthes, Frantz Fanon, Gail Rubin, Laura Mulvey, Fredric Jameson, Aijaz Ahmad, and Claude Levi-Strauss.

**Topics in Film and Literature**

COLIT-UA 300  Offered every other year. 4 points.

Uses the tools of cultural studies to investigate cultural intersections of the modern period. Focus on the street in literature and film includes questions of cultural space, race, identity politics, gender, and territoriality in the metropolis. Represents cultural studies, film studies, black studies, and women’s studies.

**Senior Seminar in Comparative Literature (Honors Thesis)**

COLIT-UA 400  Permission of the director of undergraduate studies required. Must be followed by Independent Study (COLIT-UA 997) to complete the honors thesis. Offered every year. 4 points.

The research and writing of the senior honors thesis for students with a 3.65 or better GPA, both overall and in the major. Examines several critical/theoretical approaches, as many (and more) as are necessary to meet the needs of each student. Student presentations of thesis proposals and the critical positions taken, followed by discussion and feedback.

**Readings in Contemporary Literary Theory**

COLIT-UA 843  Offered every year. 4 points.

Introduces students already familiar with the methods of practical criticism to the most important movements in contemporary literary theory. Readings are drawn from structuralism, post-structuralism, Marxism, psychoanalysis, feminism, and new historicism.

**Colonialism and the Rise of Modern African Literature**

COLIT-UA 850  Offered every other year. 4 points.

With the theme of colonialism as the unifying principle, explores and compares the work of a number of African writers of Anglophone, Francophone, and Lusophone traditions.

**Independent Study: Honors Thesis**

COLIT-UA 997  Must be approved by the director of undergraduate studies. 1 to 4 points.

For completion of the senior honors thesis by qualified majors.

**Independent Study: Internship**

COLIT-UA 998  Must be approved by the director of undergraduate studies. 1 to 4 points.

For special projects, including internships, contributing to the major.
OVERVIEW

Computing plays an increasingly important role in almost all fields. It is a very diverse discipline that comprises both theory and applications and incorporates the design and analysis of computing technology. The Department of Computer Science is part of the Courant Institute of Mathematical Sciences, a world-renowned center for the study of mathematics and computer science.

The department offers four major programs: the computer science major, the joint computer science/data science major, the joint computer science/mathematics major, and the joint economics/computer science major. The department also offers three minor programs: the computer science minor, the web programming and applications minor, and the joint computer science/mathematics minor. The goal of the majors is to train students in fundamental principles of computer science as well as many practical aspects of software development. Courses combine practical programming experience with techniques for analyzing problems and designing computer algorithms. The goal of the minors is to train students to be proficient users of computers and computer software with less emphasis on the underlying technology and mathematical tools.

Advanced undergraduate students can work on a variety of research projects with the faculty. Outstanding undergraduates may pursue a master’s degree through an accelerated five-year program.

FACULTY

Professors Emeriti
M. Davis, Engel, Grishman, Schonberg, Spencer, Widlund

Silver Professors; Professors of Computer Science
Berger, Cole, Cousot, Khot, LeCun, Overton, Shasha, Wright, Zorin

Professors
R. Bonneau, E. Davis, Dodis, Fergus, Gottlieb, Kedem, Kempe, Li, Mishra, Mohri, Perlin, Rappaport, Regev, Shoup, Subramanian, Walfish, Yap

Associate Professors
Bruna, Cho, Chopra, Geiger, Goldberg, Neill, Panozzo, Siegel, Wies

Assistant Professors
Ball, J. Bonneau, Ho, Lee, Panda, Panozzo, Peherstorfer, Pinto, Ranganathan, Ren, Sivaraman, Wilson

Clinical Professors
Kapp, Korth, Odeh, Zahran

Clinical Associate Professors
Bari, Bloomberg, Clayton, Franchetti, Klukowska, Meyers, Versoza, Zeidenberg

Clinical Assistant Professor
Aljabbouli, Kayar, Tang
Policy on Declaration of Major or Minor

Students must complete either CSCI-UA 101 or 102 (depending on placement) with a grade of C or better before they can declare the major or minor in computer science; the joint majors with economics and mathematics; and the joint minor with mathematics. To declare the joint major in computer and data science, students must first meet this prerequisite and also complete either DS-UA 111 or 112 (depending on placement) with a grade of C or better. To declare the minor in web programming and applications, students must first complete their choice of either (1) CSCI-UA 2 or 3 (depending on placement) or (2) CSCI-UA 4 with a grade of C or better. These policies apply to all NYU students, not just to those matriculated in CAS.

Major in Computer Science

The major requires twelve 4-point courses (48 points). Requirements include the following five courses (20 points) in the Department of Computer Science:

• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Operating Systems (CSCI-UA 202)
• Basic Algorithms (CSCI-UA 310)

The major also requires two courses (8 points) in mathematics:

• Discrete Mathematics (MATH-UA 120)
• Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)

Students must also take five elective courses (20 points) to complete the major, selected from courses numbered CSCI-UA 4XX (400 level electives).

Students may replace a 400-level elective with one of the following mathematics classes:

• Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212). Students must choose one calculus track or the other and cannot mix courses from the two tracks.
• Linear Algebra (MATH-UA 140)
• Probability and Statistics (MATH-UA 235)

A maximum of two MATH-UA classes can be substituted for 400 level electives.

A minimum of three CSCI-UAXX (400 level) electives must be completed with the CSCI-UA designation, totaling 12 credits.

Policies Applying to the Major

• A grade of C or better is necessary in all courses used to fulfill major requirements; courses graded Pass/Fail do not count toward the major.
• To enroll in Introduction to Computer Science (CSCI-UA 101) students must first fulfill the prerequisite Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3). Alternatively, they must first present a score of 3 on the AP Computer Science exam; students with a score of 4 or 5 may also register for CSCI-UA 101 (they are encouraged but not obliged to start with CSCI-UA 102), but they will forfeit the AP credit. Finally, students may take a placement test given by the department to enter CSCI-UA 101.
• Advanced Placement (AP) credit for Computer Science A is the equivalent of CSCI-UA 101 and counts toward the major. However, the AP exam in Computer Science Principles cannot count toward any major or minor in this department.
• Students who score a 4 or 5 on the AP Computer Science exam are encouraged to register for Data Structures (CSCI-UA 102) but are not obliged to; they may choose to take CSCI-UA 101 before CSCI-UA 102 (and forfeit the AP credit).
• Students will also lose AP credit if they take certain other courses in the department; this is noted in the relevant course descriptions.
• Students are required to take CSCI-UA 101 through CSCI-UA 201 in sequence.
• Note that Albert will automatically block: students who complete CSCI-UA 2 with a C or better from registering for CSCI-UA 3; students who complete CSCI-UA 467 with a C or better from registering for CSCI-UA 61; and students who complete CSCI-UA 479 with a C or better from registering for CSCI-UA 60.
• CAS students (in any major or minor) are not permitted to take computer science courses in the Tandon School of Engineering.
• Those interested in the honors program should start the major early enough to take major electives starting in the first semester of junior year.
• Those interested in spending a semester away should work out their schedule with an adviser as early as possible.

**Recommended Program of Study for the Major in Computer Science**

**First Year of Major:**
Fall term: CSCI-UA 101, MATH-UA 121 or 131 (formerly 211)
Spring term: CSCI-UA 102, MATH-UA 120

**Second Year of Major:**
Fall term: CSCI-UA 201, CSCI-UA 310
Spring term: CSCI-UA 202, one computer science elective (not requiring CSCI-UA 202 as a prerequisite)

**Third Year of Major:**
Fall term: Two computer science electives
Spring term: Two computer science electives

**Joint Major in Computer and Data Science**
The prerequisite for declaring this major is completion of (1) either CSCI-UA 101 or 102 (depending on placement) and also (2) either DS-UA 111 or 112 (depending on placement) with a C or better.
The joint major in computer and data science is designed for students who seek comprehensive training in two bodies of knowledge: (1) computer science, an established field that advances computing, programming, and building large-scale and intelligent systems; and (2) data science, an emerging field that leverages computer science, mathematics, and domain-specific knowledge to analyze large data collections using data mining, predictive statistics, visualization, and efficient data management. This major trains students to use data science systems, the automated systems that effectively predict outcomes of interest and that extract insights from increasingly large data sets. This training enables students to participate in harnessing the power of data and in influencing policies that will govern the rollout of data science technologies. In addition, students gain the ability to build such systems.

This is an interdisciplinary major (eighteen courses/72 points) offered by the Department of Computer Science and the Center for Data Science. A grade of C or better is necessary in all courses used to fulfill joint major requirements. Interested students should consult with the directors of undergraduate studies in the department and the center for additional information. Please note that the CAS minor requirement associated with the major in data science is waived for the
computer and data science joint major, just as it is waived for a data science major pursuing a double major.

The computer science requirements (eight courses/32 points) are as follows:

- Introduction to Computer Science (CSCI-UA 101)
- Data Structures (CSCI-UA 102)
- Computer Systems Organization (CSCI-UA 201)
- Basic Algorithms (CSCI-UA 310)
- Introduction to Machine Learning (CSCI-UA 473)
- Data Management and Analysis (CSCI-UA 479)
- Big data elective: choose one of the following:
  - Predictive Analytics (CSCI-UA 475)
  - Processing Big Data for Analytics Applications (CSCI-UA 476)
- Computer science elective: choose one of the following:
  - Operating Systems (CSCI-UA 202)
  - Predictive Analytics (CSCI-UA 475)
  - Processing Big Data for Analytics Applications (CSCI-UA 476)
  - Special Topics: Computer Networks (CSCI-UA 480)
  - Special Topics: Introduction to Numerical Optimization (CSCI-UA 480)
  - Special Topics: Introduction to Social Networking (CSCI-UA 480)
  - Special Topics: Natural Language Processing (CSCI-UA 480)
  - Special Topics: Parallel Computing (CSCI-UA 480)

The data science requirements (five courses/20 points) are as follows:

- Data Science for Everyone (DS-UA 111)
- Introduction to Data Science (DS-UA 112)
- Causal Inference (DS-UA 201)
- Responsible Data Science (DS-UA 202)
- Advanced Topics in Data Science (DS-UA 301)

The mathematics requirements (five courses/20 points) are as follows:

- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
- Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Probability and Statistics (MATH-UA 235)

### Joint Major in Computer Science and Mathematics

The prerequisite for declaring this major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. This is an interdisciplinary major (eighteen courses/72 points) offered by the Department of Computer Science with the Department of Mathematics. A grade of C or better is necessary in all courses used to fulfill joint major requirements. Interested students should consult with the director of undergraduate studies in both departments for additional information.

The mathematics requirements (ten courses/40 points) are as follows (students must choose one calculus track or the other and cannot mix courses from the two tracks):

- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
• Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)
• Algebra (MATH-UA 343) or Honors Algebra I (MATH-UA 348)
• The remaining three mathematics courses must include two of the following: Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238); Mathematical Statistics (MATH-UA 234), Combinatorics (MATH-UA 240), Theory Of Numbers (MATH-UA 248), Mathematical Modeling (MATH-UA 251), Numerical Analysis (MATH-UA 252), Linear and Nonlinear Optimization (MATH-UA 253), Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268), Partial Differential Equations (MATH-UA 263), Chaos And Dynamical Systems (MATH-UA 264), Functions of a Complex Variable (MATH-UA 282), Honors Analysis II (MATH-UA 329), Honors Algebra II (MATH-UA 349), Topology (MATH-UA 375), Differential Geometry (MATH-UA 377), Honors I (MATH-UA 393), Honors II (MATH-UA 394), Honors III (MATH-UA 397), or Honors IV (MATH-UA 398).
• Note: if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements.

The computer science requirements (eight courses/32 points) are as follows:
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Operating Systems (CSCI-UA 202)
• Basic Algorithms (CSCI-UA 310)
• Numerical Computing (CSCI-UA 421)
• Two computer science electives at the 400 level

Students who have taken Numerical Analysis (MATH-UA 252) as one of their math electives for this major must contact the director of undergraduate studies before registering for Numerical Computing (CSCI-UA 421).

**Joint Major in Economics and Computer Science**

The prerequisite for declaring this major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. This is an interdisciplinary major (twenty-two courses/88 points) offered by the Department of Computer Science with the Department of Economics. Only those students following the theory track in economics are eligible to pursue this joint major. The major has requirements in three departments, including mathematics. A grade of C or better is necessary in all courses used to fulfill joint major requirements. Interested students should consult with the director of undergraduate studies in both departments for additional information.

The economics requirements (nine courses/36 points) are as follows:
• Introduction to Macroeconomics (ECON-UA 1)
• Introduction to Microeconomics (ECON-UA 2)
• Microeconomics (ECON-UA 11)
• Macroeconomics (ECON-UA 13)
• Analytical Statistics (ECON-UA 20) or Mathematical Statistics (MATH-UA 234); students taking the MATH-UA 234 option must complete one additional ECON-UA elective (two total).
• Introduction to Econometrics (ECON-UA 266)
• Two ECON-UA theory electives at the 300 level
• One additional ECON-UA elective

The computer science requirements (nine courses/36 points) are as follows:
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Operating Systems (CSCI-UA 202)
• Basic Algorithms (CSCI-UA 310)
• Plus four computer science electives at the 400 level. One of these electives may be replaced by Linear Algebra (MATH-UA 140), or by Strategic Decision Theory (ECON-UA 310), Advanced Micro Theory (ECON-UA 365), or Topics in Economic Theory (ECON-UA 375).

The mathematics requirements (four courses/16 points) are as follows:
• Discrete Mathematics (MATH-UA 120)
• Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213)

**Minor in Computer Science**

The prerequisite for declaring this minor is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. The requirements are these four courses (16 points) with a grade of C or better:
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• One CSCI-UA 400-level elective, or Operating Systems (CSCI-UA 202), or Basic Algorithms (CSCI-UA 310; requires Discrete Mathematics, MATH-UA 120).

**Minor in Web Programming and Applications**

The prerequisite for declaring this minor is completion of either (1) CSCI-UA 2 or 3 (depending on placement) or (2) CSCI-UA 4 with a grade of C or better. The requirements are these four courses (16 points) with a grade of C or better:
• Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3)
• Introduction to Web Design and Computer Principles (CSCI-UA 4)
• Web Development and Programming (CSCI-UA 61)
• Any more advanced course in this department for which a student meets the prerequisites. For example: Topics of General Computing Interest (CSCI-UA 380), Programming Tools for the Data Scientist (CSCI-UA 381), or Introduction to Computer Science (CSCI-UA 101).

**Joint Minor in Computer Science and Mathematics**

The prerequisite for declaring this minor is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. The requirements are these four courses (16 points) with a grade of C or better:
• Calculus I and II (MATH-UA 121, 122), or Mathematics for Economics I and II (MATH-UA 131, 132; formerly MATH-UA 211, 212). Students must choose one calculus track or the other and cannot mix courses from the two tracks.
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)

A grade of C or better is required for courses to count toward the minor. Courses taken under the Pass/Fail option are not counted toward the minor.

Students who wish to double-count courses for the math portion of the minor and another requirement may count at most two such courses toward the minor. At least two of the courses in total and at least one of the math courses must be taken in residence at New York University.

Joint B.S./B.S. Program with the NYU Tandon School of Engineering

The department offers CAS students a dual five-year B.S./B.S. program with the NYU Tandon School of Engineering. Students in the program receive the B.S. degree in computer science from CAS and the B.S. degree in computer engineering or electrical engineering from NYU Tandon. For further information visit cas.nyu.edu/engineering or visit the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

Honors Program

A degree in computer science is awarded with honors to selected majors who successfully complete the requirements of the honors program. The requirements (fifteen courses/60 points) include the following computer science courses: CSCI-UA 101, CSCI-UA 102, CSCI-UA 201, CSCI-UA 202, CSCI-UA 310, CSCI-UA 421, and CSCI-UA 453; two semesters of Independent Research (CSCI-UA 520 and 521); two advanced computer science electives at the 400 level; and the following mathematics courses: MATH-UA 120, MATH-UA 121 or 131 (formerly MATH-UA 211), MATH-UA 122 or 132 (formerly MATH-UA 212) (students must choose one calculus track or the other to follow and cannot mix courses from the two tracks), and MATH-UA 140. Note that students who have taken Numerical Analysis (MATH-UA 252) must contact the director of undergraduate studies before registering for Numerical Computing (CSCI-UA 421).

Research work must culminate in a thesis (typically 40 to 60 pages in length) to be presented at the College’s Undergraduate Research Conference, held every April. An overall and major GPA of 3.65 is required.

Joint Honors Programs in Computer Science/Mathematics and Economics/Computer Science

The prerequisite for declaring either major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. Information on honors programs in the joint computer science/mathematics and economics/computer science majors can be found on the department’s website, as well as in the economics and mathematics sections of this Bulletin.

COURSES

Nonmajor Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CSCI-UA 2</td>
<td>Introduction to Computer Programming (No Prior Experience)</td>
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</table>

Prerequisite: three years of high school mathematics or equivalent. No prior computing experience is assumed.
Students with any programming experience should consult with the department before registering. Students with any reported score on the AP Computer Science examination cannot enroll in this course. Students who have taken or are taking Introduction to Computer Science (CSCI-UA 101) will not receive credit for this course. Does not count toward the computer science major; serves as the prerequisite for students with no previous programming experience who want to continue into CSCI-UA 101 and pursue the major. Students may not receive credit for both CSCI-UA 2 and CSCI-UA 3. Offered in the fall and spring. 4 points.

A gentle introduction to the fundamentals of computer programming, which is the foundation of computer science. Students design, write, and debug computer programs. No knowledge of programming is assumed.

Introduction to Computer Programming (Limited Prior Experience)
CSCI-UA 3 Prerequisite: limited programming experience, or Data Science for Everyone (DS-UA 111), or any score on the AP Computer Science examination (students with a score of 4 or 5 will forfeit the AP credit). Students who have taken or are taking Introduction to Computer Science (CSCI-UA 101) will not receive credit for this course. Does not count toward the computer science major; serves as the prerequisite for students with no previous programming experience who want to continue into CSCI-UA 101 and pursue the major. Students may not receive credit for both CSCI-UA 2 and CSCI-UA 3; students who have earned a C or higher in CSCI-UA 2 cannot enroll in this course and Albert will block them from registering for it. Offered in the fall and spring. 4 points.

Introduces object-oriented programming, recursion, and other important concepts to students who already have had some exposure to programming in the context of building applications using Python. Students will design and implement Python programs in a variety of applied areas.

Introduction to Web Design and Computer Principles
CSCI-UA 4 Prerequisite: three years of high school mathematics or equivalent. No prior computing experience is assumed. Students with computing experience should consult with the department before registering. Offered every semester. 4 points.

Introduces students to both the practice of web design and the basic principles of computer science. The practice component covers not only web design but also current graphics and software tools. The principles section includes an overview of hardware and software, the history of computers, and a discussion of the impact of computers and the Internet.

Database Design and Implementation
CSCI-UA 60 Prerequisite: Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3). Not open to students who have completed Data Management and Analysis (CSCI-UA 479) with a C or better; Albert blocks them from enrolling in this course. Offered in the fall and spring. 4 points.

Introduces principles and applications of database design and working with data. Students use Python as they prepare, analyze, and work with data and use SQL to study the principles and implementations of relational databases. Also covers other database paradigms, such as NoSQL. Students apply these principles to computer systems and their respective fields of interest.

Web Development and Programming
CSCI-UA 61 Prerequisites: Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3), and Introduction to Web Design and Computer Principles (CSCI-UA 4). Not open to students who have completed Applied Internet Technology (CSCI-UA 467) with a C or better; Albert blocks them from enrolling in this course. Offered in the fall and spring. 4 points.

Provides a practical approach to web technologies and programming. Students build interactive, secure, and powerful web programs. Covers client and server-side technologies for the web.

Topics of General Computing Interest
CSCI-UA 380 Topics determine prerequisites. 4 points.

Detailed descriptions available when topics are announced. Typical offerings include Computing in the Humanities and Arts and Introduction to Flash Programming. Does not count toward the computer science major.

Programming Tools for the Data Scientist
CSCI-UA 381 Prerequisites: Data Science for Everyone (DS-UA 111) or equivalent proficiency in Python, and either Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3). Does not count toward the major in computer science.

Lecture and laboratory. Offered in the fall and spring. 4 points.

Building applications in Python using a project-based learning approach. Students use Python packages in a variety of applied areas, such as textual analysis and data visualization.

Major Courses

Introduction to Computer Science
CSCI-UA 101 Prerequisite: Introduction to Computer Programming (No Prior Experience)
(CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3), or departmental permission assessed by placement exam, or a score of 3 on the AP Computer Science examination (scores of 4 and 5 are acceptable prerequisites for students who wish to take CSCI-UA 101 before entering CSCI-UA 102, but they will forfeit the AP credit). Offered in the fall and spring. 4 points.

How to design algorithms to solve problems and how to translate these algorithms into working computer programs. Experience is acquired through projects in a high-level programming language. Intended primarily for computer science majors but also suitable for students of other scientific disciplines. Programming assignments.

Data Structures
CSCI-UA 102 Prerequisite: Introduction to Computer Science (CSCI-UA 101), or a score of 4 or 5 on the AP Computer Science examination. Offered in the fall and spring. 4 points.

Use and design of data structures, which organize information in computer memory. Stacks, queues, linked lists, binary trees: how to implement them in a high-level language, how to analyze their effect on algorithm efficiency, and how to modify them. Programming assignments.

Computer Systems Organization
CSCI-UA 201 Prerequisite: Data Structures (CSCI-UA 102). Offered in the fall and spring. 4 points.

Covers the internal structure of computers, machine (assembly) language programming, and the use of pointers in high-level languages. Topics include the logical design of computers, computer architecture, the internal representation of data, instruction sets, and addressing logic, as well as pointers, structures, and other features of high-level languages that relate to assembly language.

Programming assignments are in both assembly language and other languages.

Operating Systems
CSCI-UA 202 Prerequisite: Computer Systems Organization (CSCI-UA 201). Offered in the fall and spring. 4 points.

Covers the principles and design of operating systems. Topics include process scheduling and synchronization, deadlocks, memory management (including virtual memory), input/output, and file systems. Programming assignments.

Basic Algorithms
CSCI-UA 310 Prerequisites: Data Structures (CSCI-UA 102); Discrete Mathematics (MATH-UA 120); and either Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211). Offered in the fall and spring. 4 points.

Introduction to the study of algorithms. Presents two main themes: designing appropriate data structures and analyzing the efficiency of the algorithms that use them. Algorithms studied include sorting, searching, graph algorithms, and maintaining dynamic data structures. Homework assignments, not necessarily involving programming.

Numerical Computing
CSCI-UA 421 Prerequisites: Computer Systems Organization (CSCI-UA 201), either Calculus I (MATH-UA 121) or both of Mathematics for Economics I and II (MATH-UA 131 and 132; formerly MATH-UA 211 and 212), and Linear Algebra (MATH-UA 140), or permission of instructor. Offered in the spring. 4 points.

The need for floating-point arithmetic, the IEEE floating-point standard, and the importance of numerical computing in a wide variety of scientific applications. Fundamental types of numerical algorithms: direct methods (e.g., for systems of linear equations), iterative methods (e.g., for a nonlinear equation), and discretization methods (e.g., for a differential equation). Numerical errors: can you trust your answers? Uses graphics and software packages such as Matlab. Programming assignments.

Theory of Computation
CSCI-UA 453 Prerequisite: Basic Algorithms (CSCI-UA 310). Offered in the fall. 4 points.

A mathematical approach to studying topics in computer science, such as regular languages and some of their representations (deterministic finite automata, nondeterministic finite automata, regular expressions) and proof of nonregularity. Context-free languages and pushdown automata; proofs that languages are not context-free. Elements of computability theory. Brief introduction to NP-completeness.

Applied Internet Technology
CSCI-UA 467 Prerequisite: C or better in Computer Systems Organization (CSCI-UA 201). Students who complete this course with a C or better are not eligible to take Web Development and Programming (CSCI-UA 61); Albert blocks them from enrolling in it. Offered every fall and spring. 4 points.

Covers every aspect of building a database-driven web application: server programming, database implementation, frontend markup, styling, and interactivity. Topics include database and data model design, web application architecture, separation of logic and presentation, handling user input and processing form data, managing asynchronous processes, strategies for creating real-time web applications, and handling client-side interactivity.

Object-Oriented Programming
CSCI-UA 470 Prerequisite: Computer Systems Organization (CSCI-UA 201). Offered in the fall. 4 points.

Introduces the important concepts of object-oriented design and languages,
including code reuse, data abstraction, inheritance, and dynamic overloading. Covers in depth those features of Java and C++ that support object-oriented programming and gives an overview of other object-oriented languages of interest. Significant programming assignments stressing object-oriented design.

**Artificial Intelligence**
CSCI-UA 472  Prerequisites: Computer Systems Organization (CSCI-UA 201) and Basic Algorithms (CSCI-UA 310). 4 points.
Many cognitive tasks that people can do easily and almost unconsciously have proven extremely difficult to program on a computer. Artificial intelligence tackles the problem of developing computer systems that can carry out these tasks. Focus is on three central areas in AI: representation and reasoning, machine learning, and natural language processing.

**Introduction to Machine Learning**
CSCI-UA 473  Prerequisites: Data Structures (CSCI-UA 102), Linear Algebra (MATH-UA 140), and Probability and Statistics (MATH-UA 235). 4 points.
This exciting and fast-evolving field of computer science has many recent consumer applications (e.g., Microsoft Kinect, Google Translate, iPhone’s Siri, digital camera face detection, Netflix recommendations, Google news) and applications within the sciences and medicine (e.g., predicting protein-protein interactions, species modeling, detecting tumors, personalized medicine). Students learn the theoretical foundations and how to apply machine learning to solve new problems.

**Software Engineering**
CSCI-UA 474  Prerequisite: Computer Systems Organization (CSCI-UA 201). 4 points.
Topics include advanced object-oriented design, design patterns, refactoring, code optimization, universal modeling language, threading, user interface design, enterprise application development, and development tools. All topics are integrated and applied during the semester-long group project.

**Predictive Analytics**
CSCI-UA 475  Prerequisites: Linear Algebra (MATH-UA 140), Computer Systems Organization (CSCI-UA 201), and Basic Algorithms (CSCI-UA 310). Offered every year. 4 points.
The art and science of extracting useful information from historical and present data to predict future trends. Introduces the phases of the analytics life cycle and a variety of tools and machine learning algorithms for analyzing data. Covers data preprocessing techniques, data reduction algorithms, data clustering algorithms, data classification algorithms, uplifting algorithms, association rules, data mining algorithms, recommender systems, and more.

**Processing Big Data for Analytics Applications**
CSCI-UA 476  Prerequisites: Computer Systems Organization (CSCI-UA 201) and Basic Algorithms (CSCI-UA 310). Familiarity with Linux commands and SQL is helpful but is not required. Offered every year. 4 points.
Introduces platforms, tools, and architectures that facilitate scalable management and processing of vast quantities of data. Explores open-source tools enabling the efficient acquisition, distributed storage, and processing of big data. Provides hands-on experience with distributed processing Apache solutions such as Hadoop MapReduce, HBase, Hive, Impala, Pig, core Spark, Spark SQL, and Spark Streaming. Other Apache big data tools covered are Sqoop, Oozie, Zookeeper, Flume, and Kafka.

**Introduction to Cryptography**
An introduction to the principles and practice of cryptography and its application to network security. Topics include symmetric-key encryption (block ciphers, modes of operations, AES), message authentication (pseudorandom functions, CBC-MAC), public-key encryption (RSA, ElGamal), digital signatures (RSA, Fiat-Shamir), and authentication applications (identification, zero-knowledge).

**Data Management and Analysis**
CSCI-UA 479  Prerequisite: Data Structures (CSCI-UA 102). Students who complete this course with a C or better are not eligible to take Database Design and Implementation (CSCI-UA 60). Offered in the fall and spring. 4 points.
Extracting, transforming, and analyzing data in myriad formats. Using traditional relational databases as well as non-relational databases to store, manipulate, and query data. Students write custom programs, create queries, and use data analysis tools and libraries on a wide array of data sets. Additional topics: data modeling, cloud databases, and API programming.

**Special Topics in Computer Science**
CSCI-UA 480  Topics determine prerequisites. May be repeated for major credit when different topics are covered. Offered in the fall and spring. 4 points.
Detailed course descriptions are available when advanced topics are announced each semester. Typical offerings include, but are not limited to, Bioinformatics, Building Robots, Computer Graphics, Machine Learning, Network Programming, Computer Vision, and Multimedia for Majors.
Research, Internship, and Independent Study

Undergraduate Research
CSCI-UA 520, 521 Prerequisite: permission of the department. 4 points per term.
The student is supervised by a faculty member actively engaged in research, possibly leading to results publishable in the computer science literature. A substantial commitment to this work is expected. The research project may be one or two semesters, to be determined in consultation with the faculty supervisor. Students taking this course for honors in computer science are required to write an honors thesis. All other students must submit a write-up of the research results at the conclusion of the project.

Internship in Computer Science
CSCI-UA 897, 898 Restricted to declared computer science majors. Internship credit does not count toward major requirements, but does apply toward completion of the CAS degree. CSCI-UA 897 is offered in the fall and CSCI-UA 898 in the spring. 1 to 4 points per term.
An internship in computer science is an excellent complement to formal course work. We strongly recommend that students have some practical training along with their classroom experience, so they can explore different career options and gain hands-on experience. An internship is for majors only, and students must have an overall GPA of 3.0 and a computer science GPA of 3.5.

Independent Study
CSCI-UA 997, 998 Prerequisite: permission of the department. Does not satisfy the major elective requirement. 1 to 4 points per term.
Students majoring in the department are permitted to work on an individual basis under the supervision of a full-time faculty member in the department if they have maintained an overall GPA of 3.0 and a GPA of 3.5 in computer science and have a study proposal that is approved by the director of undergraduate studies. Students are expected to spend about three to six hours a week on their project.

Graduate Courses Open to Undergraduates

A limited number of graduate courses are open to undergraduate students who have maintained a GPA of 3.5 or better in computer science, subject to permission of the director of undergraduate studies and the professor of the course. These may be substituted for undergraduate elective credit, or reserved for graduate credit if the student is pursuing the accelerated master’s program. Consult the department’s website for details.
PROGRAM IN
Creative Writing

as.nyu.edu/cwp
Lillian Vernon
Creative Writers House,
58 West 10th Street
New York, NY 10011-8702
212-998-8816

Director
Clinical Professor Landau

OVERVIEW
The New York University Program in Creative Writing, among the most distinguished programs in the country, is a leading national center for the study of writing and literature. The undergraduate and graduate programs provide students with an opportunity to develop their craft while working closely with some of the finest poets and novelists writing today. The creative writing program occupies a lovely townhouse on West 10th Street in the same Greenwich Village neighborhood where so many writers have lived and worked. The Lillian Vernon Creative Writers House allows writers—both established and emerging—to share their work in an inspiring setting.

The program’s distinguished faculty of award-winning poets and prose writers represents a wide array of contemporary aesthetics. Our instructors have been the recipients of Pulitzer Prizes, MacArthur Genius, Guggenheim, and NEA fellowships, National Book and National Book Critics Circle awards, Pushcart Prizes, the Whiting Writer’s Award, and more.

Undergraduates are encouraged to attend the program’s reading series, which brings both established and new writers to NYU. Writing prizes, special events, and our undergraduate literary journal, West 10th, further complement our course offerings and provide a sense of community for undergraduate writers. If you have questions about the minor in creative writing, please contact us at creative.writing@nyu.edu.

FACULTY

Erich Maria Remarque
Professor of Creative Writing
Olds

Lewis and Loretta Glucksman
Professor in American Letters
Eugenides

Professors
Hayes, Landau, Rankine, Smith

Clinical Professors
Barnett, Rohrer, Strauss

Clinical Associate Professors
Kitamura, Kunzru

Lillian Vernon Distinguished Writer-In-Residence
Foer

Distinguished Writers-In-Residence
Englander, Laird, Oates

Distinguished Poet-In-Residence
Vuong

Warren Adler Visiting Writer
TBD

Affiliated Faculty
Beam, Bertino, Bock, Dimitrov, Equi, Field, Fitterman, Foy, Gallagher, Hood, Laurino, Lipsky, Mengiste, Mesmer, Minot, Mirza, Murillo, Nutter, O’Rourke, Pan, Schulman, Taylor, Teicher, Thompson, Yas, Venegas, Zucker
**Minor**

The minor in creative writing offers undergraduates the opportunity to sharpen their skills while exploring the full range of literary genres, including poetry, fiction, and creative nonfiction. All students must complete 16 points of coursework in creative writing in order to fulfill the requirements of the minor.

The introductory workshop Creative Writing: Introduction to Prose and Poetry (CRWRI-UA 815, 4 points) or the study away course Creative Writing (CRWRI-UA 9815, 4 points) is generally the required foundational course, to be followed by 12 additional points from the program’s CRWRI-UA course offerings.

However, students who begin their minor by taking one of the program’s 8-point summer intensives—Writers in New York (CRWRI-UA 818, 819, or 835), Writers in Paris (CRWRI-UA 9818 or 9819), or Writers in Florence (CRWRI-UA 9828 or 9829)—are not required to take the introductory workshop (CRWRI-UA 815, CRWRI-UA 9815, or equivalent). Following completion of one of these 8-point intensives, students may take advanced coursework in the same genre as their summer intensive and/or move directly into an intermediate workshop in an alternative genre. Students may also repeat an 8-credit summer intensive to complete the 16-credit minor. Intermediate and advanced workshops may be taken three times for credit.

The creative writing minor must be completed with a minimum grade point average of 2.0 (C). No credit toward the minor is granted for grades of C- or lower, although such grades will be computed into the grade point average of the minor, as well as into the overall grade point average. No course to be counted toward the minor may be taken on a Pass/Fail basis.

To declare the minor: Students in the College of Arts and Science may declare a creative writing minor by completing the minor declaration form on the program’s website. Students in other NYU schools may declare their minors on Albert or as directed by their home schools. The program recommends that all creative writing minors contact the undergraduate programs manager in the semester prior to graduation to verify that their minor declaration is on record and that they have fulfilled (or have enrolled in) all of the appropriate courses for the minor.

**Policy on Course Substitutions**

Students may petition to apply a maximum of one outside course toward the minor, either as the introductory prerequisite (equivalent to CRWRI-UA 815 or 9815) or as an elective. An outside course is any NYU creative writing course without a CRWRI-UA rubric. To petition to substitute an outside course, students must complete the course substitution petition form (available on the program’s website) and provide the course syllabus (as described on the petition form). The undergraduate programs manager will review the submitted syllabus to verify course level and determine substitution eligibility. Students must petition for course substitution prior to registration.

If the program pre-approves a non-NYU course for substitution, it can only be counted toward the minor if 1. the Office of the Associate Dean for Students in CAS has also approved the course credit for transfer, and 2. the student receives a grade of C or better.

**Study Away**

Students wishing to begin the creative writing minor while studying away at an NYU site should register for Creative Writing (CRWRI-UA 9815) or, if studying away in the summer, for one of the 8-point intensives offered in Paris and Florence (CRWRI-UA 9818, 9819, 9828, or 9829). These courses are not considered outside courses and will automatically be counted toward the creative
writing minor. All other creative writing courses taken away require a petition for substitution and are subject to approval by the program.

**COURSES**

In addition to the on-campus creative writing courses offered throughout the year, special January term and summer programs offer students a chance to study intensively and generate new writing in Florence, New York, and Paris.

**Creative Writing: Introduction to Prose and Poetry**
CRWRI-UA 815 Formerly Creative Writing: Introduction to Fiction and Poetry. Identical to CRWRI-UA 9815. Not repeatable for credit. Workshop. Offered in fall, winter, spring, and summer. 4 points.

An exciting introduction to the basic elements of poetry and prose, with in-class writing, take-home reading and writing assignments, and substantive discussions of craft. Structured as a workshop: students receive feedback from their instructor and their fellow writers in a roundtable setting and should be prepared to offer their classmates responses to their work.

**Prerequisite for Poetry:** Creative Writing: Introduction to Prose and Poetry (CRWRI-UA 815), or Creative Writing (CRWRI-UA 9815), or Writers in New York: Fiction (CRWRI-UA 818), or Writers in New York: Poetry (CRWRI-UA 819), or Writers in New York: Creative Nonfiction (CRWRI-UA 835), or Writers in Paris: Fiction (CRWRI-UA 8981), or Writers in Paris: Poetry (CRWRI-UA 8981), or Writers in Paris: Creative Nonfiction (CRWRI-UA 8983), or Intensive Seminar in Fiction (CRWRI-UA 862; formerly Master Class in Fiction, CRWRI-UA 860), or equivalent. Workshop. Offered in fall, winter, spring, and summer. 4 points.

**Intermediate Workshops in Fiction, Poetry, and Creative Nonfiction**

**Creative Writing**/NYU College of Arts & Science / 2022-24

**Prerequisite for Fiction:** Creative Writing: Introduction to Prose and Poetry (CRWRI-UA 815), or Creative Writing (CRWRI-UA 9815), or Writers in New York: Fiction (CRWRI-UA 818), or Writers in New York: Poetry (CRWRI-UA 819), or Writers in New York: Creative Nonfiction (CRWRI-UA 835), or Writers in Paris: Fiction (CRWRI-UA 8981), or Writers in Paris: Poetry (CRWRI-UA 8981), or Writers in Paris: Creative Nonfiction (CRWRI-UA 8983), or Intensive Seminar in Fiction (CRWRI-UA 862; formerly Master Class in Fiction, CRWRI-UA 860), or equivalent. Workshop. Offered in fall and spring. 4 points.

**Prerequisite for Poetry:** Creative Writing: Introduction to Prose and Poetry (CRWRI-UA 815), or Creative Writing (CRWRI-UA 9815), or Writers in New York: Fiction (CRWRI-UA 818), or Writers in New York: Poetry (CRWRI-UA 819), or Writers in New York: Creative Nonfiction (CRWRI-UA 835), or Writers in Paris: Fiction (CRWRI-UA 8981), or Writers in Paris: Poetry (CRWRI-UA 8981), or Writers in Paris: Creative Nonfiction (CRWRI-UA 8983), or Intensive Seminar in Fiction (CRWRI-UA 862; formerly Master Class in Fiction, CRWRI-UA 860), or equivalent. Workshop. Offered in fall, winter, spring, and summer. 4 points.

**Advanced Workshops in Fiction, Poetry, and Creative Nonfiction**
CRWRI-UA 820 (Advanced Fiction Workshop), CRWRI-UA 830 (Advanced Poetry Workshop), CRWRI-UA 850 (Advanced Creative Nonfiction Workshop)

**Prerequisite for Fiction:** Intermediate Fiction Workshop (CRWRI-UA 816), or
Intensive Seminar in Creative Nonfiction

**Prerequisite for Fiction:** Creative Writing: Introduction to Prose and Poetry (CRWRI-UA 815), or Creative Writing (CRWRI-UA 9815), or Intermediate Fiction Workshop (CRWRI-UA 9816), or Writers in New York: Fiction (CRWRI-UA 9818), or Writers in New York: Poetry (CRWRI-UA 9819), or Writers in New York: Creative Nonfiction (CRWRI-UA 835) or Writers in Paris: Fiction (CRWRI-UA 9818), or Writers in Paris: Poetry (CRWRI-UA 9819), or Writers in Florence: Fiction (CRWRI-UA 9828), or Writers in Florence: Poetry (CRWRI-UA 9829), or Advanced Fiction Workshop (CRWRI-UA 820), or equivalent. Recommended prerequisite: Advanced Creative Nonfiction (CRWRI-UA 820). Application required. Workshop. Offered in fall and spring. 4 points.

**Prerequisite for Poetry:** Intermediate Poetry Workshop (CRWRI-UA 817), or Writers in New York: Poetry (CRWRI-UA 819), or Writers in Paris: Poetry (CRWRI-UA 9819), or Writers in Florence: Poetry (CRWRI-UA 9829), or Intensive Seminar in Poetry (CRWRI-UA 862; formerly Master Class in Poetry, CRWRI-UA 870), or equivalent. Workshop. Offered in fall and spring. 4 points.

**Prerequisite for Creative Nonfiction:** Intermediate Creative Nonfiction Workshop (CRWRI-UA 825), or Writers in New York: Creative Nonfiction (CRWRI-UA 835), or Intensive Seminar in Creative Nonfiction (CRWRI-UA 863; formerly Master Class in Creative Nonfiction, CRWRI-UA 880), or equivalent. Workshop. Offered in fall and spring. 4 points.

Provide students with the opportunity to hone their individual voices and experiment with different aesthetic strategies in genre-specific workshops taught by eminent writers in the field. Focus on revision techniques, the development of sustainable writing processes, and the broadening of students’ knowledge of classical and contemporary masters. Each workshop has a distinct emphasis and area of exploration; course descriptions are available online prior to registration. Each may be repeated three times for credit.

**Intensive Seminars in Fiction, Poetry, and Creative Nonfiction**

CRWRI-UA 861 Intensive Seminar in Fiction, CRWRI-UA 862 Intensive Seminar in Poetry, CRWRI-UA 863 Intensive Seminar in Creative Nonfiction

Creative Writing Internship

CRWRI-UA 980 Prerequisites: a declared minor in creative writing, two CRWRI-UA courses or the equivalent, and approval of the program. An internship may not be used to fulfill the minimum requirements of the minor. For full policies, registration procedures, and the application form, please visit the program’s website. Offered in fall, spring, and summer. 2 points.

Requires 8 to 12 hours of work per week. Must be with an external (non-NYU) organization related to creative writing (e.g., a literary agency, magazine, publisher, or outreach program) and should involve some substantive aspect of writerly work. Requires a final five- to seven-page report, and an evaluation is solicited from the intern’s supervisor. Grading is pass/fail. Students are responsible for finding the internship and receiving program approval before the end of the Albert add/drop period each term.

**Writers in New York: Fiction (CRWRI-UA 818) or Poetry (CRWRI-UA 819), or Writers in Paris: Fiction (CRWRI-UA 9818) or Poetry (CRWRI-UA 9819), or Writers in Florence: Fiction (CRWRI-UA 9828) or Poetry (CRWRI-UA 9829), or Intermediate Creative Nonfiction Workshop (CRWRI-UA 825), or Advanced Creative Nonfiction Workshop (CRWRI-UA 850), or equivalent. Recommended prerequisite: Advanced Creative Nonfiction (CRWRI-UA 850). Application required. Workshop. Offered in fall and spring. 4 points.**

Taught by acclaimed poets and prose writers to select NYU undergraduates. Application is required for admission. Each is limited to 12 students and provides intensive mentoring and guidance for serious and talented undergraduate writers. All details of courses and applications are shared on the program’s undergraduate listserv; students are added when enrolling in CRWRI-UA 815 Intro to Prose & Poetry, and can also contact creative.writing@nyu.edu.

Creative Writing / NYU College of Arts & Science / 2022-24
Offer poets and fiction writers an opportunity to experience the writer’s life in Paris. Students participate in daily workshops and craft classes, are mentored by accomplished professional writers, and attend readings and special seminars led by Paris-based writers and editors. Assignments encourage immersion in the city. Students work intensively to generate new writing and also attend a lively series of readings, lectures, literary walking tours, and special events. May be repeated once for credit.

Writers in Florence: Fiction or Poetry

CRWRI-UA 9828 (Writers in Florence: Fiction), CRWRI-UA 9829 (Writers in Florence: Poetry) Application required.

Workshop. Offered in the summer. 8 points per course.

A literary retreat in Florence for poets and fiction writers. Students participate in daily workshops and craft classes, are mentored by acclaimed writers, and attend readings and special seminars on all aspects of the writer’s life. Assignments are designed to encourage serious literary study, as well as immersion in the local landscape, and students are expected to work intensively to generate new writing. May be repeated once for credit.
OVERVIEW

Data science is the new language of the 21st century and is a cornerstone of a liberal arts education. Data science skills are also increasingly a requirement for graduates entering the workforce, government, or research. As more academic disciplines, industries, and media outlets rely on data-driven decision making, research, and evidence, being a sophisticated consumer of data, as well as being empowered to analyze and generate discoveries, is naturally becoming a prerequisite for being a global citizen, scientist, and leader.

The College of Arts and Science and the NYU Center for Data Science offer a major and minor in data science, as well as (with the Courant Institute of Mathematical Sciences) both (1) a joint major in data science and computer science and (2) a joint major in data science and mathematics. The major in data science develops students’ broad knowledge in emerging theories and methods of computational statistics in fields within the humanities, social sciences, and sciences. Students who complete the major are exposed to diverse ways of knowing, research and critical thinking skills, and communication and inference techniques, and are trained to become ethically responsible data scientists.

The minor in data science teaches foundational computational analysis concepts and how to use data science methods and tools to answer important questions. Students apply those concepts to a range of domain-specific issues that relate to their major course of study.

Students in both the major and the minor have opportunities for hands-on experience with real datasets.

While students do gain skills in programming due to the computational nature of the field, the major and minor are not centered on professional or vocational training. Instead, the development of skills in the data science curriculum unfolds within a broader context of scientific and theoretical frameworks for understanding and pursuing deeper objectives, novel knowledge generation, and robust discovery.

Students may contact cds-undergraduate@nyu.edu with questions about the major or minor.

FACULTY

Professors
Freire (Computer Science, Engineering)
Kempe (Computer Science, Engineering)
Kempe (Computer Science, Mathematics)

Associate Professors
Bruna (Computer Science)

Silva (Computer Science, Engineering)
Spirling (Politics)

Cho (Computer Science)
Fernandez-Granda (Mathematics)
Stoyanovich (Computer Science, Engineering)

Assistant Professors
Bowman (Linguistics)
He (Computer Science)
Lake (Psychology)
Linzen (Linguistics)
PROGRAM

Policy on Declaration of Major or Minor in Data Science

Students must complete either DS-UA 111 or 112 (depending on placement) with a grade of C or better before they can declare the major or minor in data science or the joint major in data science and mathematics. To declare the joint major in computer and data science, students must first meet this prerequisite and also complete either CSCI-UA 101 or 102 (depending on placement) with a grade of C or better. These policies apply to all NYU students, not just to those matriculated in CAS. For the data science major, minor, and joint data science and mathematics major, students may declare during the declaration periods in the fall and spring semesters and the summer sessions. During the fall semester, the declaration period is the month of October; during the spring semester, the declaration period is mid-February to mid-March; and in the summer, the declaration period is mid-June to mid-July. For the joint computer science and data science major, students may declare anytime throughout the academic year. Please write to cds-undergraduate@nyu.edu to request the declaration form during the proper timeframes.

For more information, please visit cds.nyu.edu/academics/undergraduate-program.

It is an official policy in CAS that students cannot enter their junior year undeclared. In order to comply with this policy, students must begin their data science course sequence no later than the spring semester of their sophomore year, which will allow them to declare the major or minor during the summer before their junior year. The Center for Data Science and CAS both advise that students begin their data science courses earlier, and, consistent with the usual practice in CAS, declare the major or minor in the spring of their sophomore year. While students may begin their data science courses later than this point, there is no guarantee they will finish their major requirements in time to graduate within four years.
Major in Data Science

The major requires thirteen 4-point courses (52 points) and the completion of any CAS minor. The minor requirement only applies to students pursuing data science as a single major (not applicable for students pursuing a joint or double major). The major requires:

The following five courses (20 points) sponsored by the NYU Center for Data Science:
• Data Science for Everyone (DS-UA 111, offered every semester)
• Introduction to Data Science (DS-UA 112, offered every semester)
• Causal Inference (DS-UA 201, offered every fall)
• Responsible Data Science (DS-UA 202, offered every spring)
• Advanced Topics in Data Science (DS-UA 301, offered every spring)

The following four courses (16 points) sponsored by NYU’s Department of Computer Science (Courant):
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Introduction to Machine Learning (CSCI-UA 473)
• Data Management and Analysis (CSCI-UA 479)

The following four courses (16 points) sponsored by NYU’s Department of Mathematics (Courant):
• Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
• Probability and Statistics (MATH-UA 235)

Completion of any CAS minor. CAS minors range from four to six courses. This minor requirement only applies to students pursuing data science as a single major. Please note that due to the substantial overlap with computer science, data science majors cannot minor in computer science.

For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

Policies Applying to the Major

• A grade of C or better is necessary in all courses used to fulfill major requirements; courses graded Pass/Fail do not count toward the major.
• Two courses may be double-counted between the data science major and another major. For permission to double-count more than two courses, students must first request approval from the Center for Data Science (cds-undergraduate@nyu.edu). If approved by the CDS, students must then petition CAS Academic Standards (726 Broadway, 7th floor; 212-998-8140).
• Advanced Placement credit (or other advanced standing credit by examination) in computer science and calculus is treated exactly as in the majors and minors in computer science and mathematics. Consult the AP and other tables in the admission section of this Bulletin for course equivalencies.
• Students must check the prerequisites for each course before enrolling. See the section on course offerings for all prerequisites.
• CAS students (in any major or minor) are not permitted to take computer science courses in the Tandon School of Engineering.
• Those interested in spending a semester away should work out their schedule with an adviser as early as possible.
Recommended Program of Study for the Major in Data Science

Year One, Fall Term:
• Data Science for Everyone (DS-UA 111)
• Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• If required, the prerequisite course Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3). Students who do not need the prerequisite may enroll in Introduction to Computer Science (CSCI-UA 101).

Year One, Spring Term:
• Introduction to Data Science (DS-UA 112)
• Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Introduction to Computer Science (CSCI-UA 101)

Year Two, Fall Term:
• Data Structures (CSCI-UA 102)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)

Year Two, Spring Term:
• Probability and Statistics (MATH-UA 235)
• Data Management and Analysis (CSCI-UA 479)

Year Three, Fall Term:
• Causal Inference (DS-UA 201)
• Introduction to Machine Learning (CSCI-UA 473)

Year Three, Spring Term:
• Responsible Data Science (DS-UA 202)
• Advanced Topics in Data Science (DS-UA 301)

Joint Major in Computer and Data Science

The prerequisite for declaring this major is completion of (1) either CSCI-UA 101 or 102 (depending on placement) and also (2) either DS-UA 111 or 112 (depending on placement) with a C or better. Offered by the Center for Data Science and the Courant Institute of Mathematical Sciences, this interdisciplinary major is designed for students who seek comprehensive training in two bodies of knowledge: (1) computer science, an established field that advances computing, programming, and building large-scale and intelligent systems, and (2) data science, an emerging field that leverages computer science, mathematics, and domain-specific knowledge to analyze large data collections using data mining, predictive statistics, visualization, and efficient data management. The joint major in computer and data science trains students to use data science systems, the automated systems that effectively predict outcomes of interest and that extract insights from increasingly large data sets. This training enables students to participate in harnessing the power of data and in influencing policies that will govern the rollout of data science technologies. In addition, students gain the ability to build such systems.

The joint major requires 18 courses (72 points) taken in three departments: computer science, data science, and mathematics. A grade of C or better is necessary in all courses used to fulfill joint major requirements. Interested students should consult with the directors of undergraduate studies in the departments and CDS for additional information. Please note that the CAS minor requirement associated with the major in data science is waived for the computer and data
science joint major, just as it is waived for a data science major pursuing a double major. For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

The computer science requirements (eight courses/32 points) are as follows:

• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Basic Algorithms (CSCI-UA 310)
• Introduction to Machine Learning (CSCI-UA 473)
• Data Management and Analysis (CSCI-UA 479)

• Big data elective: choose one of the following:
  ○ Predictive Analytics (CSCI-UA 475)
  ○ Processing Big Data for Analytics Applications (CSCI-UA 476)

• Computer science elective: choose one of the following:
  ○ Operating Systems (CSCI-UA 202)
  ○ Predictive Analytics (CSCI-UA 475)
  ○ Processing Big Data for Analytics Applications (CSCI-UA 476)
  ○ Special Topics: Computer Networks (CSCI-UA 480)
  ○ Special Topics: Introduction to Numerical Optimization (CSCI-UA 480)
  ○ Special Topics: Introduction to Social Networking (CSCI-UA 480)
  ○ Special Topics: Natural Language Processing (CSCI-UA 480)
  ○ Special Topics: Parallel Computing (CSCI-UA 480)

The data science requirements (five courses/20 points) are as follows:

• Data Science for Everyone (DS-UA 111, offered every semester)
• Introduction to Data Science (DS-UA 112, offered every semester)
• Causal Inference (DS-UA 201, offered every fall)
• Responsible Data Science (DS-UA 202, offered every spring)
• Advanced Topics in Data Science (DS-UA 301, offered every spring)

The mathematics requirements (five courses/20 points) are as follows:

• Discrete Mathematics (MATH-UA 120)
• Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
• Probability and Statistics (MATH-UA 235)

For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

**Joint Major in Data Science and Mathematics**

The prerequisite for declaring this major is completion of either DS-UA 111 or 112 (depending on placement) with a C or better. Offered by the Center for Data Science and the Courant Institute of Mathematical Sciences, this interdisciplinary major trains students to use data science methods and enables them to understand the mathematical theories that go into the analysis of large data sets. It will allow students to apply mathematical theories to real-world challenges that require data science and computational solutions.
The joint major requires 18 courses (72 points) taken in three departments: data science, computer science, and mathematics. A grade of C or higher is required in all courses used to fulfill joint major requirements (courses taken under the Pass/Fail option cannot be counted toward the major). For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

The data science requirements (five courses/20 points) are as follows:
- Data Science for Everyone (DS-UA 111, offered every semester)
- Introduction to Data Science (DS-UA 112, offered every semester)
- Causal Inference (DS-UA 201, offered every fall)
- Responsible Data Science (DS-UA 202, offered every spring)
- Advanced Topics in Data Science (DS-UA 301, offered every spring)

The mathematics requirements (nine courses/36 points) are as follows:
- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121)
- Calculus II (MATH-UA 122)
- Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238)
- Mathematical Statistics (MATH-UA 234)
- Numerical Analysis (MATH-UA 252)
- Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)

The computer science requirements (four courses/16 points) are as follows:
- Introduction to Computer Science (CSCI-UA 101)
- Data Structures (CSCI-UA 102)
- Introduction to Machine Learning (CSCI-UA 473)
- Data Management and Analysis (CSCI-UA 479)

For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

**Minor in Data Science**

The prerequisite for declaring this minor is completion of either DS-UA 111 or 112 (depending on placement) with a C or better. The minor requires five 4-point courses (20 points). All students in the minor will take these three courses offered by the Center for Data Science:
- Data Science for Everyone (DS-UA 111, offered every semester)
- Introduction to Data Science (DS-UA 112, offered every semester)
- Causal Inference (DS-UA 201, offered every fall)

Students will also take two courses offered by the Department of Computer Science (Courant), and should consult that departmental section in this Bulletin for prerequisites and descriptions. Choose one pathway:

**Students Entering the Minor with No Prior Programming Experience:**
- Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2)
- Either Database Design and Implementation (CSCI-UA 60) or Programming Tools for the Data Scientist (CSCI-UA 381)

**Students Entering the Minor with Limited Prior Programming Experience:**
- Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3)
• Either Database Design and Implementation (CSCI-UA 60) or Programming Tools for the Data Scientist (CSCI-UA 381)

Students Entering the Minor with Extensive Prior Programming Experience:
• Database Design and Implementation (CSCI-UA 60) or Data Management and Analysis (CSCI-UA 479)
• Programming Tools for the Data Scientist (CSCI-UA 381)

For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA, please consult the relevant departmental sections of this Bulletin.

Policies Applying to the Minor
• All students who wish to minor in data science must complete a minor registration form, and must consult a minor adviser prior to any registration. Non-CAS students should fill out the minor declaration form via Albert. Please consult the page detailing policies and procedures for cross-school minors: cas.nyu.edu/academic-programs/majors-and-minors/cross-school-minors.
• A grade of C or better is required in all courses used to fulfill minor requirements; courses graded Pass/Fail do not count toward the minor. This policy applies to all NYU students, not just to those matriculated in CAS.
• Students must check the prerequisites for each course before enrolling. See the section on course offerings for all prerequisites.
• Because of the substantial curricular overlap between computer science, data science, and mathematics, students who choose to minor in data science may double-count only one course between the computer science or mathematics major or minor and the data science minor. Students should consult the guidelines of their major or minor for any additional restrictions and policies.
• In accordance with the cross-school minor policy, CAS students may not minor in data science at NYU Shanghai. They may, however, take applicable Shanghai courses and count them toward the CAS data science major or minor. Shanghai courses do not count toward the 64-point UA residency requirement required of internal and external transfers to the College.

COURSES

Data Science for Everyone
DS-UA 111 Prerequisite: none. Lecture and laboratory. Offered every semester. 4 points.
Prepares students to participate in today’s data-driven world. Students engage with core principles of data analysis and programming and gain practical experience with real-world datasets from the humanities, social sciences, and natural sciences. Introduces ethical, legal, and privacy issues. Aims to transform students from passive consumers of conclusions about data that other people have made to informed, empowered, and critical readers and producers of data-driven insights. Open to students from any discipline with any level of experience in computer science and/or statistics, including no experience at all.

Introduction to Data Science
DS-UA 112 Prerequisite: Data Science for Everyone (DS-UA 111) or permission of the program. Lecture and laboratory. Offered every semester. 4 points.
Fundamental principles and techniques of the field. Students examine real-world examples and cases so as to place data science techniques in context, to develop data-analytic and inferential thinking, and to illustrate that the discipline is as much an art as it is a science. Students continue working with the Python programming language and its associated data analysis libraries. Examines ethical implications surrounding privacy and data sharing, as well as algorithmic decision making for data science solutions.
Causal Inference
DS-UA 201 Prerequisite: Introduction to Data Science (DS-UA 112) or permission of the program. Lecture and laboratory. Offered every fall. 4 points.
Provides students with the tools for understanding the relationship between cause and effect. Begins with design and implementation of the data-gathering process (the experiment) and then identifies preconditions required for A to cause B and discusses threats to the validity of less-than-perfect experiments. Other topics: quasi-experiments, regression discontinuities, and contemporary advanced approaches.

Responsible Data Science
DS-UA 202 Prerequisite: Introduction to Data Science (DS-UA 112). Lecture and laboratory. Offered every spring. 4 points.
The first wave of data science focused on accuracy and efficiency: on what we can do with data. The second wave is about responsibility: what we should and should not do. Addresses the issues of ethics and responsibility in data science, including legal compliance, data quality, algorithmic fairness and diversity, transparency of data and algorithms, privacy, and data protection. Emphasizes a holistic treatment of the data science lifecycle, beginning with data discovery and acquisition and progressing through data cleaning, integration, querying, analysis, and result interpretation.

Machine Learning for Language Understanding
DS-UA 203 Identical to LING-UA S2.
Prerequisites: at least one course with a substantial Python programming component, such as Introduction to Computer Programming (No Prior Experience) (CSCI-UA 2) or Introduction to Computer Programming (Limited Prior Experience) (CSCI-UA 3), or an advanced CSCI-UA or other programming course; Calculus I (MATH-UA 121) or higher, or equivalent; and completion of the probability and/or statistics requirement; or permission of the instructor. Offered every spring. 4 points.
Covers widely-used machine learning methods for language understanding— with a special focus on methods based on artificial neural networks— and culminates in a substantial final project in which students write an original research paper in AI or computational linguistics. Introduces the many approaches that researchers use to teach language to computers. Students gain skills to design and build computational models, to design experiments to test those models, and to read and evaluate results from the scientific literature.

Practical Training
DS-UA 204 Restricted to data science majors or minors, who must have earned both a 3.0 cumulative GPA and a 3.5 data science GPA and must have completed half of the data science program of study. Does not count toward any major or minor. May be repeated once (taken two times) for credit. Internship. Offered every summer. 2 or 4 points.
Provides data science students with an opportunity to apply the knowledge gained in their coursework to practical problems in industry. This course is for majors and minors only and is graded on a Pass/Fail basis.

Advanced Topics in Data Science
DS-UA 301 Prerequisites: Introduction to Data Science (DS-UA 112) and completion of the probability and/or statistics requirement, or permission of the program. May be repeated three times (taken four times) for credit as topics and content change; students are not permitted to register for more than two distinct lectures (and their attached laboratories) in one term. Lecture and laboratory. Offered every spring. 4 points.
Time series, deep learning, natural language processing, reinforcement learning, and other advanced machine learning topics (on a rotating basis). Provides the theoretical underpinnings of advanced data science techniques, as well as hands-on activities to build a practical toolkit.

Courses in Other Departments
For descriptions and scheduling of, and prerequisites for, courses outside of DS-UA (such as computer science and mathematics), please consult the relevant departmental sections of this Bulletin.
MAJOR/MINOR IN
Dramatic Literature

as.nyu.edu/english/
undergraduate/dramatic-
literature
244 Greene Street
New York, NY 10003-4573
212-998-8801

Chair of the Department of English
Professor McHenry

Adviser for Dramatic Literature
Clinical Associate Professor Woolf

OVERVIEW

The program in dramatic literature offers students the opportunity to specialize in the critical, theoretical, literary, and historical aspects of theatre studies. In addition to courses offered each semester by the program’s core faculty in the Department of English, students take classes on theatre, drama, and performance in departments and schools throughout NYU, including practice-based courses. Students engage with works and traditions of drama and theatre dating from ancient times to the present, and take advantage of New York’s incomparably rich theatre landscape. An honors program is available for qualified students.

FACULTY

Professor
Chaudhuri

Visiting Assistant Professor
Woolf

Affiliated Faculty
Amkpa (Tisch), Archer, Calderon (Tisch), Chioles, Guillory, Iampolski, Lane,
Meineck, Reiss, Taylor
(Steinhardt), Vorlicky (Tisch), Ziter (Tisch)

PROGRAM

Major

A minimum of ten 4-point courses (40 points) offered by the program, which must include:
• History of Drama and Theatre I (DRLIT-UA 110)
• History of Drama and Theatre II (DRLIT-UA 111)
• One course in dramatic literature before 1900

Of the remaining seven courses, no more than five may be drawn from the areas of cinema and practical theatre combined.

Minor

Any four 4-point courses (16 points) offered by the program. Only two of the four may be in the areas of cinema and practical theatre combined.

Policies Applying to the Major and Minor

Courses used to satisfy requirements for either the major or minor in dramatic literature may not
be used to satisfy the requirements for any other major or minor. Independent study courses and internships do not count toward the minimum requirements for the major or minor. Transfer students must complete at least half of the required courses for the major and minor programs at the College. Please note that C is the lowest grade that may be counted toward the major or minor. Two-credit courses are not counted toward the major.

**Information and Advisement**

Students should consult the program’s undergraduate website during pre-registration each term for a list of courses that satisfy the requirements outlined above and for more detailed descriptions of the particular courses offered in a given term. The director is available throughout the term, as well as during registration periods, to discuss students’ educational and professional goals in general and the dramatic literature program in particular.

**Honors Program**

The requirements for graduating with honors in the major in dramatic literature consist of:

- A 3.65 GPA, both overall and in the major.
- Completion of the two core courses History of Drama and Theatre I and II (DRLIT-UA 110, 111) by the time of application to the honors program.
- Enrollment for two consecutive terms in Seniors Honors Thesis (DRLIT-UA 925) and completion of a thesis (on a topic of the student’s choice) under the direction of a faculty member.
- Concurrently with DRLIT-UA 925: enrollment for two consecutive terms in the Senior Honors Colloquium for thesis writers (DRLIT-UA 926).

December graduates begin the concurrent DRLIT-UA 925 and 926 sequences in the spring term and complete them in the fall; May graduates begin the sequences in the fall and complete them in the spring. Applications and deadlines are available on the program’s undergraduate website and at the program offices.

Dramatic literature majors pursuing this honors track may also satisfy the Honors Colloquium requirement by taking, with permission from the director of dramatic literature and the instructor, the Honors Seminar in the undergraduate Department of Drama at Tisch School of the Arts.

**Student Publication**

*The Minetta Review*: Students are invited to submit creative work in all literary genres and apply for membership on the staff of this literary magazine.

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**COURSES**

Note: Majors and minors must register under the DRLIT-UA number for the courses listed below and not under cross-listed course numbers. Fulfillment of the College’s expository writing requirement is a prerequisite to all dramatic literature courses.

**Survey Course in Dramatic Literature**

**Introduction to Drama and Theatre**

DRLIT-UA 101  *For students not majoring in the program. Offered periodically. 4 points.*

What is theatre? Why do we do it? What does theatre contribute to our society? What role does it/can it play in the world? In other words: why is theatre important? Examines how performance both reflects and constitutes community and culture, and the numerous forms it takes around the world. Also considers the roles of the actor, director, playwright, and designer, and how they work together.
Core Sequence for Majors

**History of Drama and Theatre I, II**
DRLIT-UA 110, 111  
Restricted to dramatic literature majors; non-majors should take Introduction to Drama and Theatre (DRLIT-UA 101). 4 points per term.
Examines selected plays central to the development of world drama, with critical emphasis on a cultural, historical, and theatrical analysis of these works. The first semester covers the major periods of Greek and Roman drama; Indian, Japanese, and Chinese classical theatre; medieval drama; theatre of the English, Italian, and Spanish Renaissance; and French neoclassical drama. The second semester begins in the late seventeenth century and draws from 18th-century comedy and classical German theatre, nineteenth-century works from Germany, Russia, and the U.S., turn-of-the-century realisms, and divergent currents of modernism.

**Advanced Electives in Dramatic Literature**

**Acting Medieval Literature**
DRLIT-UA 35  Identical to MEDI-UA 868. 4 points.
Approaches medieval literature as works that were acted out, sung, and narrated from memory as part of a storytelling tradition. Strongly performance oriented: students draw on their dramatic and musical skills and interests to stage a medieval play, perform a substantial piece of narrative poetry, sing or play a body of medieval songs, or a similar endeavor.

**Modern Drama**
DRLIT-UA 113  Identical to THEA-UT 705. 4 points.
A study of the origins and development of the most influential dramatic movements of the 20th century. Specific topics vary by term and instructor.

**Theory of Drama**
DRLIT-UA 130  Identical to ENGL-UA 130. 4 points.
Explores traditions of philosophical and theoretical engagement with theatre and drama. What do theory and theatre have in common, and what can they learn from each other? How does theatre constitute a laboratory for aesthetic, conceptual, and political experimentation? How does theoretical philosophy depend on models of knowledge and action that derive from theatre? Specific topics vary by term and instructor.

**Gay and Lesbian Theatre**
DRLIT-UA 137  Identical to THEA-UT 624. 4 points.
Explores over 400 years of gay and lesbian characters and themes in Western theatre and performance. From Marlowe to Kushner, Broadway to the cutting edge of performance, examines gay and lesbian identities across time and performance genres against a background of cultural, social, sexual, and critical history.

**Comedies of Greece and Rome**
DRLIT-UA 211  Identical to CLASS-UA 144. 4 points.
Study of early comedy, its form, content, and social and historical background. Covers the Old Comedy of fifth-century Athens through the Attic New Comedy and Roman comedy. Authors include Aristophanes (11 comedies are studied, and one is staged); Euripides, whose tragedies revolutionized the form of both comedy and tragedy; Menander, whose plays were only recently discovered; and Plautus and Terence, whose works profoundly influenced comedy in Western Europe.

**Shakespeare**
DRLIT-UA 225  Identical to ENGL-UA 410. 4 points.
A survey of Shakespeare’s major plays and poems, with attention to their historical, cultural, and theatrical contexts.

**Restoration and 18th-Century English Drama**
DRLIT-UA 235  4 points.
Study of the drama written for the London stage from the restoration of the Stuart monarchy in 1660 to the Stage Licensing Act in 1737, including urban comedies and classical tragedies, closet dramas and box-office successes, propaganda pieces and broad satires. Playwrights include John Dryden, Margaret Cavendish, George Etherege, William Congreve, Susanna Centlivre, Thomas Shadwell, George Farquhar, John Gay, George Lillo, Henry Fielding, David Garrick, and Richard Brinsley Sheridan.

**Greek Drama: Aeschylus, Sophocles, Euripides**
DRLIT-UA 210  Identical to CLASS-UA 143. 4 points.
 Covers—in the best available translations—the masterpieces of Aeschylus, Sophocles, and Euripides, including the place of the plays in the history of the drama and the continuing influence they have had on serious playwrights, including those of the 20th century.

**Feminism and Theatre**
DRLIT-UA 240  Identical to THEA-UT 623. 4 points.
A study of plays by female playwrights and feminist theatre from the perspective of contemporary feminist theory. Considerations include strategies for
asserting new images of women on stage, the dramatic devices employed by female playwrights, lesbian aesthetic, race, class, and the rejection of realism. Possible plays and performance texts treated include those of Maria Irene Fornes, Caryl Churchill, Ntozake Shange, Adrienne Kennedy, Susan Glaspell, Aphra Behn, Holly Hughes, Karen Finley and Suzan-Lori Parks.

**Modern British Drama**
DRLIT-UA 245 *Identical to ENGL-UA 614. 4 points.*

Studies in the modern drama of England and Ireland, always focusing on a specific period, a specific group of playwrights, a specific dramatic movement of theatre, or a specific topic. Among playwrights studied in different semesters are Shaw, Synge, O’Casey, Behan, Osborne, Pinter, Stoppard, Bond, Friel, Storey, Hare, Edgar, Brenton, Gems, Churchill, and Daniels.

**Modern American Drama**
DRLIT-UA 250 *Identical to ENGL-UA 650, SCA-UA 842. 4 points.*

Study of the drama and theatre of America since 1900, including Eugene O’Neill, Susan Glaspell, the Group Theatre, Thornton Wilder, Tennessee Williams, Arthur Miller, Edward Albee, Sam Shepard, David Mamet, Maria Irene Fornes, and David Henry Hwang.

**Theatrical Genres**
DRLIT-UA 251 *Identical to THEA-UT 632. 4 points.*

Content varies by semester. Explores one or more distinctive theatrical genres, such as tragedy, comedy, melodrama, satire, or farce, or plays of distinctive theatrical types, such as theatre of the absurd, the documentary play, or theatre of witness. Considers the role and function of the theatre within societies as a response to historical, psychological, and spiritual forces.

**Major Playwrights**
DRLIT-UA 254 *Identical to ENGL-UA 652, THEA-UT 618. 4 points.*

Content varies by semester. Focuses on two or three related playwrights: for example, Brecht and Shaw, Chekhov and Williams, Churchill and Bond, Beckett and Pinter, Strindberg and O’Neill. In-depth study of their writings, their theories, and the production histories of their plays in relation to biographical, cultural, political, and aesthetic contexts.

**African American Drama**
DRLIT-UA 255 *Identical to ENGL-UA 255, THEA-UT 605. 4 points.*

A careful examination of the evolving trends in black performance since World War II. Focuses on self-identified black playwrights who take ownership over U.S. history and also U.S. theatrical history, challenging expected notions of both. How their works reflect the social changes (civil rights, the cold war) and aesthetic changes (absurdist, postmodernist, postcolonial, hip hop) of the time period.

**Political Theatre**
DRLIT-UA 258 *Identical to THEA-UT 622. 4 points.*

Socially engaged theatre exemplifying performance as a site of resistance, social critique, and utopianism. Content may vary by semester, from an examination of activist forms including agit-prop, pageantry, epic theatre, documentary, street theatre, and women’s performance art, to major theoretical perspectives and their practical translations since Brecht, including Boal and feminist and queer theory, to plays and productions by Clifford Odets, Bertolt Brecht, the Living Theatre, Bread and Puppet, Tony Kushner, Emily Mann, and others.

**Seventeenth-Century English Theatre**
DRLIT-UA 290 *4 points.*

Plays written by Shakespeare’s collaborators, rivals, and followers. We meet world-conquering heroes, murderous conspirators, riotous good-fellows, and star-crossed lovers while examining the fast-changing culture of Jacobean and Carolinian England, with its new patterns of urban life, emergent notions of republican politics and personal liberty, the discovery of new worlds and new sciences, and the increasing pressures of European war, revolution, and civil war. Authors include Francis Beaumont, Richard Brome, Thomas Dekker, John Fletcher, Ben Jonson, Christopher Marlowe, Philip Massinger, Thomas Middleton, John Milton, James Shirley, and John Webster.

**Theatre of Latin America**
DRLIT-UA 293 *Identical to THEA-UT 748. 4 points.*

Introduces theatre and performance practices throughout the Americas (U.S. Latin community, Mexico, Central America, South America, and the Hispanophone Caribbean). Considers how drama reflects the different histories and cultures of Latin America. Broader topics and contexts include politics, history, dictatorship and revolution, imperialism and colonialism, identity (gender, sexual, national, and racial/ethnic, among others), borders, mestizaje, and indigenous performances.

**Theatre in Asia**
DRLIT-UA 294 *Identical to THEA-UT 744. 4 points.*

Examines the extraordinary range of performance theories, practices, dramaturgical structures, and modes of spectatorship embodied in modern Asian performance. Primary focus on post-1945 performance and the questions it raises about tradition, modernity/alternative modernities,
national identity, gender, sexuality, postcolonialism, interculturalism, transculturation, and globalization. Ranges broadly over India, Japan, China, Taiwan, Korea, and Southeast Asia, and considers new and experimental work as well as contemporary adaptations of classics and classical theatrical genres.

The Avant-Garde
DRLIT-UA 295 Identical to THEA-UT 731. 4 points.
Nonliterary/multimedia theatre, performance, and dance theatre. Considers theatrical forms influenced by the theories of Artaud and the European avant-garde, as well as John Cage and visual aesthetics related to American acting, painting, collage, and environmental and conceptual art. Study of dadaist, surrealist, and futurist plays; multimedia happenings of Karpov, Oldenberg, and Whitman; conceptual self-works and solos of Vito Acco-nci, Karen Finley, Spalding Gray, and Diamanda Galas; and the work of avant-gardists such as Richard Fore-man, Robert Wilson, Meredith Monk, Ping Chong, Mabou Mines, LeCompte’s Wooster Group, and Pina Bausch.

History of American Musical Theatre
DRLIT-UA 296 Identical to OART-UT 1922. 4 points.
Through audio and video recordings, slides, demonstrations, and visits to live performances, traces the musical’s relation to 19th century popular entertainments such as minstrelsy, vaudeville, and burlesque, as well as its relation to popular song and dance forms throughout the 20th century to the present day.

Drama in Performance in New York
DRLIT-UA 300 Identical to ENGL-UA 132. 4 points.
Examines the dynamic relationships between theatre, performance, and the city of New York. Considers how the city itself is constituted through different kinds of performances (even our own), and how performance serves as a mode of understanding urban processes.

Contemporary European Theatre
DRLIT-UA 609 4 points.
Introduces a range of dramatic writing and performance practices throughout Europe from the 1960s to the present with a strong emphasis on contemporary theatre and performance. Studies a variety of artistic movements (postdramatic theatre, theatre of the real, digital performance, physical theatre, Tanztheatre, and Regietheatre) alongside popular thematic concerns (war, the everyday, domestic life, race, immigration, capitalism, and violence).

Iran Arts Activism
DRLIT-UA 303 Identical to OART-UT 1500. 4 points.
Utilizes social media as an online platform for contact and exchange with artists and curators of Iran’s blossoming grassroots media art movement. Considers a wide range of aesthetic expressions: classical and modern poetry; 1950s USIA educational titles; Farsi comedy/melodrama; New Wave experimental, documentary, and fiction films; 1960s and 70s television, pop music, and modernist paintings; revolutionary propaganda murals and posters; bank notes; poetic Iran/Iraq war documentaries; 1980s and 90s child/art films; and post-90s classical and pop music.

Interartistic Genres
DRLIT-UA 508 Identical to THEA-UT 634. 4 points.
Content varies by semester. Explores the history and semiotics of one of several hybrid genres, such as opera, dance, drama, film adaptations of plays, or multimedia works.
Directing
DRLIT-UA 643, 644 Identical to MPAET-UE 1081, 1082. Prerequisites: satisfactory work in an acting course, and permission of the adviser. DRLIT-UA 643 is a prerequisite for DRLIT-UA 644. 4 points per term.
Elements of play scripts are analyzed and dramatized. Students may cast and rehearse brief scenes performed on Friday afternoons.

Design for the Stage
DRLIT-UA 645 Identical to MPAET-UE 1017. 4 points.
Design for today’s stage in period and modern styles. Methods of originating and presenting a design conception. Practice in scene sketching.

Styles of Acting and Directing
DRLIT-UA 646, 647 Identical to MPAET-UE 1099, 1100. 4 points per term.
Scenes from period plays (Greek, Roman, Elizabethan, neoclassical French, Restoration, and 18th- and 19th-century European) are studied and performed with attention to performance styles and techniques.

Fundamentals of Acting I
DRLIT-UA 649 Identical to THEA-UT 850. 4 points.
An introduction to the central tools and skills that make up the actor's art and craft. Through theatre games, structured improvisation, and beginning scene work, students will exercise their imaginations, learn how to work as an ensemble, and develop a sense of their bodies as expressive instruments. All techniques covered have been developed by the most celebrated 20th century theorists, such as Stanislavski, Grotowski, and Bogart, and are the same theories that underlie the training of the Tisch undergraduate acting conservatory. No prior experience necessary.

Workshop in Playwriting
DRLIT-UA 840 Formerly Playwriting: Advanced Workshop. May be repeated once for credit as content changes. 4 points.
Identifies and then responds to the specific opportunities and challenges of writing for live performance. We analyze the very different ways other playwrights have done this, and locate specific strategies to adapt to our own ends. Preparation for each week includes reading assignments and written exercises, as well as progressive work towards a final project, the one-act play.

Advanced Workshop in Playwriting
DRLIT-UA 841 Formerly Workshop in Playwriting II. Prerequisite: Workshop in Playwriting (DRLIT-UA 840). 4 points.
This course is a revision workshop and serves as a continuation of the work done in Workshop in Playwriting (DRLIT-UA 840).

Electives in Cinema
Topics in World Cinema
DRLIT-UA 303 4 points.
Content varies by semester. Topics include Japanese, Chinese, and various East Asian cultures and their interactions with Western culture through the medium of cinema.

Film as Literature
DRLIT-UA 501 Identical to ENGL-UA 170. 4 points.
Content varies by semester, but will focus on the development of the film as a major art form and its relationship to other art forms. Particular attention will be paid to the language of cinema, the director and screenwriter as authors, and the problems of translating literature into film, with extensive discussion of the potentials and limitations of each art form. Milestone films are viewed and analyzed.

Italian Films, Italian Histories I
DRLIT-UA 503 Identical to ITAL-UA 174. 4 points.
Studies representations of Italian history, from ancient Rome through the Risorgimento, through the medium of film. Examines the use of filmic history as a means of forging national identity.

Italian Films, Italian Histories II
DRLIT-UA 506 Identical to ITAL-UA 175. 4 points.
Studies the relationship between Italian literature and post-World War II cinema. Among the authors and directors examined are Lampedusa, Bassani, Sciascia, Visconti, De Sica, and Rosi.

Italian Cinema and Literature
DRLIT-UA 505 Identical to ITAL-UA 282. 4 points.
Studies the relationship between Italian literature and post-World War II cinema. Among the authors and directors examined are Lampedusa, Bassani, Sciascia, Visconti, De Sica, and Rosi.
for credit up to a maximum of 4 points.
2 or 4 points per term.
Two terms required of all honors students. Weekly conferences with the faculty thesis director. Students must also concurrently enroll in the yearlong Senior Honors Colloquium (DRLIT-UA 926). The default expectation for DRLIT-UA 925 is 2 points per term; students must obtain permission from the program to register for 4 points.

Senior Honors Colloquium
DRLIT-UA 926  Identical to ENGL-UA 926. Prerequisites: History of Drama and Theatre I, II (DRLIT-UA 110, 111); a 3.65 GPA (both overall and in the major); and permission of the director of the program. Repeatable once for credit up to a maximum of 4 points. 2 points per term.
A yearlong experience required of all students in the honors program, taken concurrently with two terms of thesis writing (DRLIT-UA 925). Typically meets eight times each term.

Topics in Dramatic Literature
DRLIT-UA 971 4 points.
Content varies by semester.

Internship
DRLIT-UA 980, 981 Prerequisite: permission of the director of the program. Open to qualified upper-class dramatic literature majors or minors, but may not be used to fulfill the minimum requirements of either the major or the minor. 2 or 4 points per term.
Requires a commitment of 8 to 12 hours of work per week in an unpaid position to be approved by the director of the program. The intern’s duties on-site should involve some substantive aspect of work in drama. A written evaluation is solicited from the on-site supervisor at the end of the placement. The grade is based on a final project submitted to a faculty director with whom the student meets regularly over the semester to discuss the progress of the internship.

Independent Study
DRLIT-UA 997, 998 Prerequisite: permission of the director of the program. May not duplicate the content of a regularly offered course. Intended for qualified upper-class majors or minors in dramatic literature, but may not be used to fulfill the minimum requirements of either the major or the minor. 2 or 4 points per term.
Requires a paper of considerable length that embodies the results of a semester’s reading, thinking, and frequent conferences with the student’s director. The paper must demonstrate the student’s ability to investigate, collect, and evaluate his or her material, drawing conclusions that are discussed in a sound and well-written argument.
The Department of East Asian Studies offers students a comprehensive undergraduate program focusing on China, Japan, and Korea. The program combines the teaching of languages with the disciplinary study of diverse forms of cultural production and social practices. The curriculum emphasizes multi- and cross-disciplinary approaches to the study of documents, practices, and texts, and their regional and global interconnections. The department offers four-year language sequences in Chinese, Japanese, and Korean designed to facilitate the rapid acquisition of literacy in the target language. Students are encouraged to integrate their acquired language skills with the in-depth study of particular aspects of East Asian civilization through upper-level seminars, independent study, and, for qualified undergraduates, an honors research program. Students graduating from the Department of East Asian Studies go on to pursue a wide variety of professional careers related to the region, or continue their education at the graduate level in related fields.

FACULTY

Professor Emeritus
Harootunian

Professors
Roberts, X. Zhang (Comparative Literature)

Associate Professors
Looser, Shimabuku

Assistant Professors
Coderre, Harkness (Gallatin), Jeong Oh

Clinical Associate Professors

Clinical Assistant Professors
Kinjo, Yamamoto

Affiliated Faculty
Cornyetz (Gallatin)
Waley-Cohen (History)
Z. Zhang (Cinema Studies)
Zito (Anthropology, Religious Studies)

PROGRAM

Major

The major in the Department of East Asian Studies (EAS) consists of nine 4-point courses (36 points). Qualified students choose from the two tracks outlined below.

Language and Civilization Track

Students must complete two courses (8 points) in a language (Chinese, Korean, or Japanese) at the advanced level or above. Elementary and intermediate courses do not count toward the major point total. No compromise on language levels is permitted.
In addition to the fulfillment of the language component, students must take seven civilization courses (28 points) from among Department of East Asian Studies offerings.

• One of these seven courses must be one of the following College Core Curriculum Cultures and Contexts offerings. *No other Cultures and Contexts courses are considered as fulfilling this requirement, including Eastern Civilization or equivalent in Liberal Studies. Transfer students from Liberal Studies must take one of the courses listed below.*
  - Cultures and Contexts: The Chinese and Japanese Traditions (CORE-UA 506)
  - Cultures and Contexts: Japan—A Cultural History (CORE-UA 507)
  - Cultures and Contexts: China (CORE-UA 512)
  - Cultures and Contexts: Korea (CORE-UA 543)

• Students must have at least one course in each of the three areas: China, Japan, and Korea.
• At least 20 of the 28 civilization points must be taken at the NYU New York campus. (See notes below for NYU Shanghai and NYU Abu Dhabi courses.)
• Students are only permitted to transfer up to two civilization courses (8 points) and two language courses (8 points) from non-NYU programs, if pre-approved by both CAS and the department.

**Civilization Track**

Students must complete nine East Asian Studies civilization courses (36 points). In this version, no language course points count toward the major.

• One of these nine courses must be one of the following College Core Curriculum Cultures and Contexts offerings. *No other Cultures and Contexts courses are considered as fulfilling this requirement, including Eastern Civilization or equivalent in Liberal Studies. Transfer students from Liberal Studies must take one of the courses listed below.*
  - Cultures and Contexts: The Chinese and Japanese Traditions (CORE-UA 506)
  - Cultures and Contexts: Japan—A Cultural History (CORE-UA 507)
  - Cultures and Contexts: China (CORE-UA 512)
  - Cultures and Contexts: Korea (CORE-UA 543)
  - Students must have at least one course in each of the three areas: China, Japan, and Korea.
• At least 20 of the 36 points must be taken at the NYU New York campus. (See notes below for NYU Shanghai and NYU Abu Dhabi courses.)
• Students are only permitted to transfer up to four civilization courses (16 points) from non-NYU programs, if pre-approved by both CAS and the department.

**Notes Applying to Both Major Tracks**

• Courses must have an East Asian studies course number (EAST-UA) to count toward the EAS major.
• A grade of C or better is necessary in all courses used to fulfill major requirements; courses graded Pass/Fail do not count toward the major.
• An upper limit of 16 points can be transferred from outside NYU and applied to the major. This includes non-NYU study away credits, as well as credits from other universities in the United States. Transfer students from other universities should meet with the director of undergraduate studies (DUS) to discuss the number of points they can transfer from their previous institution toward the major. In all cases, transfer credits will be awarded only after CAS (or the appropriate school) has awarded University credit, and only after courses are reviewed at the departmental level for equivalence to NYU-NY standards. Please refer to “Policy on Transfer Credits and NYU Shanghai and NYU Abu Dhabi Courses,” below, for additional information.
• Cantonese, Vietnamese, and Tibetan languages may not be counted toward either major or minor requirements.
• Qualified NYU Shanghai and/or NYU Abu Dhabi civilization courses count towards the major automatically. A language and civilization track major may apply up to four 4-point courses (16 points) toward the major—no more than 8 points in civilization and 8 points in language. A civilization track major may apply up to two 4-point courses (8 points) toward the major—no more than 8 points in civilization. A list of which courses qualify will be provided each semester on the department’s website. Please refer to “Policy on Transfer Credits and NYU Shanghai and NYU Abu Dhabi Courses,” below, for additional information.
• Courses listed as “electives” on the EAS departmental website course listings do not count toward the major. CAS First-Year Seminars may count toward the major, although the specific seminar must be approved by the DUS.
• No double-counting of courses will be permitted. Courses to be counted toward the EAS major must be exclusive to this major, whether or not they are cross-listed with another department.

Minor in East Asian Civilization
Four civilization courses (16 points) in the Department of East Asian Studies.

Minor in Chinese
Four Chinese language courses (16 points) through the Advanced II level. Elementary I and II do not count toward fulfilling the minor requirements. Typical plan of study: Intermediate I, Intermediate II, Advanced I, and Advanced II.

Minor in Japanese
Four Japanese language courses (16 points) through the Advanced II level. Elementary I and II do not count toward fulfilling the minor requirements. Typical plan of study: Intermediate I, Intermediate II, Advanced I, and Advanced II.

Minor in Korean
Four Korean language courses (16 points) through the Advanced II level. Elementary I and II do not count toward fulfilling the minor requirements. Typical plan of study: Intermediate I, Intermediate II, Advanced I, and Advanced II.

Notes Applying to All Minor Tracks
• Chinese, Japanese, and Korean minors: If Advanced II of the target language is reached prior to fulfilling the 16 points, fourth-year language courses (i.e., past Advanced II) must be taken to fulfill the remaining points.
• At least 8 of the 16 points must be taken at the NYU New York campus.
• A grade of C or better is necessary in all courses used to fulfill minor requirements; courses graded Pass/Fail do not count toward the minor.
• No more than two transfer courses (8 points) may be accepted toward any minor, subject to review by and approval of the director of undergraduate studies. (This includes courses taken at the NYU portals.) Courses submitted for transfer credit must first be approved by CAS (or the appropriate school); only after such approval can the DUS in East Asian studies make a determination at the departmental level. Please refer to “Policy on Transfer Credits and NYU Shanghai and NYU Abu Dhabi Courses,” below, for additional information.
• Qualified NYU Shanghai and NYU Abu Dhabi civilization courses count toward the East Asian civilization minor. A list of which courses qualify will be provided every semester on the departmental website. Please refer to “Policy on Transfer Credits and NYU Shanghai and NYU Abu Dhabi Courses,” below, for additional information.

• No double-counting of courses will be permitted. Courses to be counted toward an EAS minor must be exclusive to that EAS minor, whether or not they are cross-listed with another department.

• Only the civilization minor (i.e., none of the language minors) can be used to satisfy the Expressive Culture requirement of the College Core Curriculum.

Policy on Transfer Credits and NYU Shanghai and NYU Abu Dhabi Courses

• Students who enter CAS as freshmen and choose the track in language and civilization may take up to two 4-point civilization courses (8 points) and two 4-point language courses (8 points) covering East Asia at NYU Shanghai and NYU Abu Dhabi. A list of the pre-approved courses can be found on the department’s website. These courses will be applied toward the major or minor for students who earn a C or better; they do not need to be pre-approved or reviewed.

• Students who enter CAS as freshmen and choose the track in civilization may take up to two 4-point civilization courses (8 points) covering East Asia at NYU Shanghai and NYU Abu Dhabi. A list of the pre-approved courses can be found on the department’s website. These courses will be applied toward the major or minor for students who earn a C or better; they do not need to be pre-approved or reviewed.

• Students who enter CAS as transfer students and choose the track in language and civilization may apply up to four 4-point transfer courses (16 points) toward the major or two 4-point transfer courses (8 points) toward the minor, upon review and approval by the director of undergraduate studies. For the major, no more than 8 points in civilization and 8 points in language may be transferred in. They may choose to replace up to 16 of these points with two 4-point civilization courses (8 points) and two 4-point language courses (8 points) covering East Asia at NYU Shanghai and NYU Abu Dhabi. A list of the pre-approved courses can be found on the department’s website. These Shanghai and Abu Dhabi courses will be applied toward the major or minor for students who earn a C or better; they do not need to be pre-approved or reviewed. The total of transfer credits from other institutions and credits from NYU Shanghai and NYU Abu Dhabi cannot exceed four courses (16 points) for the major and two courses (8 points) for the minor. [Transfer students should note that NYU Shanghai and NYU Abu Dhabi courses do not count toward the 64 credits that internal or external transfer students to the College are required to complete in CAS (-UA) courses.]

• Students who enter CAS as transfer students and choose the track in civilization may apply up to four 4-point transfer courses (16 points) in civilization toward the major or two 4-point transfer courses (8 points) toward the minor, upon review and approval by the director of undergraduate studies. They may choose to replace up to 8 of these points with two 4-point civilization courses (8 points) covering East Asia at NYU Shanghai and NYU Abu Dhabi. A list of the pre-approved courses can be found on the department’s website. These Shanghai and Abu Dhabi courses will be applied toward the major or minor for students who earn a C or better; they do not need to be pre-approved or reviewed. The total of transfer credits from other institutions and credits from NYU Shanghai and NYU Abu Dhabi cannot exceed four courses/16 points for the major and two courses/8 points for the minor. [Transfer students should note that NYU Shanghai and NYU Abu Dhabi courses do not count toward the 64 credits that internal or external transfer students to the College are required to complete in CAS (-UA) courses.]
Honors Program

Eligibility: Students must spend at least two full years in residence at the College of Arts and Science, completing at least 64 points of graded work in the College. Students must maintain a general GPA of 3.65 and a major average of 3.7. Students transferring from Liberal Studies are exempt from the CAS residency requirement.

Requirements: (1) Substantial completion of the major requirements (24 to 28 points), (2) major GPA of 3.7 or better, and (3) the student must register in his or her senior year for two semesters of independent study, at 4 points per semester (a total of 8 points), under the supervision of a departmental faculty member (or affiliate). This total of 8 points is in addition to the 36 points of the major. The 8-point honors sequence must result in a substantively researched thesis, normally 30 to 50 typed pages. The faculty supervisor and the subject of the honors thesis are chosen by the student in consultation with the director of undergraduate studies, who must approve the topic/adviser in the first semester of the honors sequence.

COURSES

The courses listed below are intended to show the range of choices available; students are not limited to these courses in fulfilling the major or minor.

Language Courses

Elementary Chinese I
EAST-UA 201  Prerequisite: none.
Offered every semester. 4 points.
Designed to develop language skills in listening, speaking, reading, and writing as it relates to everyday life situations. Objectives: to master the Chinese phonetic system (pinyin and tones); to become further familiar with the construction of commonly used Chinese characters (both simplified and traditional); to understand and use correctly basic Chinese grammar and sentence structures; to continue building up essential vocabulary; to read and write level-appropriate passages (100 to 150 characters long).

Elementary Chinese II
EAST-UA 202  Prerequisite: Elementary Chinese I (EAST-UA 201, 9201) or equivalent.
Offered every semester. 4 points.
Objectives: to continue mastering the

Intermediate Chinese I
EAST-UA 203  Prerequisite: Elementary Chinese II (EAST-UA 202, 9202) or equivalent.
Offered every semester. 4 points.
Designed to consolidate and develop overall aural-oral proficiency. Objectives: to obtain information from more extended conversation; to express and expound on, at greater length, feelings and opinions on common topics; to develop reading comprehension of extended narrative and expository passages; and to write at greater length (200 to 250 characters long) personal narratives, informational narratives, and comparison and discussion of viewpoints with level-appropriate vocabulary and grammatical accuracy, as well as basic syntactical cohesion.

Intermediate Chinese II
EAST-UA 204  Prerequisite: Intermediate Chinese I (EAST-UA 203, 9203) or equivalent.
Offered every semester. 4 points.
Designed to continue consolidating and developing overall aural-oral proficiency, gradually focusing more on semi-formal or formal linguistic expressions. Objectives: to further develop competence in obtaining information from more extended conversation; to express and expound on, at more extended length, feelings and opinions on socio-cultural topics; to develop more specialized vocabulary needed to discuss these topics; to improve ability to decipher meaning of compound words; to further develop reading comprehension of extended narrative, expository, and simple argumentative passages; to learn to solve syntactical problems independently; and to write at greater length (250 to 300 characters long) informational narratives and expository and simple argumentative passages with level-appropriate vocabulary and grammatical accuracy, as well as with basic syntactical cohesion.

Honors Program

Eligibility: Students must spend at least two full years in residence at the College of Arts and Science, completing at least 64 points of graded work in the College. Students must maintain a general GPA of 3.65 and a major average of 3.7. Students transferring from Liberal Studies are exempt from the CAS residency requirement.

Requirements: (1) Substantial completion of the major requirements (24 to 28 points), (2) major GPA of 3.7 or better, and (3) the student must register in his or her senior year for two semesters of independent study, at 4 points per semester (a total of 8 points), under the supervision of a departmental faculty member (or affiliate). This total of 8 points is in addition to the 36 points of the major. The 8-point honors sequence must result in a substantively researched thesis, normally 30 to 50 typed pages. The faculty supervisor and the subject of the honors thesis are chosen by the student in consultation with the director of undergraduate studies, who must approve the topic/adviser in the first semester of the honors sequence.
Advanced Chinese I
EAST-UA 205  Prerequisite: Intermediate Chinese II (EAST-UA 204, 9204) or equivalent. Offered every semester. 4 points.
Designed to further consolidate and develop overall language proficiency through studying articles on socio-cultural topics relevant to today’s China. Objectives: to learn to apply formal linguistic expressions in speaking and writing; to acquire specialized vocabulary and patterns necessary for conducting formal discussions of socio-cultural topics; to develop reading comprehension of texts with more advanced syntax; to learn to make context based guesses about the meanings of new words; to further enhance ability to analyze as well as produce sentences with more complex syntactical features; to learn to write expository and argumentative passages at greater length; and to learn to employ basic rhetorical devices in writing.

Advanced Chinese II
EAST-UA 206  Prerequisite: Advanced Chinese I (EAST-UA 205, 9205) or equivalent. Offered every semester. 4 points.
Designed to further enhance oral and written communicative competence using formal linguistic expressions; to further expand specialized vocabulary and patterns necessary for conducting formal discussions of socio-cultural topics relevant to today’s China; to further improve reading comprehension of texts with more advanced syntax; to further develop competence in making context - based guesses about the meaning of new words; to further enhance ability to analyze as well as produce sentences with more complex syntactical features; to further improve ability to write expository and argumentative passages at greater length; and to improve ability to effectively employ basic rhetoric devices in writing.

Translating Chinese
EAST-UA 210  Prerequisite: Intermediate Chinese II (EAST-UA 204, 9204) or Intermediate Chinese for Advanced Beginners (EAST-UA 232). 2 points.
A selection of classical Chinese passages from philosophical and historical texts. Selection of texts may vary by term and instructor.

Learning Chinese Through Media
EAST-UA 211  Prerequisite: Advanced Chinese II (EAST-UA 206, 9206) or permission of the instructor. Offered every year. 4 points.
Designed for students who want to further improve their Chinese through exposure to various media sources, such as films, magazines, newspapers, TV, Internet, and user-created content (UCC). Students will learn conversation and composition from the sources, further develop communication skills in Chinese, and discuss various topics related to contemporary issues in China.

Reading Confucius in Chinese
EAST-UA 215  Prerequisite: Intermediate Chinese II (EAST-UA 204 or 9204) or permission of the instructor. Offered every two years. 2 points.
Combining methods from philology and philosophy, undertakes translation and interpretation of a selection of some 40-50 passages from the primary source of Confucius’ life and sayings, the Analects (Lunyu). Reference to related texts which developed or criticized ideas in the Analects.

Readings in Chinese Culture I
EAST-UA 221  Prerequisite: Advanced Chinese II (EAST-UA 206, 9206) or permission of the instructor. Offered every fall. 4 points.
Chinese language at fourth-year level. Designed to enhance Chinese proficiency through studying authentic materials rich in cultural connotations. Objectives: to develop language skills needed for semi-formal and formal presentation on academic topics; to further improve reading comprehension and develop skills needed to conduct textual analysis of passages with sophisticated syntax and semantic nuance; to develop responsiveness to and ability to interpret stylized usage; and to advance strategies for autonomous learning of Chinese language from an analytical perspective. Reading materials will generally be selected from China’s modern period (1919-1949).

Readings in Chinese Culture II
EAST-UA 222  Prerequisite: Readings in Chinese Culture I (EAST-UA 221) or permission of the instructor. Offered every spring. 4 points.
Continuation of Chinese language at fourth-year level, with reading materials generally selected from contemporary sources.
Politico-Philosophical Texts in Classical Chinese
EAST-UA 223 Formerly Chinese Philosophy in Chinese. Prerequisite: Introduction to Classical Chinese (EAST-UA 226) or permission of the instructor. 4 points.
A continuation of Introduction to Classical Chinese (EAST-UA 226). Through close reading and understanding of selected foundational texts, aims to further familiarize students with important linguistic features unique to classical Chinese and develop their reading comprehension skills in this highly stylized linguistic form. Readings from The Analects, Mencius, Mozi, Zhuangzi, Xunzi, Han Feizi, Book of Lord Shang, and Springs and Autumns of Master Lü, as well as from writings by Han Dynasty thinkers such as Chao Cuo and Jia Yi.

Narrative Texts in Classical Chinese
EAST-UA 224 Prerequisite: Introduction to Classical Chinese (EAST-UA 226) or permission of the instructor. Offered every year. 4 points.
A post-advanced level intensive reading class for undergraduate students who already have attained advanced proficiency in modern Mandarin and basic knowledge of classical Chinese, and who need a command of classical Chinese for their future research and study.

Chinese Language and Structure
EAST-UA 225 Prerequisite: Intermediate Chinese II (EAST-UA 204, 9204) or equivalent. 4 points.
Designed for non-heritage students who wish to review and reinforce what they have learned at the intermediate level. Through intense and systematic study of essential Chinese grammatical points covered in earlier courses, it aims to provide students with a solid grounding before they take Advanced Chinese I and/or II (EAST-UA 205/9205, 206/9206).

Introduction to Classical Chinese
EAST-UA 226 Prerequisite: Advanced Chinese II (EAST-UA 206, 9206) or permission of the instructor. Offered every fall. 4 points.
An introduction to basic syntax, grammar, and vocabulary with close readings of historically significant and canonical texts that are extremely rich in Chinese cultural connotation. A variety of genres: historical literature, philosophical and political writings, written correspondence, poetry, and essays. Aims to develop students’ reading comprehension skills in this highly stylized form of written Chinese, acquainting students not only with the classical Chinese cultural heritage but also with the underlying working mechanism that is in many ways relevant to the form and usage of today’s Mandarin Chinese.

Country and City: Readings in Modern Chinese Literature and Film
EAST-UA 227 Prerequisites: Readings in Chinese Culture II (EAST-UA 222) and permission of the instructor. Does not count toward the major or minor. Offered every year. J. Wang. 4 points.
Post-advanced level and intensive readings in Chinese. The aim is to develop students’ skills in reading literary and cultural texts in their original language and sociohistorical context. Organized by an overall theme relevant to Department of East Asian Studies majors’ and graduate students’ training and professional development, such as country and city in modern China or women and revolution. Under the chosen rubric, reading materials are organized to both introduce students to major works in modern Chinese literature and culture and prepare them for further reading and independent research.

Reading The Dream of the Red Chamber
EAST-UA 228 Prerequisite: Readings in Chinese Culture II (EAST-UA 222) and permission of the instructor. Offered every year. J. Wang. 4 points.
The Dream of the Red Chamber is, by popular and scholarly consensus, the greatest literary achievement of vernacular fiction from imperial China. Through close reading and small-group discussion, students develop a high level of skill in literary translation, textual and discourse analysis, and critical interpretation, in addition to gaining an intimate knowledge of Chinese language, literary genres, cultural norms, and social conventions. The reading and discussion are conducted in Chinese.

Elementary Chinese for Advanced Beginners
EAST-UA 231 No prerequisite. Offered every semester. 4 points.
Intended for students who can converse in Mandarin Chinese about matters related to everyday life situations but cannot read and write at the same level. Students with no language background should enroll in Elementary Chinese I (EAST-UA 201).

Intermediate Chinese for Advanced Beginners
EAST-UA 232 Prerequisite: Elementary Chinese for Advanced Beginners (EAST-UA 231). Offered every semester. 4 points.
Designed for students with intermediate level Mandarin speaking proficiency who can understand and speak, with near-standard pronunciation and without major grammatical errors, conversational Chinese related to daily life situations and simple sociocultural topics. It aims to further strengthen students’ correct pronunciation and intonation, grammatical accuracy, and overall competence in reading and writing.
Elementary Japanese I, II
EAST-UA 247, 248 No previous training in the language is required for EAST-UA 247. Prerequisite for EAST-UA 248: EAST-UA 247 with a minimum grade of C-. Offered in the fall and spring. 4 points.
Modern spoken and written Japanese. Designed to develop fundamental skills in the areas of speaking, listening, reading, and writing. Introduces the Korean language and alphabet, Hangul. Provides a solid foundation in all aspects of the language, including speaking, listening, reading, and writing. Students study the language's orthographic and phonetic systems, grammar, syntax, and vocabulary within social and cultural contexts.

Intermediate Korean I, II
EAST-UA 256, 257 Prerequisite for EAST-UA 256: Elementary Korean II (EAST-UA 255) or placement exam. Prerequisite for EAST-UA 257: EAST-UA 256 or placement exam. Offered in the fall and spring. 4 points.
Develops the language's major social and cultural contexts. Requires students to write about and discuss various topics.

Advanced Korean I, II
EAST-UA 258, 259 Prerequisite for EAST-UA 258: Intermediate Korean II (EAST-UA 257) or placement exam. Prerequisite for EAST-UA 259: EAST-UA 258 or placement exam. Offered in the fall and spring. 4 points.
Continuing development of skills in conversation, reading, and writing. Students develop further strategies for autonomous learning.

Media Korean
EAST-UA 26 Prerequisites: Advanced Korean II (EAST-UA 259) and permission of the instructor. Offered every year. 4 points.
Fourth-year Korean. Improves students' understanding of written and spoken Korean through exposure to various media sources, such as film, magazine, newspaper, TV, Internet, and user-created content (UCC). Students learn Korean sentence patterns and vocabularies from the sources, develop advanced communication skills in Korean, and discuss various topics related to contemporary issues in Korea.

Readings in Contemporary Japanese Writings
EAST-UA 266 Prerequisites: Advanced Japanese II (EAST-UA 253) with a minimum grade of C+ and permission of the instructor. Offered every year. 4 points.
Fourth-year Japanese. Close readings of contemporary Japanese writing in such genres as social commentary, history, and literature. Emphasizes further reading and writing skills and, to a lesser extent, speaking and listening. Students develop further strategies for autonomous learning.

Readings in Modern Japanese Writings
EAST-UA 267 Prerequisites: Advanced Japanese II (EAST-UA 253) with a minimum grade of C+ and permission of the instructor. Offered every year. 4 points.
Fourth-year Japanese. Further develops proficiency in speaking, listening, writing, and reading comprehension. Students learn and practice a wider range of useful vocabulary and expressions, with reinforcement of previously learned grammatical patterns and structures.

Japanese for Reading Proficiency
EAST-UA 268 Prerequisites: by placement examination and permission of the instructor only. Offered every semester. 4 points.
Covers all grammatical structures and essential Kanji characters (550+) introduced in elementary and intermediate level study. Intended for students with a post-intermediate level of oral-aural skills. A self-paced study leading to proficiency in reading and writing for students seeking exemption from the CAS foreign language requirement or enrollment (by permission) in advanced Japanese courses.
Japanese Language and Structure in Mass Media
EAST-UA 269 Prerequisite: Intermediate Japanese I (EAST-UA 249) with a minimum grade of C+ and permission of the instructor. Offered every year. 4 points.
Covers dynamic challenges posed to the formal structure of the language (for instance, grammar) as it is practiced in multiple mediums such as television, film (including anime), and print culture (graphic novels, and genre literature such as crime novels). Addresses the practice of translation (such as the grammar of cinematic modes juxtaposed with the grammar of literary language). Intended for post-intermediate I through Advanced I students aiming to develop more oral-aural skills. (Post-Advanced I students should take Conversation and Composition in Japanese, EAST-UA 262.)

Writing Japanese in New Media
EAST-UA 272 Prerequisite: Intermediate Japanese II (EAST-UA 250) or equivalent and permission of instructor. Offered every year. 4 points.
Designed to further develop students’ writing skills using forms of new media, such as wikis and blogs. Explores various forms and genres of writings and audiovisual materials.

Elementary Korean for Advanced Speakers
EAST-UA 281 No prerequisite. Offered every year. 4 points.
Covers first-year Korean in one semester. Designed for students who can understand and speak basic to intermediate conversational Korean but do not have previous formal language training in reading and writing. Aims to develop students’ correct pronunciation, grammatical accuracy, and overall competence in reading and writing.

Intermediate Korean for Advanced Speakers
EAST-UA 282 Prerequisite: Elementary Korean for Advanced Speakers (EAST-UA 281) or equivalent language proficiency. Offered every year. 4 points.
Covers second-year Korean in one semester. Designed for students with intermediate-level speaking proficiency but with reading and writing ability equivalent to a student who has completed elementary level Korean, and who can understand and speak (with near-standard pronunciation and without major grammatical errors) conversational Korean related to daily situations and simple socio-cultural topics. Aims to further strengthen students’ correct pronunciation and intonation, grammatical accuracy, ability to understand differences in nuance, and overall competence in reading and writing.

Structure of Korean
EAST-UA 283 Prerequisite: Advanced Korean II (EAST-UA 259) or equivalent language proficiency. Offered every year. 4 points.
Covers the various aspects of the Korean language, focusing on its uniqueness in light of general linguistics. Begins with a brief introduction to language structure in general and proceeds to genetic affiliation, historical development, lexicon, writing system, sound patterns, word structure, and sentence structure.

Readings in Modern Korean
EAST-UA 299 Prerequisite: Advanced Korean II (EAST-UA 259) and permission of the instructor. Offered every year. 4 points.
Fourth-year level. Provides students the opportunity to enhance their Korean literacy skills while doing some concentrated reading on issues, areas, and genres of their own interest. A wide range of texts is used in class, including fiction, poetry, social and cultural criticism, and journalism.

Business Chinese I
EAST-UA 603 Formerly Advanced Business Chinese I. Prerequisite: Business Chinese II (EAST-UA 206, 9206) or placement exam, and a basic background in business and/or economics. 4 points.
China’s economic reforms, its integration into the global economy, and the subsequent challenges and opportunities for its economy, companies, and society at large. Teaches the specialized vocabulary, phrases, and syntax used for oral and written communication in authentic Chinese business settings. Assigns journal articles on various aspects of China’s economic development and its evolving macroeconomic and microeconomic policies, as well as case studies of both domestic and foreign companies operating in China.

Business Chinese II
EAST-UA 604 Formerly Advanced Business Chinese II. Prerequisite: Business Chinese I (EAST-UA 603) or permission of the instructor. 4 points.
Students continue to expand their business vocabulary and develop their command of grammar. Emphasis on close reading of journal articles and honing of formal oral presentation skills.

Civilization Courses
East Asian Art I: China, Korea, Japan
EAST-UA 91 Identical to ARTH-UA 510. 4 points.
See description under art history.

Topics in World Cinema
EAST-UA 300 4 points.
Topics vary semester by semester.

Belief and Social Life in China
EAST-UA 351 Identical to RELST-UA 351. 4 points.
See description under religious studies.
China and Taiwan
EAST-UA 529  Identical to HIST-UA 529. Karl. 4 points.
Examines 20th-century Taiwan and China in their interrelationship and their divergent paths. Rather than a diplomatic or international relations approach, takes up crucial issues in the history of each polity and society. Substantial reading requirements and expectations for student participation.

Mao and the Chinese Revolution
EAST-UA 535  Identical to HIST-UA 546. Karl. 4 points.
The revolution made Mao as much as Mao made the revolution. We investigate Mao’s thoughts and theories as products of the revolutionary situation in China and the world in the 20th century, and of the revolutionary collective that gathered around Mao prior to and throughout his leadership of the Chinese Communist Party.

Gender and Radicalism in Modern China
EAST-UA 536  Identical to HIST-UA 536, SCA-UA 536. Karl. 4 points.
See description under history.

History of Modern Japan
EAST-UA 537  Identical to HIST-UA 537. Solt. 4 points.
See description under history.

Asia's Revolutions: China/India/Vietnam, 1885-1962
EAST-UA 538  Identical to HIST-UA 538. Roberts. 4 points.
A comparative approach to national independence movements and their contexts. Examines figures who led India and Vietnam from colonial subordination to independent nationhood and China from its semi-colonial status to liberation. Principal figures include Mohandas Gandhi, Mao Zedong, and Ho Chi Minh, with attention to Gokhale, Tilak, Jinnah, and Nehru (India); Li Hongzhang, Sun Yatsen, Chen Duxiu, La Dazhao, and Chiang Kai-shek (China); and Phan Boi Chau (Vietnam).

Chinese Film and Society
EAST-UA 540  Coderre. 4 points.
Examines Chinese films in their social, political, and cultural contexts. The specific topics vary from filmic representation of revolution and socialism to avant-garde experimentation in post-Mao China. The approach is comparative and analytical, with a focus on the particular experiences of Chinese modernity as reflected in visual images and cultural politics.

Seminar: Cold War in Asia
EAST-UA 552  4 points.
Examines U.S. foreign policy in Asia since 1945 and how U.S. global interests and concerns sought to shape Asian realities (and were shaped in turn by them). Topics: the occupation of Japan and early U.S. global economic visions; the U.S. and the Chinese revolution; the Korean War and the isolation of China; the Vietnam War and the Kennedy/Johnson years; Nixon’s global geopolitical vision and policies; Carter and human rights diplomacy; Reagan and the Asian issues involved in an intensified Cold War against Russia; George H. W. Bush and Asia’s place in “a New World Order”; and the Clinton and George W. Bush years.

Topics in East Asian Studies
EAST-UA 569  Topics determine prerequisites. May be repeated three times for credit (taken four times in total) as topics change. Seminar. Offered every year. 4 points. Topics vary.

History of Modern Korea
EAST-UA 609  4 points.
Starts in the late 19th century and proceeds through the colonial period (1910-45), national partition (1945), the Korean War (1950-52), and the establishment of a “division system.” Examines issues of national sovereignty, class and gender, and democracy within a broader, East Asian/global context.

Korean Modernism
EAST-UA 610  4 points.
Considers the problem of colonial modernism through a close reading of literary and other cultural texts from early 20th-century Korea. Questions the relationship among imperialism, writing, and subjectivity.

20th-Century Korean Literature in Translation
EAST-UA 611  4 points.
Traces literary development under the competing influences of tradition, history, and the West. Readings include drama, poetry, and fiction from modern and contemporary periods. Occasional lectures on classical forms of Korean literature and drama.

Japanese Cinema
EAST-UA 613  4 points.
Examines key theoretical and methodological issues in the study of Japanese cinema, such as the connections between Japanese films and cultural traditions, the effect of Americanization and modernization, the formation of national identity and specificity, and the “otherness” of Japanese cinematic form.

Aesthetics and Politics of Vision in Premodern Japan
EAST-UA 615  Looser. 4 points.
A broad and interdisciplinary cultural history of Japan, roughly from the eighth century through the mid-19th. The focus is on visual regimes—differing conventions and practices of seeing—and on the changing role of aesthetics. These visual regimes are used to understand fundamental transformations in structures of power, community, and subjectivity. Draws on a range of materials, from literature to landscape.
gardens, visual arts, architecture, and technologies.

**Approaches to Chinese Cinema**  
EAST-UA 618  **4 points.**

The development of cinema in 20th-century China is inextricably linked to the emergence of the modern Chinese nation-state. Emphasizes the thematic, cultural, and historical content of films, as well as formal filmmaking techniques. Explores all periods from the earliest Chinese cinema to contemporary fifth- and sixth-generation film, Hong Kong, and contemporary transnational Chinese cinema.

**Mass Culture: Japan**  
EAST-UA 707  **Looser, 4 points.**

Covers the early 20th century to life in Japan today. Considers differing theoretical positions on mass culture, everyday life, and modernity. Examples from cinema, animation, literature, and theatre, as well as new media and the fine arts. Utilizes a comparative perspective with the rest of Asia and with the West.

**Japanese Animation and New Media**  
EAST-UA 708  **Looser, 4 points.**

Examines how anime might, or might not, shift earlier modes of expression (both literary and animated); the prevalence of mythology in animation and the tension between mythology and ideology; the importance of genre; and the impact of “old” and “new” media on narrative structure and reception. Implications of these conditions for thinking about “Japanese” culture are considered.

**Epic Romances of Asia: China, Japan, and Vietnam**  
EAST-UA 718  **Roberts, 4 points.**

Comparative coverage of three romantic classics: one Vietnamese (*Tale of Kieu*), one Japanese (*Tale of Genji*), and one Chinese (*Dream of the Red Chamber*), with selections from Buddhist texts. Topics: the role of heroines, the relationship of romance and marriage to political power and social customs, and the authority of parents and elders. Confucian secular concepts of authority co-exist and contend with Buddhism’s reinterpretation of the secular world and offer of escape from worldly suffering.

**Topics in Japanese Literature**  
EAST-UA 719  **4 points.**

Topics vary by semester.

**Readings in Chinese Philosophy and Culture**  
EAST-UA 722  **Formerly Introduction to the Civilization of Imperial China. Roberts. 4 points.**

Coverage from the era of Confucius (d. 479 B.C.E.) to the unification of the realm in 206 B.C.E., the pre-imperial period that is also known as the warring states. Begins with the Analects to establish the key elements of Confucius’ ethical and political philosophy and then examines his critics and followers. Concludes with Sima Qian’s *Record of the Historian* (excerpts) and the novel *The Three Kingdoms*. The former addresses the establishment of the Qin and Han dynasties; the latter chronicles the fall of the Han dynasty some four centuries later and the reconstitution of a unified realm.

**Historical Epics of China and Japan**  
EAST-UA 726  **Roberts. 4 points.**

Comparative treatment of the two major military epics of China, *Three Kingdoms* and *Outlaws of the Marsh* (*Sanguo yanyi* and *Shuihu zhuan*), and the major military epic of Japan, *The Tale of the Heike* (*Heike monogatari*). Themes: nature of dynastic rule, qualifications for kingship, relation of civil to military authority, diplomatic and military strategies, and the roles of Confucianism, Buddhism, and Daoism in these complex narratives.

**Topics in East Asian Classics**  
EAST-UA 728  **Offered every two years. 4 points.**

Topics vary by semester.

**Traditional Drama of China and Japan**  
EAST-UA 729  **Roberts. 4 points.**

Compares a selection of Chinese and Japanese pre-modern dramas and explores contrasts and parallels of incident, character, plot design, and theme in the two theatrical traditions. Attention to the historical background of each work and the social conditions and customs that each reflects. The cultural salience of each work is also considered.

**20th-Century Chinese Literature in Translation**  
EAST-UA 731  **4 points.**

Explores changing trends in literary writing and how this relates to the social and historical contexts of the period. Literature as reflection on/of the culture and self-understanding of modern China.

**Modern Chinese Fiction**  
EAST-UA 732  **4 points.**

Literature from the late Qing period to the present day. Engages in close, critical readings of significant works of fiction from a selection of authors (primarily from mainland China). Offers students a more nuanced understanding of modern China and the role that fiction has played as both an agent of modernity and a reflection of modern Chinese life.

**Modern Japanese Literature and its Filmic Expression**  
EAST-UA 733  **4 points.**

Literature in its historical context.
Topics include: the individual versus the bureaucracy, the struggle against the feudal past, intra-familial and generational conflict, the despised caste called Eta, the instability of gender roles, and the sources of political fanaticism.

**Japan Through Its Literature**
EAST-UA 734  *No knowledge of Japanese required. Roberts. 4 points.*
Covers about 10 major Japanese literary works, starting with the 11th-century *Tale of Genji*. Includes the Zen diary *Essays in Idleness*, texts of Noh plays, the *Chushingura*, and plays of Chikamatsu. Moves on to a series of modern novels starting with *Ukigumo* and followed by *The Broken Commandment*, *Sound of the Mountain*, and *The Waiting Years*.

**Modern Korea and the Korean Diaspora**
EAST-UA 735  *4 points.*
Explores migration and displacement as primary driving forces that shape modern Korean culture, economy, history and politics. As Korea (formerly Chosun) became part of global capitalism in the late 19th century, class relations and land ownership underwent dramatic changes, which caused many Koreans’ displacement and landlessness.

**Vietnam: Its History**
EAST-UA 737  *Identical to HIST-UA 737. 4 points.*
Focus on the American War in Vietnam. Begins by examining Vietnamese cultural and national identity and the impact of French colonialism and then examines: the war of 1946-54 between the French and the Viet Minh; the early American OSS links with Ho Chi Minh and the Truman administration’s deepening commitments to the French; the policies of the Eisenhower administration, from Dien Bien Phu and the Geneva Conference in 1954 to the decision to back Ngo Dien Diem; the deepening commitment of the Kennedy administration; the escalating war of the Johnson years; and the end of the war under Nixon and Ford. Concludes with legacies and interpretations of the war.

**Introduction to Buddhism**
EAST-UA 832  *Identical to RELST-UA 832. 4 points.*
See description under religious studies.

**Topics in Chinese Studies**
EAST-UA 952  *4 points.*
Topics vary by semester.

**Topics in Japanese Studies**
EAST-UA 953  *4 points.*
Topics vary by semester.

**Internship**
EAST-UA 980, 981  *2 or 4 points per term.*

**Independent Study**
EAST-UA 997, 998  *2 or 4 points per term.*
The Department of Economics prepares students to understand individual and group decision-making, the structure of markets and economies, and the relationship between regions within the global economy. Although the department is large, its students enjoy an excellent student-faculty rapport. Many of the faculty members are associated with distinguished research institutions. By being able to study with faculty who are actively engaged in research, students learn not only about the fundamentals of economic theory but also how such theory is utilized. They have the opportunity to conduct research on their own. Honors students are required to write an honors thesis under direct faculty supervision.

Students majoring in economics have many options open to them after graduation. The major prepares them for graduate school in economics, business management, or public administration. Preprofessional students will find that an economics major not only fosters the discipline medical or law school demands, but provides a solid foundation for these and other careers. Employers and professional schools appreciate the skills acquired by economics students and hire economics majors because they can think quantitatively, qualitatively, and analytically. Studying economics at New York University is especially rewarding because of its urban environment. Students often find career opportunities on Wall Street, at the United Nations, or in various corporate, financial, governmental, agency, and nonprofit institutional settings.

FACULTY

Professors Emeriti
Gately, Kirzner, Ordover,

William R. Berkley Term Chair of Economics and Business; Silver Professor Ludvigson

William R. Berkley Term Professors of Economics and Business
Midrigan, Sargent

Paulette Goddard Professor of Political Economy Benhabib

Jay Gould Professor of Economics
Nadiri

Henry and Lucy Moses Professor of Economics Gertler

Silver Professors; Professors of Economics
Caplin, Fernandez, Gale, Ray

Professors
Abreu, Bisin, Cogley, Deheja,
Denoon, Easterly, Flinn,
Frechette, Frydman, Galichon

Gilchrist, Jovanovic, Lagos,
Menzio, Merlo, Nyarko, Ok,
Pearce, Rubinstein, Schotter,
Stacchetti, Vuong, Wolff

Associate Professors
Borovicka, Cesarini,
Christensen, Manresa, Menzel,
Prager, Querubin, Rizzo

Assistant Professors
Boar, Borovickova, Gilraine,
Madsen, Perez, Peter,
Rotemberg, Traiberman,
Waldinger, Williams

Clinical Professors
Harper, Lieberman, Storchmann

Clinical Associate Professors
Fan, McIntyre, Paizis, Saini

Clinical Assistant Professors
Guaitoli, Parsa, Roeppe

Global Distinguished Professor
Ljungqvist
Major in Economics: General Information

The economics major offers two concentrations, policy and theory, as described below. Students with permission from the director of undergraduate studies may change from one concentration to the other, but certain rules apply. In either case, no course may be taken for which the student does not have the appropriate prerequisites; this includes mathematics prerequisites.

Students should review the Department of Economics website for more information about the major and meet with an adviser in the department to plan their course of study. Advisers are located at 19 West Fourth Street, Rooms 836 and 837. Students are strongly advised to begin this sequential major as early as possible. Ideally, six full semesters are required to complete the major. It is impossible to complete the major in fewer than five semesters. Students considering honors in the major should speak to an economics adviser and complete the statistics requirement as soon as possible.

A grade of C or better is required for a course to be counted toward the major, as well as to satisfy the mathematics prerequisites. No course for the major may be taken Pass/Fail. If a student fails a course required for the major, the course must be retaken in the department; a course taken outside the University cannot be substituted for a failed course.

Students must pay close attention to the prerequisites for each course, as they are strictly enforced. Students who do not meet the minimum C requirement in a prerequisite course(s) will be de-enrolled at the beginning of each semester. A grade of P, I, or W does not satisfy the minimum grade requirement.

Transfer credit toward the major will be awarded on a case-by-case basis. Transfer students must consult the department's website for details.

The department requires that all economics majors take an exit exam before graduation. No preparation is necessary, and the grade has no impact on a student's academic record. The exam takes only one hour. Students are contacted by the department in their senior year with logistical details. The results are used by the department to evaluate the major.

Advanced Standing Credit

Advanced Placement (AP), A Level, International Baccalaureate (IB), or equivalent credits place students out of one or both of Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2) and also count towards the total number of courses required for the major or minor. For AP, a score of 4 or 5 is acceptable. For IB, the College accepts only High Level (HL) exams with a score of 6 or 7; for A Level examinations, CAS accepts a score of B or higher.

However, AP, A Level, IB, or equivalent credit in statistics is not acceptable for the economics major or minor. In addition, advanced standing credit in calculus does not substitute for either or both semesters of Mathematics for Economics I, II (MATH-UA 131, 132; formerly MATH-UA 211, 212), although students may take a placement exam administered by the Department of Mathematics and attempt to place ahead in—or out of—this required sequence.

Policy Concentration

The policy concentration of the major in economics is intended for the student who is primarily interested in applying economic analysis to an understanding of economic problems and policies. The elective courses allow students to focus on specific problems and topics that match their
interests and career plans. This concentration corresponds most closely to the economics major that is offered by other leading colleges and universities. It is particularly well suited for students planning careers in law, public policy, business, or any other field in which a thorough understanding of economics is beneficial. Students in the policy concentration can pursue a Ph.D. in economics or finance if they supplement their course work with additional courses in mathematics.

The policy concentration requires at least ten courses (40 points) in the Department of Economics.

Seven core courses are required:

- Introduction to Macroeconomics (ECON-UA 1)
- Introduction to Microeconomics (ECON-UA 2)
- Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11)
- Intermediate Macroeconomics (ECON-UA 12) or Macroeconomic Analysis (ECON-UA 13)
- Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20)
- One course chosen from International Economics (ECON-UA 238), Urban Economics (ECON-UA 227), or Money and Banking (ECON-UA 231)
- Introduction to Econometrics (ECON-UA 266)

Policy concentration majors must also take three electives in the department. Of these three electives, at most one can be numbered ECON-UA 200-299 and at least two must be numbered ECON-UA 300-399. With permission, students in the policy track will be allowed to take courses from the theory track.

A student may choose to take two out of the three courses International Economics (ECON-UA 238), Urban Economics (ECON-UA 227), or Money and Banking (ECON-UA 231). One of them will count toward the core course requirement (above), and the other will count toward the 200-level elective requirement.

Mathematics requirement: In addition to the ten ECON-UA courses noted above, policy concentration students must complete Mathematics for Economics I and Mathematics for Economics II (MATH-UA 131, 132; formerly MATH-UA 211, 212) with a C or better. Advanced Placement (or equivalent) credit in calculus cannot substitute for them and does not allow a student to place ahead in the two-semester sequence. We strongly recommend that students take Introduction to Microeconomics (ECON-UA 2) and Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) in the same semester. Note that Mathematics for Economics I is a prerequisite for Mathematics for Economics II.

Policy concentration majors are not required to take Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213). However, they may choose to take MATH-UA 133 as an ECON-UA 200-level elective.

Prerequisites: Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus), or its equivalent, or placement into either Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) is required for both Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2).

Introduction to Microeconomics (ECON-UA 2), Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211), and Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) are all required for Intermediate Microeconomics (ECON-UA 10).

Introduction to Macroeconomics (ECON-UA 1) and Intermediate Microeconomics (ECON-UA 10) are the prerequisites for Intermediate Macroeconomics (ECON-UA 12).
Theory Concentration

The theory concentration of the major in economics is intended for the student who wishes to begin the formal study of economic reasoning and master the analytical tools. This concentration relies on a higher level of abstraction and focuses on techniques of economic analysis rather than on the understanding of specific economic problems or institutions. It is particularly well suited for students who intend to pursue a Ph.D. degree in economics or higher degrees in quantitative fields such as finance.

The theory concentration requires at least ten courses (40 points) in the Department of Economics.

Six core courses are required:

• Introduction to Macroeconomics (ECON-UA 1)
• Introduction to Microeconomics (ECON-UA 2)
• Analytical Statistics (ECON-UA 20)
• Microeconomic Analysis (ECON-UA 11)
• Macroeconomic Analysis (ECON-UA 13)
• Introduction to Econometrics (ECON-UA 266)

Theory concentration majors must also take four electives in the department. Of these four electives, at most two can be numbered ECON-UA 200-299 and at least two must be numbered ECON-UA 300-399.

Mathematics requirement: In addition to the ten ECON-UA courses noted above, theory concentration students must complete Mathematics for Economics I and Mathematics for Economics II (MATH-UA 131, 132; formerly MATH-UA 211, 212) with a C or better. Advanced Placement (or equivalent) credit in calculus cannot substitute for them and does not allow a student to place ahead in the two-semester sequence. We strongly recommend that students take Introduction to Microeconomics (ECON-UA 2) and Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) in the same semester. Note that Mathematics for Economics I is a prerequisite for Mathematics for Economics II.

Theory concentration majors are not required to take Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) unless they are pursuing a joint major between economics and either computer science or mathematics; see below. However, they may choose to take MATH-UA 133 as an ECON-UA 200-level elective for the stand-alone economics major.

Prerequisites: Students must observe all prerequisites for courses in the theory concentration, as they will be strictly enforced. See course descriptions for prerequisites.

Joint Major in Economics and Computer Science

The prerequisite for declaring this major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. This is an interdisciplinary major (twenty-two courses/88 points) offered by the Department of Economics with the Department of Computer Science. Only those students that are following the theory track in economics are eligible to pursue this joint major.

The major has requirements in three departments, including mathematics. A grade of C or better is necessary in all courses used to fulfill joint major requirements; courses graded Pass/Fail do not count. Interested students should consult with the directors of undergraduate studies in both departments for additional information.

The economics requirements (nine courses/36 points) are as follows:

• Introduction to Macroeconomics (ECON-UA 1)
• Introduction to Microeconomics (ECON-UA 2)
• Microeconomic Analysis (ECON-UA 11)
• Macroeconomic Analysis (ECON-UA 13)
• Analytical Statistics (ECON-UA 20) or Mathematical Statistics (MATH-UA 234); students taking the MATH-UA 234 option must complete one additional ECON-UA elective (two total).
• Introduction to Econometrics (ECON-UA 266)
• Two ECON-UA theory electives at the 300 level
• One additional ECON-UA elective

The computer science requirements (nine courses/36 points) are as follows:

• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Operating Systems (CSCI-UA 202)
• Basic Algorithms (CSCI-UA 310)
• Plus four computer science electives at the 400 level. One of these electives may be replaced by Linear Algebra (MATH-UA 140), or by Strategic Decision Theory (ECON-UA 310), Advanced Microeconomic Theory (ECON-UA 365), or Topics in Economic Theory (ECON-UA 375).

The mathematics requirements (four courses/16 points) are as follows:

• Discrete Mathematics (MATH-UA 120)
• Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
• Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213)

**Joint Major in Economics and Mathematics**

A joint major (eighteen courses/72 points) is offered by the Departments of Economics and Mathematics. In the economics department, joint majors with mathematics must follow the theory concentration. Nine courses must be taken from each department. A grade of C or better is necessary in all courses used to fulfill joint major requirements; courses graded Pass/Fail do not count. Interested students should consult with the directors of undergraduate studies in both departments for additional information.

The economics requirements (nine courses/36 points) are as follows:

• Introduction to Macroeconomics (ECON-UA 1)
• Introduction to Microeconomics (ECON-UA 2)
• Microeconomic Analysis (ECON-UA 11)
• Macroeconomic Analysis (ECON-UA 13)
• Analytical Statistics (ECON-UA 20) or Mathematical Statistics (MATH-UA 234); students taking the MATH-UA 234 option must complete one additional ECON-UA elective (four total).
• Introduction to Econometrics (ECON-UA 266)
• Plus any three economics elective courses, at least two of which must be theory electives numbered ECON-UA 300-399.

Of the nine mathematics courses (36 points), the following five are required (note that students must choose one calculus track or the other and cannot mix courses from the two tracks; note further that the Mathematics for Economics sequence is the preferred sequence for this joint major):

• Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121)
• Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) or Calculus II (MATH-UA 122)
• Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) or Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
• Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)
• Four additional courses must be completed from the following choices: Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238); Mathematical Statistics (MATH-UA 234), Probability and Statistics (MATH-UA 235), Combinatorics (MATH-UA 240), Theory of Numbers (MATH-UA 248), Mathematics of Finance (MATH-UA 250), Mathematical Modeling (MATH-UA 251), Numerical Analysis (MATH-UA 252), Linear and Nonlinear Optimization (MATH-UA 253), Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268), Partial Differential Equations (MATH-UA 263), Chaos and Dynamical Systems (MATH-UA 264), Functions of a Complex Variable (MATH-UA 282), Honors Analysis II (MATH-UA 329), Algebra (MATH-UA 343) or Honors Algebra I (MATH-UA 348), Honors Algebra II (MATH-UA 349), Topology (MATH-UA 375), Differential Geometry (MATH-UA 377), Honors I (MATH-UA 393), Honors II (MATH-UA 394), Honors III (MATH-UA 397) or Honors IV (MATH-UA 398).
• Note that if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements.

Minor in Economics

Students may minor in economics in either the theory or policy concentration. A grade of C or better is required for a course to be counted toward the minor in economics. If a student fails a course required for the minor, the course must be retaken in the department; a course taken outside the University cannot be substituted for a failed course. No course for the minor may be taken as Pass/Fail.

Policy minor: At least 24 points (six courses) are to be taken in the Department of Economics, including Introduction to Macroeconomics (ECON-UA 1), Introduction to Microeconomics (ECON-UA 2), Statistics (ECON-UA 18), International Economics (ECON-UA 238), and two additional 4-point courses numbered ECON-UA 200-299. All prerequisites will be strictly enforced, including mathematics prerequisites. Note that Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211), or alternatively Calculus I (MATH-UA 121), is a prerequisite for Statistics (ECON-UA 18) but does not count toward the 24 points required for this minor.

Theory minor: At least six courses (24 points) are to be taken in the Department of Economics, including Introduction to Macroeconomics (ECON-UA 1), Introduction to Microeconomics (ECON-UA 2), Analytical Statistics (ECON-UA 20), either Microeconomic Analysis (ECON-UA 11) or Macroeconomic Analysis (ECON-UA 13), and any other two electives in the theory sequence for which the student has the prerequisites. All prerequisites (including any in MATH-UA courses) will be strictly enforced. Note that Math for Economics I (MATH-UA 131; formerly MATH-UA 211) and Math for Economics II (MATH-UA 132; formerly MATH-UA 212) are prerequisites for Analytical Statistics (ECON-UA 20), Microeconomic Analysis (ECON-UA 11), and Macroeconomic Analysis (ECON-UA 13), but do not count toward the 24 points required for the minor.

Honors Program in Economics

Honors may be taken in either the policy or the theory concentration of the major in economics. Honors students are required to participate in a year-long honors program in their senior year and
write a thesis under faculty supervision. Students interested in graduate or professional school are especially urged to pursue honors. Interested students must consult with the director of undergraduate studies for permission to enter the honors program. Ideally, students should speak to the economics department advisers early in their sophomore year to begin planning for honors.

A 3.65 overall GPA and a 3.65 average in economics courses are both required. Students who wish to obtain honors register for a three-course sequence beginning no later than the spring semester of their junior year: Introduction to Econometrics (ECON-UA 266), Honors Tutorial (ECON-UA 410), and Honors Thesis (ECON-UA 450). When seeking departmental approval to enroll in the Honors Tutorial (ECON-UA 410), each honors student must submit a plan of study indicating the electives he or she intends to enroll in. At least one advanced elective (ECON-UA 300-399) must be completed prior to, or concurrently with, the Honors Tutorial.

Honors students are required to take at least twelve courses (48 points), as outlined below.

**Honors in Policy Concentration**

- Introduction to Macroeconomics (ECON-UA 1)
- Introduction to Microeconomics (ECON-UA 2)
- Statistics (ECON-UA 18)
- Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11)
- Intermediate Macroeconomics (ECON-UA 12) or Microeconomic Analysis (ECON-UA 13)
- Introduction to Econometrics (ECON-UA 266)
- Four ECON-UA electives
  - At least two of these four electives must be 300-level electives, and one of the four must be chosen from International Economics (ECON-UA 238), Urban Economics (ECON-UA 227), or Money and Banking (ECON-UA 231)
- The two honors courses, Honors Tutorial (ECON-UA 410) and Honors Thesis (ECON-UA 450)

Note that honors students may not replace any of the four electives with either or both of the Honors Tutorial and Honors Thesis. Students pursuing honors are strongly encouraged, but not required, to take Advanced Econometrics (ECON-UA 402).

**Honors in Theory Concentration**

- Introduction to Macroeconomics (ECON-UA 1)
- Introduction to Microeconomics (ECON-UA 2)
- Analytical Statistics (ECON-UA 20)
- Microeconomic Analysis (ECON-UA 11)
- Macroeconomic Analysis (ECON-UA 13)
- Introduction to Econometrics (ECON-UA 266)
- Four ECON-UA electives (at least two of which must be 300-level electives)
- The two honors courses, Honors Tutorial (ECON-UA 410) and Honors Thesis (ECON-UA 450)

Note that honors students may not replace any of the four electives with either or both of the Honors Tutorial and Honors Thesis. Students pursuing honors are strongly encouraged, but not required, to take Advanced Econometrics (ECON-UA 402).

**Joint Honors Program in Economics and Mathematics**

Honors students are required to take twenty courses (80 points). A 3.65 overall GPA and a 3.65 average in economics and mathematics courses are required. Honors students must participate in a year-long research program in their senior year and write a thesis under faculty supervision. Students interested in graduate or professional school are especially urged to pursue honors.
Interested students must consult with the directors of undergraduate studies in both departments for advisement and for permission to enter the honors program. Ideally, students should speak to the Departments of Economics and Mathematics early in their sophomore year to begin planning for honors. Note that students may satisfy their research requirement with either the economics honors sequence (ECON-UA 410 and 450), mathematics Independent Study (MATH-UA 997 and 998), or the SURE or AM-SURE program in the Department of Mathematics.

The economics requirements (eleven courses/44 points) are as follows:

- Introduction to Macroeconomics (ECON-UA 1)
- Introduction to Microeconomics (ECON-UA 2)
- Microeconomic Analysis (ECON-UA 11)
- Macroeconomic Analysis (ECON-UA 13)
- Analytical Statistics (ECON-UA 20) if not taking Mathematical Statistics (MATH-UA 234)
- Introduction to Econometrics (ECON-UA 266)
- Plus any three economics elective courses, at least two of which must be theory electives numbered ECON-UA 300-399. Note that students who take MATH-UA 234 instead of ECON-UA 20 for the statistics requirement must take a total of four ECON-UA electives.
- The two honors courses, Honors Tutorial (ECON-UA 410) and Honors Thesis (ECON-UA 450); alternates: Independent Study (MATH-UA 997 and 998), or the SURE or AM-SURE programs in the Department of Mathematics.

The mathematics requirements (nine courses/36 points) are as follows:

- Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121)
- Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) or Calculus II (MATH-UA 122)
- Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) or Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Honors Analysis I (MATH-UA 238)
- Two electives from the following:
  - Theory of Probability (MATH-UA 233), or Honors Theory of Probability (MATH-UA 238) if not taken in the honors elective category (below)*
  - Mathematical Statistics (MATH-UA 234)*
  - Probability and Statistics (MATH-UA 235)*
  - Combinatorics (MATH-UA 240)
  - Theory of Numbers (MATH-UA 248)
  - Mathematics of Finance (MATH-UA 250)
  - Mathematical Modeling (MATH-UA 251)
  - Numerical Analysis (MATH-UA 252)
  - Linear and Nonlinear Optimization (MATH-UA 253)
  - Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268) if not taken in the honors elective category (below)
  - Partial Differential Equations (MATH-UA 263)
  - Chaos and Dynamical Systems (MATH-UA 264)
  - Functions of a Complex Variable (MATH-UA 282)
  - Topology (MATH-UA 375)
  - Differential Geometry (MATH-UA 377)
- Two honors electives from the following:
  - Honors Theory of Probability (MATH-UA 238)
Honors Ordinary Differential Equations (MATH-UA 268)
- Honors Analysis II (MATH-UA 329)
- Honors Algebra I and/or II (MATH-UA 348, 349)
- Honors I, II, III, and/or IV (MATH-UA 393, 394, 397, 398)

*Note that if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements.

COURSES

Some courses are designated either “P” or “T” (or both). “P” alone represents courses open only to students in the policy concentration; “T” alone represents courses open only to students in the theory concentration; and “P, T” represents courses that are open to students in either concentration. Students in the policy concentration can take courses in the theory concentration with permission of the instructor.

Students must pay careful attention to prerequisites, as they are strictly enforced in this sequential major, and should refer to Albert for up-to-date listings of 200 and 300 level elective course offerings each semester.

Introductory Core Courses

Introduction to Macroeconomics (P, T)
ECON-UA 1 Formerly Economic Principles I. Prerequisite: Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or placement into either Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121). Offered every semester. 4 points.

Focuses on the economy as a whole (the “macroeconomy”). Begins with the meaning and measurement of important macroeconomic data (unemployment, inflation, and production), then turns to the behavior of the overall economy. Topics include long-run economic growth and the standard of living; the causes and consequences of economic booms and recessions; the banking system and the Federal Reserve; the stock and bond markets; and the role of government policy.

Introduction to Microeconomics (P, T)
ECON-UA 2 Formerly Economic Principles II. Prerequisite: Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or placement into either Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121). Offered every semester. 4 points.

Focuses on individual economic decision-makers—households, business firms, and government agencies—and how they are linked together. The emphasis is on decision making by households and firms and how these decisions shape our economic life. Explores the different environments in which businesses sell their products, hire workers, and raise funds to expand their operations; the economic effects of trade between nations; and the effects of various government policies, such as minimum-wage legislation, rent controls, antitrust laws, and more.

Statistics (P)
ECON-UA 18 Prerequisite: Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121). Restrictions: not open to any student who has taken Analytical Statistics (ECON-UA 20); not open to seniors. Offered every semester. 4 points.

Provides a rigorous foundation in probability and statistics for students majoring in economics. Topics: introduction to random variables and probability distributions; relations between random variables; introduction to statistical estimation theory; properties of estimators; statistical inference; simple linear regression.

Intermediate Core Courses

Intermediate Microeconomics (P)
ECON-UA 10 Prerequisites: Introduction to Microeconomics (ECON-UA 2) and Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212). Not open to seniors. Offered every semester. 4 points.
How producers, consumers, and resource owners acting through the market determine the prices and output of goods, the allocation of productive resources, and the functional distribution of incomes. The price system as a network of interrelated decisions, with the market process serving to communicate information to decision makers.

**Microeconomic Analysis (P, T)**
ECON-UA 11  Prerequisites: Introduction to Microeconomics (ECON-UA 2), and either Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) or Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129). Not open to seniors. Offered in the fall. 4 points.

Rigorous examination of consumer choice, profit maximizing behavior on the part of firms, and equilibrium in product markets. Topics include choice under uncertainty, strategic interactions between firms in noncompetitive environments, intertemporal decision-making, and investment in public goods.

**Intermediate Macroeconomics (P)**
ECON-UA 12  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and either Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Not open to seniors. Offered every semester. 4 points.

Study of aggregate economic analysis with special attention paid to the determination of the level of income, employment, and inflation. Critically examines both the theories and the policies associated with them.

**Introduction to Econometrics (P, T)**
ECON-UA 266  Prerequisites: Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212), plus either Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20). Not open to any student who has taken Topics in Econometrics (ECON-UA 380). Offered every semester. 4 points.

Application of statistics and economic theory to problems of formulating and estimating models of economic behavior. Matrix algebra as the main tool of analysis. Acquaints students with basic estimation theory and techniques in the regression framework. Heteroskedastic errors and time-series data, instrumental variables estimation, and discrete choice models are also covered.

**Elective Courses: 200 Level**

**Economic History of the United States (P, T)**
ECON-UA 205  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.

Analytic survey of the structure of the U.S. economy. National income and its distribution; population and land; capital accumulation and development of financial institutions; labor and labor unions; technological change; the market, both domestic and foreign; and the economic effects of government policy.

**History of Economic Thought (P, T)**
ECON-UA 206  Formerly ECON-UA 106. Prerequisite: Introduction to Macroeconomics (ECON-UA 1). Offered every semester. 4 points.

Moves from mercantilism to the classical school’s main figures (Smith, Malthus, Ricardo, Mill, and others). Ends with Marx’s reaction to classical doctrines and the Marginalist Revolution of the late 19th century, which set the foundation of modern neoclassical economics. Topics: factors determining the value of commodities; principles that ought to govern the allocation of wealth; and theories of economic growth and historical change, including predictions about the future of capitalism.

**Ethics and Economics (P, T)**
ECON-UA 207  Prerequisite: Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.

Topics: the ethical presuppositions of modern economic theory (especially welfare economics), utilitarian ethics, the moral status of free exchange, the ethical implications of imperfect knowledge between bargaining parties, cost-benefit analysis and human rights, the economic content of the “general welfare,” and laissez-faire.

**Policy Ideas in the History of Economic Thought (P)**
ECON-UA 208  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.

Selected policy recommendations drawn from classical to present-day economic thought. Some of the thinkers are Adam Smith, Jeremy Bentham, John Stuart Mill, Philip Wicksteed, Arthur C. Pigou, John Maynard Keynes, Friedrich Hayek, and such modern behavioral economists as Richard Thaler. Policies and writers may vary each year. Topics range widely: the protection of domestic industry, use of taxes to deal with external effects, property rights, the government direction of investment, and alternatives to revealed preference as a welfare standard.
Financial Crises (P)
ECON-UA 225  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.
Examines various policy options that may prevent and mitigate financial crises and the restructuring of the global financial architecture to prevent or limit future crises. Focuses primarily on the United States and on the most recent financial crisis, but also treats earlier financial crises in the U.S. (such as the Great Depression) and past financial bubbles, such as the 17th-century Dutch tulip mania and the 1997 Asian crisis.

Urban Economics (P, T)
ECON-UA 227  Identical to SCA-UA 751. Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every semester. 4 points.
Urbanization trends, functional specialization, and the nature of growth within the city; organization of economic activity within the city and its outlying areas, the organization of the labor market; urban poverty; the urban public economy; housing and land-use problems; transportation problems; and special problems within the public sector.

Money and Banking (P, T)
ECON-UA 231  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every semester. 4 points.
Money supply; banking as an industry; banks as suppliers of money; the Federal Reserve System and monetary control; monetary theory; and contemporary monetary policy issues.

Poverty and Income Distribution (P, T)
ECON-UA 233  Prerequisite: Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.
Defines poverty and welfare. Analyzes who the poor are, why some people are rich and others poor, equality of opportunity, income and status, inequality, trends in the degree of inequality, government’s role in income distribution, and international comparisons of inequality.

International Economics (P)
ECON-UA 238  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every semester. 4 points.
Focuses on international trade in goods, services, and capital. Topics include gains from trade and their distribution; analysis of protectionism; strategic trade barriers; the trade deficit; exchange rate determination; and government intervention in foreign exchange markets.

Privatization (P)
ECON-UA 270  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.
Analyzes the principles and practices underlying the privatization of public enterprises and governmental functions. Evaluates the criticism directed at public ownership and examines an alternative to privatization: reforming state-owned enterprises and public administration. Topics: the roles of ownership and competition in stimulating efficiency, the implications of separation of ownership from management in distinguishing between private and public enterprises, conditions for successful divestiture programs, privatization’s employment impact, and contracting out of government services.

Topics in Economic Analysis I (P)
ECON-UA 290  Prerequisites: Introduction to Macroeconomics (ECON-UA 1) and Introduction to Microeconomics (ECON-UA 2). Offered every year. 4 points.
For departmental or visiting faculty who wish to give courses in fields that are not in the permanent course offerings. A specific topic presented in any one semester is unlikely to be repeated. Students may count only one such “topics course” for the major.

Politics and Finance: Honors Seminar (P)
ECON-UA 296  Identical to POL-UA 396. Prerequisites: Introduction to Microeconomics (ECON-UA 2), Power and Politics in America (POL-UA 300), a 3.5 GPA, and permission of the Department of Politics. Offered every year. 4 points.
Examines how legislation and regulation influence the structure of financial markets and how players in these markets intervene in the political process to create or modify legislative and regulatory outcomes. Particular emphasis is placed on the United States, with some international comparisons. A brief introduction to political theory is provided. The approach is similar to that used in microeconomics, except that transactions are made through voting institutions rather than through economic exchange.

Elective Courses: 300 Level

Note: Students must carefully check each ECON-UA 3## course description for co- and prerequisites. Several courses below either recommend or require Introduction to Econometrics (ECON-UA 266); this is noted in the appropriate course descriptions.

Game Theory and Strategy (P)
ECON-UA 309  Prerequisites: Intermediate Microeconomics (ECON-UA 10) and Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212). Offered every year. 4 points.
An applied overview of game theoretical concepts that emphasizes their use in real-world situations. Students develop tools that allow them to formally analyze outcomes in strategic situations and apply game theoretical analysis to a variety of disciplines.

**Strategic Decision Theory (T)**
ECON-UA 310  Prerequisite: Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
Introduction to noncooperative game theory. Focuses on a rigorous development of the basic theory with economic applications such as competition among oligopolists, how standards are set, auction theory, and bargaining. Topics: games in strategic form, Bayesian games, and games in extensive form.

**Industrial Organization (P)**
ECON-UA 316  Prerequisite: Intermediate Microeconomics (ECON-UA 10). Recommended co- or prerequisite: Introduction to Econometrics (ECON-UA 266). Offered every semester. 4 points.
How firms behave in imperfectly-competitive markets. Uses game theory to understand strategic decisions. Topics: price discrimination; peak load pricing; productivity; Bertrand, Cournot, and Hotelling oligopoly models; entry; mergers and merger regulation; monopoly regulation; patents; auctions; and two-sided platforms. Moves from theoretical and mathematical models to real-world data and problem sets.

**Market Structure and Performance (T)**
ECON-UA 317  Prerequisite: Microeconomic Analysis (ECON-UA 11). Recommended co- or prerequisite: Introduction to Econometrics (ECON-UA 266). Offered every other year. 4 points.
Relies extensively on game-theoretic tools to model strategic market behavior and econometric methods for testing hypotheses regarding firm conduct and market performance. Analyzes profit-maximizing business strategies of firms with market power, as well as strategic interactions among firms in various types of imperfectly competitive markets. Addresses both static modes of competition and dynamic competition in research and development and product design. Examines the scope of effective public policies designed to improve market performance.

**Risk and Fluctuation in Financial Markets (P, T)**
ECON-UA 320  Prerequisites: either Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11), and either Intermediate Microeconomics (ECON-UA 12) or Microeconomic Analysis (ECON-UA 13), and Introduction to Econometrics (ECON-UA 266). Offered every fall. 4 points.
Two approaches have dominated the global financial crisis discussion since 2008: rational expectations and behavioral finance. Introduces concept of uncertainty expectations, which recognize limits to what economists and market participants can know. Topics include reviewing survey data, coding information in narrative reports, the implications of alternative theoretical approaches and empirical evidence for finance reform, and limiting vulnerability to future crises.

**Economic Development (P, T)**
ECON-UA 323  Prerequisites for students in policy concentration: Intermediate Microeconomics (ECON-UA 10) and Intermediate Macroeconomics (ECON-UA 12). Prerequisites for students in theory concentration: Microeconomic Analysis (ECON-UA 11) and Macroeconomic Analysis (ECON-UA 13). Recommended co- or prerequisite: Introduction to Econometrics (ECON-UA 266). Offered every year. 4 points.
Economic underdevelopment in Asia, Latin America, and Africa. Macroeconomic topics: economic growth, income distribution, poverty, and underdevelopment as a circular, self-reinforcing trap. Microeconomic topics: markets for land, labor, and credit. Emphasizes market fragmentation, limited information, and incentive problems. Such international issues as trading patterns, capital flows, and global financial crises are studied from the viewpoint of developing countries.

**Monetary and Banking Theory (P, T)**
ECON-UA 331  Prerequisite: Intermediate Microeconomics (ECON-UA 10); or Microeconomic Analysis (ECON-UA 11) and Intermediate Macroeconomics (ECON-UA 12); or Macroeconomic Analysis (ECON-UA 13) and either Statistics (P) (ECON-UA 18) or Analytical Statistics (ECON-UA 20). Offered every year. 4 points.
Builds on intermediate-level courses in this area by focusing on the theoretical foundations of monetary exchange, the deeper determinants of asset demands, and the economic rationale for the existence of banks.

**International Finance Theory (P, T)**
ECON-UA 336  Prerequisite: Intermediate Microeconomics (ECON-UA 10); or Microeconomic Analysis (ECON-UA 11) and Intermediate Macroeconomics (ECON-UA 12); or Macroeconomic Analysis (ECON-UA 13). 4 points.
Financial and macroeconomic issues in international economics, the balance of payments, gold and other assets in international portfolios, exchange rate determination, problems of simultaneous achievement of internal and external policy goals, and interdependence of countries’ macroeconomic policies.
Ownership and Corporate Control in Advanced and Transition Economies (P, T)
ECON-UA 340  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
Particular attention is paid to the role of capital markets (takeovers and other shareholder control devices), banks and other financial institutions, and various corporate institutions (such as boards of directors and meetings of shareholders) in facilitating or hindering corporate control and the efficient allocation of resources.

Behavioral Economics (P)
ECON-UA 342  Prerequisite: Topics in Econometrics (ECON-UA 380), or both Microeconomic Analysis (ECON-UA 11) and Introduction to Econometrics (ECON-UA 266). Offered every year. 4 points.
Topics covered include prospect theory, mental accounting, other-regarding preferences, and hyperbolic discounting. We examine evidence of departures from the assumptions made in the canonical economic model and then ask how such departures can be formalized theoretically and how the resulting models can be tested empirically.

Political Economy (P, T)
ECON-UA 345  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
Analyzes the interplay of political science and economics. First focuses on the formal modeling of political behavior and political institutions: the theory of social choice (how groups of rational individuals make decisions) and collective action (how groups of rational individuals take action), then discusses the connection between politics and economics and investigates the effect of political variables on the determination of economic outcomes. Raises such questions as: How can special groups of individuals enhance their well-being by political action? What is lobbying? What is the effect of contributions on political outcomes?

Labor Economics (P, T)
ECON-UA 351  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Recommended co- or prerequisite: Introduction to Econometrics (ECON-UA 266). Offered every semester. 4 points.
Examines the determinants of wage and employment levels in perfect and imperfect labor markets, including the concept of education and training as human capital. Models of labor market dynamics are also examined, including those of job search and matching. The role of public policy in the functioning of labor markets is highlighted throughout.

Public Economics (P, T)
ECON-UA 353  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
In alternate years, stresses policy implications and the development of theory. Analysis of government economic policies and behavior. Normative and positive economics; the fundamental welfare theorems. What goods should the government provide (public goods)? When should the government tax private behavior (externality)? Income redistribution and the welfare program. Who pays the tax (tax incidence)? The role of debt policy. On what should taxes be levied (optimal taxation)?

Health Economics (P, T)
ECON-UA 354  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
Uses models and techniques from industrial organization, labor economics, information economics, public economics, and behavioral economics to understand the incentives of consumers, physicians, hospitals, insurance companies, and the government as they interact in healthcare markets. Identifies and models the various economic tradeoffs in the demand for, and provision of, healthcare, and analyzes government healthcare policy through the lens of economics.

Experimental Economics (P, T)
ECON-UA 360  Prerequisite: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11). Offered every year. 4 points.
Economics, like other sciences, can be a laboratory science in which economic theories are tested, rejected, and revised. Reviews the methodology of such laboratory experiments and investigates the use of experiments in a wide variety of fields. These include competitive markets, auctions, public goods theory, labor economics, game theory, and individual choice theory.

Elements of Financial Economics (T)
ECON-UA 363  Prerequisite: Microeconomic Analysis (ECON-UA 11). Restriction: open to students from the Stern School of Business only if FINC-UB 43 has not been taken. Offered every year. 4 points.
Offers a survey of financial decision-making theoretical models and financial market equilibrium. Topics include: applications of arbitrage pricing to interest rates and asset prices; the role of markets in the efficient allocation of risk sharing; dynamic asset strategies and the Black Scholes model; expected utility, risk aversion, and portfolio choice; and recursive dynamic models.
Advanced Microeconomic Theory (T)
ECON-UA 365 Prerequisite: Microeconomic Analysis (ECON-UA 11). Offered every other year. 4 points.
Introduces some of the main model-building techniques developed by microeconomists. Three basic topics are covered: the static theory of consumer behavior both in a certain world and in an uncertain world; the theory of general equilibrium; and the theory of dynamic optimization. The advanced mathematical techniques needed to understand the material are reviewed.

Markets with Frictions (P, T)
ECON-UA 366 Prerequisites: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11); Intermediate Macroeconomics (ECON-UA 12) or Macroeconomic Analysis (ECON-UA 13); and Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20). 4 points.
Considers the equilibrium and efficiency properties of markets in which there are information frictions (in the sense that market participants have limited information regarding the quality and price of various goods) and transaction frictions (in the sense that market transactions are carried out in a decentralized fashion). These frictions provide a simple explanation for unemployment, credit rationing, wage inequality, price dispersion, and other phenomena that cannot be understood in the context of the neoclassical framework.

Advanced Macroeconomics (P, T)
ECON-UA 367 Prerequisites: Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11); Intermediate Macroeconomics (ECON-UA 12) or Macroeconomic Analysis (ECON-UA 13); and Statistics (ECON-UA 18) or Analytical Statistics (ECON-UA 20), or permission of the instructor. Offered every year. 4 points.
Explores theoretical and empirical issues of central importance to macroeconomic research and policy. Topics include: economic growth, consumption and savings, investment, and business cycle fluctuations. Also explores the relationship between monetary policy and output, and optimal monetary policy. Examines the implications of macroeconomic theory for macroeconomic data. Readings include original research articles.

Financial Economics (P)
ECON-UA 368 Prerequisites: Intermediate Microeconomics (ECON-UA 10) and Intermediate Macroeconomics (ECON-UA 12). Restriction: not open to students from the Stern School of Business. Offered every year. 4 points.
Provides theoretical and practical tools for understanding the operation of financial markets, the meaning of risk, and its relation to financial return. Also develops concepts of systematic versus idiosyncratic risk, market efficiency, the equilibrium determination of interest rates both in the overnight, interbank lending market and in the market for corporate debt, term and default premia in the bond market, and average excess stock returns in the equity market.

Topics in Economic Theory (T)
ECON-UA 375 Prerequisites: Microeconomic Analysis (ECON-UA 11) and Macroeconomic Analysis (ECON-UA 13). Offered every year. 4 points.
Explores issues in economic theory using the tools learned in macroeconomics and microeconomics. Focuses on a particular issue each term.

Topics in Economic Analysis II (P)
ECON-UA 390 Prerequisites: Intermediate Microeconomics (ECON-UA 10) and/or Intermediate Macroeconomics (ECON-UA 12), depending on the topic. Offered every year. 4 points.
For departmental or visiting faculty who wish to give courses in fields that are not in the permanent course offerings. A specific topic presented in any one semester is unlikely to be repeated. Students may count only one such “topics course” toward the major.

Honors and Independent Study

Advanced Econometrics (P, T)
ECON-UA 402 Prerequisite: Introduction to Econometrics (ECON-UA 266). Offered every year. 4 points.
Designed for honors economics majors, but students not pursuing honors who satisfy the GPA requirements (3.65 overall and in economics courses) and meet the prerequisite are encouraged to enroll. Preparation for carrying out empirical research in economics, emphasizing the relationship between economic models and observable data. Covers nonlinear methods and a selection of topics in time-series data.

Honors Tutorial (P, T)
ECON-UA 410 Prerequisites: Intermediate Microeconomics (ECON-UA 10), Intermediate Macroeconomics (ECON-UA 12), and Introduction to Econometrics (ECON-UA 266); or Microeconomic Analysis (ECON-UA 11), Macroeconomic Analysis (ECON-UA 13), and Introduction to Econometrics (ECON-UA 266); a 3.65 GPA in the major and overall; and permission of the instructor. Restriction: open only to students in the honors track. Offered in the fall. 4 points.
Trains students to write on economic topics and perform economic analysis efficiently, as well as to develop theoretical skills. Serves as preparation for and prerequisite to Honors Thesis (ECON-UA 450). Students present papers on their original research, and must revise their work in response to student and instructor critique of the content and form of the paper as well as the presentation.
Honors Thesis (P, T)
ECON-UA 450  Prerequisites: Honors Tutorial (ECON-UA 410) and a 3.65 GPA in the major and overall. Restriction: open only to students in the honors track. Offered in the spring. 4 points.
Students interested in pursuing an honors thesis should meet with the director of undergraduate studies in the spring semester of their junior year.

Internship in Economics (P, T)
ECON-UA 997  Departmental permission required. Restrictions: internships may be taken for a maximum of two credits per semester in no more than two semesters; internship credit does not count toward major requirements, but does apply toward completion of the CAS degree. Offered every semester. 1 to 2 points per term.
Internship duties must significantly enhance students’ ability to apply economic principles in practice. For successful completion of an internship, the student must prepare a report in which they describe how the internship has enhanced their understanding of economics.

Independent Study (P, T)
ECON-UA 998  Prerequisites: either Intermediate Microeconomics (ECON-UA 10) or Microeconomic Analysis (ECON-UA 11), and either Intermediate Macroeconomics (ECON-UA 12) or Macroeconomic Analysis (ECON-UA 13); a 3.5 GPA; and permission of the director of undergraduate studies. Restrictions: no more than a total of 8 points of independent study may be taken; independent study does not count toward major requirements, but does apply toward completion of the CAS degree. Offered every semester. 1 to 4 points per term.
The student engages in intensive independent study of an important economic topic under the direction of a departmental faculty member. The results of the study are embodied in a report or paper to be specified by the instructor.
Dual-Degree Program in Engineering
(with the NYU Tandon School of Engineering)

cas.nyu.edu/engineering
726 Broadway, 7th floor
New York, NY 10003
212-998-8130

Director of the Program in the
College of Arts and Science
Clinical Professor Halpin (Chemistry)
Director of the Program in the
NYU Tandon School of Engineering
Associate Dean Voltz

Associate Director of the Program in the
College of Arts and Science
Melissa Nathanson

Assistant Director of the Program in the
NYU Tandon School of Engineering
Jennifer Piro

OVERVIEW

Since the fall of 2010, the College’s dual degree program with the NYU Tandon School of Engineering, formerly known as the Polytechnic School of Engineering, has offered highly qualified and motivated students who are technically oriented the opportunity to pursue both a liberal arts program with a major in science, mathematics, or computer science and a traditional engineering program. Upon completion of this five-year program, students receive both a B.S. degree from the College of Arts and Science and a B.S. degree from the NYU Tandon School of Engineering. Students with this combination of degrees are likely to find excellent employment opportunities.

The available dual degree combinations are as follows:
• B.S. in Biology/B.S. in Chemical and Biomolecular Engineering
• B.S. in Chemistry/B.S. in Chemical and Biomolecular Engineering
• B.S. in Computer Science/B.S. in Computer Engineering
• B.S. in Computer Science/B.S. in Electrical Engineering
• B.S. in Mathematics/B.S. in Civil Engineering
• B.S. in Mathematics/B.S. in Computer Engineering
• B.S. in Mathematics/B.S. in Electrical Engineering
• B.S. in Mathematics/B.S. in Mechanical Engineering
• B.S. in Physics/B.S. in Civil Engineering
• B.S. in Physics/B.S. in Computer Engineering
• B.S. in Physics/B.S. in Electrical Engineering
• B.S. in Physics/B.S. in Mechanical Engineering

Students in the program complete all of the CAS College Core Curriculum requirements, with the exception of the foreign language requirement, from which they are exempted. (Their required mathematics and science courses automatically satisfy the Core’s Foundations of Scientific Inquiry requirements.) There is usually some flexibility concerning the semester in which a given course can be taken. Detailed programs of study for each of the degree combinations are available on the program website for reference.

PROGRAM

Requirements

The dual-degree program is designed to meet the educational and career goals of students with strong interests in mathematics, science, and engineering. Students should have completed a
rigorous college preparation program, including mathematics (at least through trigonometry), chemistry, and physics.

Students typically begin the dual-degree program in the first semester of their first year, and they must be prepared to begin with Calculus I (MATH-UA 121) in the first semester of college. Given the highly structured curricula, joining the program after the first year is very difficult. Students must maintain satisfactory performance and must complete the required courses in a timely fashion to remain in the program.

The Program

Students in the dual-degree program spend their first three years of study primarily in the College of Arts and Science. In the first year at the College, the different curricula require many of the same foundational courses. This gives students time to consult with faculty in both CAS and the NYU Tandon School of Engineering before committing themselves to a particular dual-degree combination.

In the first three years of the program, students satisfy their College Core Curriculum requirements (except foreign language) and take some of the engineering courses in their field of interest. The first Tandon course that students take is Introduction to Engineering and Design (EG-UY 1003). The earliest students can enroll in EG-UY 1003 is the spring semester of their first year; it must be completed by the spring semester of their second year. By the end of the second year, students select a major area from the CAS disciplines of biology, chemistry, computer science, mathematics, and physics.

The final two years of study are undertaken at the NYU Tandon School of Engineering in downtown Brooklyn, across the East River and a short subway or shuttle bus ride from NYU’s Greenwich Village campus. Here, students complete the remaining technical courses required for their engineering major. Programs in engineering available to students in the dual-degree program include chemical and biomolecular engineering, civil engineering, computer engineering, electrical engineering, and mechanical engineering.

For lists of the CAS and Tandon courses that are required in each of the dual-degree combinations, as well as sample five-year plans of study, please consult cas.nyu.edu/engineering.

Students may elect to withdraw from the dual-degree program in engineering and complete only the College of Arts and Science Core and major requirements, thus earning one undergraduate degree from CAS. If students elect to withdraw from the dual-degree program and remain in CAS, they are no longer exempt from the CAS foreign language requirement and must factor this into their academic planning.

Also, if students elect to withdraw from the dual degree program and remain in CAS, any Tandon courses taken will count against each student’s 16-point allowance in the other divisions of NYU, and also cannot be applied toward the 64-point UA residency requirement.

COURSES

Students should first consult the lists of Tandon School of Engineering and College of Art and Science courses required for each of the dual-degree combinations and the recommended five-year plans of study at cas.nyu.edu/engineering.

Descriptions of the CAS courses in biology, chemistry, computer science, mathematics, and physics may be found in this Bulletin under their respective sections.
For descriptions of the Tandon courses in chemical and biomolecular engineering, civil engineering, computer engineering, electrical engineering, and mechanical engineering, consult the Tandon website and Bulletin.
OVERVIEW

The study of English and American literature provides the kind of training that is central to a liberal arts education and useful in all professions. By learning to read critically and write with analytical precision, students who major in English prepare themselves to participate actively in their culture while forging a lifelong, enriching relationship with literature.

The department offers two tracks in the major: the literature track and the creative writing track. Students take courses in a variety of historical periods as well as in a variety of topics and areas (such as literary history, critical theory, and literary culture). The major also provides opportunities for specialized research through seminars, independent study, and an honors program that culminates in the writing of a scholarly thesis during the senior year. In the major’s creative writing track, seniors can produce a special creative project in poetry, prose, or a hybrid genre. The department also offers its majors and minors a credit-bearing internship seminar for placements at magazines, publishers, literary agencies, and other organizations.

FACULTY

Professors Emeriti
Carruthers, Collins, Donoghue, Griffin, Halpern, Harper, Haverkamp, Lockridge, Maynard, Meisel, Nicholls, Poovey, Silverman, Siskin, Spear
Tiro A Segno Professor of Italian American Studies; Professor of English Hendin

University Professor; Professor of English Stimpson

Silver Professors; Professors of English Guillory, Young

Collegiate Professor; Professor of English and Drama Chaudhuri

Professors
Archer, Chaudhuri, Crain, Dinshaw, Eugenides, Fleming, Freedgood, Gilman, Gitelman, Guillory, Hayes, Hendin, Hoover, Landau, Komenyakaa, McHenry, McLane, McDowell, Momma, Olds, Parikh, Patell, Robson, Rust, Shaw, Smith, Stimpson, Young

Associate Professors
Augst, Baker, Deer, Garajawala, Lee, Mann, Noel, Posmentie, Regaignon, Sandhu, Vargo, Waterman, Watson

Assistant Professors
Hanson, Samalin, Sudhinaraset, Thakkar, Trujillo

Clinical Professor
Row

Clinical Associate Professors
Athanasakis, Waters, Woolf

Global Distinguished Professors
Hofmeyr, Rajan

PROGRAM

Advisement and General Information

Students interested in declaring the major in English should visit the department or contact either the director of undergraduate studies or the undergraduate administrator, Ms. Mary Mezzano (mary.mezzano@nyu.edu).
To declare the major, students should access the declaration form at the departmental website.

**Major in English and American Literature**

A minimum of ten 4-point courses (40 points), completed with a grade of C or better and distributed as follows:

- Introduction to the Study of Literature (ENGL-UA 101)
- Three of the following four courses:
  - Literatures in English I: Medieval and Early Modern Literatures (ENGL-UA 111)
  - Literatures in English II: Literatures of the British Isles and British Empire 1660-1900 (ENGL-UA 112)
  - Literatures in English III: American Literatures to 1900 (ENGL-UA 113)
  - Literatures in English IV: Twentieth and Twenty-first Century Literatures (ENGL-UA 114)
- One course in critical theories and methods. The following courses are typically used to fulfill this requirement: ENGL-UA 712, ENGL-UA 735.
- One course in British literature before 1800. The following courses are typically used to fulfill this requirement: ENGL-UA 143, ENGL-UA 310, ENGL-UA 320, ENGL-UA 410, ENGL-UA 445, ENGL-UA 450, ENGL-UA 512.
- One senior seminar. Students must complete the first four courses above (ENGL-UA 101, and three chosen from ENGL-UA 111-114) to be eligible to enroll in seminars. The following courses are used to fulfill this requirement: ENGL-UA 950-955; 960-965; and 970-976.
- Three additional ENGL-UA courses drawn from any combination of intermediate courses, advanced courses, or seminars.

**Major in English and American Literature, Track with a Specialization in Creative Writing**

A minimum of eleven 4-point courses and two 2-point courses (48 points), completed with a grade of C or better and distributed as follows:

- Introduction to the Study of Literature (ENGL-UA 101)
- Three of the following four courses:
  - Literatures in English I: Medieval and Early Modern Literatures (ENGL-UA 111)
  - Literatures in English II: Literatures of the British Isles and British Empire 1660-1900 (ENGL-UA 112)
  - Literatures in English III: American Literatures to 1900 (ENGL-UA 113)
  - Literatures in English IV: Twentieth and Twenty-first Century Literatures (ENGL-UA 114)
- Reading as a Writer (ENGL-UA 201)
- Either one course in critical theories and methods (typically chosen from ENGL-UA 712, ENGL-UA 735), or one course in British literature before 1800 (typically chosen from ENGL-UA 143, ENGL-UA 310, ENGL-UA 320, ENGL-UA 410, ENGL-UA 445, ENGL-UA 450, ENGL-UA 512).
- One senior seminar. Students must complete the first five courses listed above (ENGL-UA 101, three chosen from ENGL-UA 111-114, and ENGL-UA 201) to be eligible to enroll in seminars. The following courses are used to fulfill this requirement: ENGL-UA 950-955; 960-965; and 970-976.
- Two additional ENGL-UA courses, drawn from any combination of intermediate courses, advanced courses, or seminars.
- A creative capstone project with a Department of English faculty member (a creative writing project in poetry, prose, or a hybrid genre). Students enroll in both ENGL-UA 910 and 911 (2 points each).
- Two courses in Creative Writing. Creative Writing: Introduction to Fiction and Poetry (CRWRI-UA 815) is required, followed by one intermediate CRWRI-UA course.
Minor in English and American Literature

This is a five-course (20-point) minor. The requirements, all to be completed with a grade of C or better, are:

- Introduction to the Study of Literature (ENGL-UA 101)
- One of the following four courses:
  - Literatures in English I: Medieval and Early Modern Literatures (ENGL-UA 111)
  - Literatures in English II: Literatures of the British Isles and British Empire 1660-1900 (ENGL-UA 112)
  - Literatures in English III: American Literatures to 1900 (ENGL-UA 113)
  - Literatures in English IV: Twentieth and Twenty-first Century Literatures (ENGL-UA 114)
- Plus any three additional ENGL-UA courses.

Policies Applying to the Major and Minor

Courses used to satisfy requirements for the English major or minor may not be used to satisfy the requirements of any other major or minor. The only exception is for students in the creative writing major track who also have a minor in creative writing (they may double-count two courses between the major and minor). Independent study courses and internships do not count toward any of the department’s major or minor programs. Transfer students must complete at least half of the required courses for the major and minor programs at the College. All courses for the major must be completed with a C or better (Pass/Fail does not count).

ENGL-UA 101 is a prerequisite for ENGL-UA 111, 112, 113, and 114, but may be taken as a corequisite with permission of the department and/or instructor.

Honors Program

The requirements for graduating with honors in the major in English consist of:

- A 3.65 GPA, both overall and in the major.
- A senior capstone seminar chosen from ENGL-UA 950-955, ENGL-UA 960-965, and ENGL-UA 970-976, which serves as a prerequisite to both the Honors Thesis and Colloquium).
- Enrollment for two consecutive terms in Seniors Honors Thesis (ENGL-UA 925) and completion of a thesis (on a topic of the student’s choice) under the direction of departmental faculty.
- Concurrently with ENGL-UA 925: enrollment for two consecutive terms in the Senior Honors Colloquium for thesis writers (ENGL-UA 926).

December graduates begin the concurrent ENGL-UA 925 and 926 sequences in the spring term and complete them in the fall; May graduates begin the sequences in the fall and complete them in the spring. Applications and deadlines are available on the department’s undergraduate website and at the department offices.

Study Away

The Department of English encourages its majors to take advantage of NYU’s many opportunities for study away. NYU London offers courses that may be used to fulfill major requirements, as well as courses in British politics, creative writing, and the history of British art and architecture. A list of both ENGL-UA and non-ENGL-UA courses offered by the various NYU study away programs that may be counted toward specific requirements for the major can be found on the department’s website each term. English majors should consult a departmental adviser before making plans to study away.
COURSES

Core Courses for Majors and Minors

Offered every term. Required for all English majors: ENGL-UA 101, and three out of the following four courses: ENGL-UA 111, 112, 113, 114. Majors in the creative writing track must also take ENGL-UA 201 in addition to those four courses. Required for English minors: ENGL-UA 101 and one course chosen from ENGL-UA 111, 112, 113 or 114.

**Introduction to the Study of Literature**
ENGL-UA 101  Formerly Literary Interpretation (ENGL-UA 200). Prerequisite: completion of the College’s expository writing requirement. Restricted to declared and intended English majors and minors. 4 points.

Gateway course to the major that introduces students to the demands and pleasures of university-level investigation of English literature. Develops the tools necessary for advanced criticism: close-reading skills, knowledge of generic conventions, mastery of critical terminology, and skill at a variety of modes of analysis, from the formal to the historical. Also emphasizes frequent writing.

**Literatures in English I: Medieval and Early Modern Literatures**
ENGL-UA 111  Formerly British Literature I (ENGL-UA 210). Prerequisite (or corequisite with permission of the department and/or instructor): Introduction to the Study of Literature (ENGL-UA 101) or equivalent approved by the course instructor. 4 points.

Survey of English literature from its origins in the Anglo-Saxon epic through Milton. Close reading of representative works, with attention to the historical, intellectual, and social contexts of the period.

**Literatures in English II: Literatures of the British Isles and British Empire, 1660-1900**
ENGL-UA 112  Formerly British Literature II (ENGL-UA 220). Prerequisite (or corequisite with permission of the department and/or instructor): Introduction to the Study of Literature (ENGL-UA 101) or equivalent approved by the course instructor. 4 points.

Survey of literature in English from the British Isles and British Empire, from the Restoration through 1900. Close reading of representative works with attention to the historical, intellectual, and social contexts of the period.

**Literatures in English III: American Literatures to 1900**
ENGL-UA 113  Formerly American Literature I (ENGL-UA 230). Prerequisite (or corequisite with permission of the department and/or instructor): Introduction to the Study of Literature (ENGL-UA 101) or equivalent approved by the course instructor. 4 points.

Surveys the evolution of literary themes and forms from the period of European exploration through and beyond the Civil War, tracing distinctive traditions of writing and thinking that have shaped the development of modern literature and thought in the United States.

**Literatures in English IV: Twentieth and Twenty-first Century Literatures**
ENGL-UA 114  Prerequisite (or corequisite with permission of the department and/or instructor): Introduction to the Study of Literature (ENGL-UA 101) or equivalent approved by the course instructor. 4 points.

An overview of English-language literary production as it expands and diversifies from 1900 onward. Topics: international modernisms; literatures of imperialism, anti-colonialism, and diaspora; race, ethnicity, and representation; and the significance of English-language writing in an increasingly globalized cultural field.

**Reading as a Writer**
ENGL-UA 201  Prerequisite (or corequisite with permission of the department and/or instructor): Introduction to the Study of Literature (ENGL-UA 101) or equivalent approved by the course instructor. 4 points.

Creative and critical reading and writing as reciprocal activities. Theories and criticism of literature. Close attention to genre, style, and mode. Focus may vary by instructor.

Courses in Literature for Majors and Minors (Open to All Undergraduates)

The following courses are open to all undergraduates who have fulfilled the College’s expository writing requirement.

**Theory of Drama**
ENGL-UA 130  Identical to DRLIT-UA 130. 4 points.

Theories of meaning and theories of performance. Theories of meaning include semiotics, deconstruction, feminism, psychoanalysis, new historicism, and postmodernism. Theories of practice include naturalism, Dadaism, futurism, epic theatre, theatre of cruelty, poor theatre, and environmental theatre. Theories are examined through theoretical essays and representative plays.

**Drama in Performance in New York**
ENGL-UA 132  Identical to DRLIT-UA 300. 4 points.

Combines the study of drama as literary text with the study of theatre as its three-dimensional translation, both theoretically and practically. Drawing on the rich theatrical resources of New York City, students see approximately
twelve plays, covering classical to contemporary and traditional to experimental theatre. Readings include plays and essays in theory and criticism.

**Dante and His World**

ENGL-UA 143  Identical to MEDI-UA 801, ITAL-UA 160. 4 points.

See description in the medieval and Renaissance studies section of this Bulletin.

**Film as Literature**

ENGL-UA 170  Identical to DRLIT-UA 501. Offered every year. 4 points.

The development of the film as a major art form and its relationship to other art forms. Particular attention to the language of cinema, the director and screenwriter as authors, and the problems of translating literature into film, with extensive discussion of the potentials and limitations of each art form. Milestone films are viewed and analyzed.

**Writing New York**

ENGL-UA 180  Offered periodically. 4 points.

An introduction to the cultural history of New York through an exploration of fiction, poetry, plays, and films about the city, from Washington Irving to the present. Social and cultural backgrounds and issues.

**American Short Story**

ENGL-UA 240  Offered periodically. 4 points.

Study of theme and technique in the American short story. Content will vary from semester to semester. Please consult the department’s undergraduate website for further information.

**Shakespeare**

ENGL-UA 410  Identical to DRLIT-UA 225. Offered every year. 4 points.

A survey of Shakespeare’s major plays and poems, with attention to their historical, cultural, and theatrical contexts.

**English Renaissance Drama**

ENGL-UA 420  Formerly English Drama to 1642. Offered periodically. 4 points.

Reading of major non-Shakespearean drama, including plays by Marlowe, Jonson, Middleton, Webster, and others, with attention to both formal and historical questions. Issues of genre, gender and sexuality, status, degree, and nation.

**17th-Century English Literature**

ENGL-UA 440  Identical to MEDI-UA 440. Offered periodically. 4 points.

Introduction to the prose and poetry of the 17th century, an age of spiritual, scientific, and political crisis. Readings in Jonson, Donne, Bacon, Herbert, Marvell, Milton, Browne, and others.

**19th-Century British Novel**

ENGL-UA 530  Formerly English Novel in the 19th Century. Offered every year. 4 points.

Studies in the forms and contexts of the 19th-century British novel.

**20th-Century British Novel**

ENGL-UA 605  Formerly British Novel in the 20th Century. Offered periodically. 4 points.

Studies in the forms and contexts of the 20th-century British novel.

**20th-Century British and Anglophone Literature**

ENGL-UA 606  Offered periodically. 4 points.

Poetry, fiction, and drama since World War I. Selected major texts by modernist, postcolonial, and postmodern writers.

**American Fiction, 1900-1945**

ENGL-UA 635  Formerly American Fiction Before World War II. Offered periodically. 4 points.

Literary movements and social contexts in a period of remarkable innovation. Focus on realism, naturalism, modernism, and contemporary eclectic style. Novels by Theodore Dreiser, John Dos Passos, Willa Cather, Ernest Hemingway, F. Scott Fitzgerald, William Faulkner, Saul Bellow, and Ralph Ellison, as well as short fiction and critical and cultural essays.

**Post-1945 American Fiction**

ENGL-UA 640  Formerly American Fiction Since World War II. Offered periodically. 4 points.

Particular focus on the literary art and cultural meanings forged in a period of creative innovation and troubling uncertainty. Readings likely to include works by John Updike, E.L. Doctorow, Thomas Pynchon, Don DeLillo, Flannery O’Connor, Alison Bechdel, Marjane Satrapi, Tim O’Brien, Louise Erdrich, Phil Klay, Art Spiegelman, Amy Tan, Jonathan Lethem, and Junot Diaz.

**Literature and the Environment**

ENGL-UA 675  Identical to ANST-UA 475 and ENVST-UA 675. Topics determine prerequisites. 4 points.

Topics vary.

**Asian American Literature**

ENGL-UA 716  Formerly SCA-UA 301. Identical to COLIT-UA 301, SCA-UA 306. Offered every year. 4 points.

See description in the Asian/Pacific/American studies section of this Bulletin.

**Science Fiction**

ENGL-UA 728  Offered periodically. 4 points.

Contemporary science fiction as literature, social commentary, prophecy, and a reflection of recent and possible future trends in technology and society. Writers include Asimov, Ballard, Butler,
Clarke, Delany, Dick, Gibson, Heinlein, Herbert, Le Guin, Stephenson, and Sterling.

**Queer Literature**  
ENGL-UA 749  Identical to SCA-UA 482. 4 points.  
Study of notions of queerness and its relation to mainstream culture through detailed exploration of literary texts and other cultural productions in a variety of genres. Historical period and national focus (e.g., British, American, Commonwealth) may vary; please consult the department's undergraduate website for further information.

**Topics in Irish Literature**  
ENGL-UA 761  Identical to IRISH-UA 761. 4 points.  
See description in the Irish studies section of this Bulletin.

**Advanced Courses in Literature**

The following courses have departmental prerequisites (as noted below). Qualified nonmajors may enroll with the permission of the instructor.

**18th- and 19th-Century African American Literature**  
ENGL-UA 250  Identical to SCA-UA 783. Prerequisite: African American Literary Cultures (ENGL-UA 185) or Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.  
Survey of major autobiographies, fiction, and poetry from the early national period to the eve of the New Negro Renaissance. Writers include Equiano, Wheatley, Jacobs, Brown, Douglass, Harper, and Wilson.

**20th-Century African American Literature**  
ENGL-UA 251  Identical to SCA-UA 784. Prerequisite: African American Literary Cultures (ENGL-UA 185) or Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.  
Major fiction, poetry, autobiography, and drama from Du Bois’s *The Souls of Black Folk* (1903) to works by Toni Morrison and Claudia Rankine. Discussion of the Harlem Renaissance and its key figures, including Langston Hughes, and Zora Neale Hurston. Other writers may include Richard Wright, Ralph Ellison, James Baldwin, Amiri Baraka, and Jayne Cortez.

**Contemporary Black Literature**  
ENGL-UA 254  Formerly Contemporary African American Fiction. Identical to SCA-UA 786. Prerequisite: African American Literary Cultures (ENGL-UA 185) or Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.  
Study of the development of black literary expression and critical thought in late 20th- and early 21st-century writing.

**Medieval Literature in Translation**  
ENGL-UA 310  Identical to MEDI-UA 310. Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.  
Introduction to the culture and literature of the medieval world through translations of diverse texts written in Latin, French, German, Italian, Icelandic, and other vernacular languages. Texts are selected according to the theme or focus chosen by the instructor.

**Medieval Romance**  
ENGL-UA 311  Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.  
Study of how these tales of adventure, love, and magic both construct and deconstruct ideals of selfhood, masculinity, femininity, heterosexuality, nationality, geography, temporality, religion, spirituality, nature, and the function and performance of linguistic discourse. Consideration of other genres (saints’ lives, chronicles, travel writing, allegory, and exempla). Readings in Middle English and in translation.

**Introduction to Old English Language and Literature**  
ENGL-UA 315  Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.  
The grammar and vocabulary of this earliest surviving form of English. Topics: the heroic code; conversion and cultural syncretism; the rise of English national identity; monasticism and spirituality; the law and customs of the Anglo-Saxons; the Viking invasions and the Norman Conquest; and hybridity and multilingualism. Concludes with reading excerpts from *Beowulf* in the original and performing scenes from the poem.

**Chaucer**  
ENGL-UA 320  Identical to MEDI-UA 320. Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.  
Major poetry, with particular attention to *The Canterbury Tales*. General language training is provided. Special attention to Chaucer’s narrative skill, techniques of characterization, style, varieties of formal invention, and particular thematic preoccupations. Chaucer’s writing as a lens onto late medieval society and culture.

**Early Modern Literature**  
ENGL-UA 445  Identical to MEDI-UA 445. Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.  
Topic varies each term. Consult the department’s undergraduate website for further information.

**Milton**  
ENGL-UA 450  Identical to MEDI-UA 450. Prerequisite: Literatures in English I (ENGL-UA 111). Offered periodically. 4 points.
Emphasis on the major poems (Paradise Lost, Paradise Regained, and Samson Agonistes) with some attention to the early poems and the prose. Traces the poet’s sense of vocation, analyzes the gradual development of the Miltonic style, and assesses Milton’s position in the history of English literature, politics, and theology.

**Restoration and Early 18th-Century Literature**
ENGL-UA 500  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.
In 1660, the theatres reopened after nearly two decades of Puritan rule and prohibition, and the publishing trades boomed as never before. Topics: the birth of the novel and journalism; continuity and transformation of epic poetry, drama, the essay, and satire; and the emergence of professional women writers. Authors include John Dryden, Joseph Addison and Richard Steele, Alexander Pope, Jonathan Swift, Daniel Defoe, and Eliza Haywood.

**Mid- and Late 18th-Century British Literature**
ENGL-UA 501  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.
Explores a range of genres (the novel, journalism, drama, poetry, satire, essays, travel writing, and biography) in various contexts: the growth of London and other cities; colonies gained and lost; new scientific theories and discoveries; and Enlightenment challenges to authority. Authors include Samuel Richardson, Henry Fielding, Samuel Johnson, Thomas Gray, Richard Brinsley Sheridan, Ann Radcliffe, Francis Burney, and Jane Austen.

**Restoration and 18th-Century Drama**
ENGL-UA 505  Identical to DRLIT-UA 235. Prerequisite: Literatures in English I (ENGL-UA 111) or History of Drama and Theatre I (ENGL-UA 125). Offered periodically. 4 points.
Urban comedies and classical tragedies, closet dramas and box-office successes, propaganda pieces and broad satires, puritan reform and libertine excess. Playwrights may include John Dryden, Margaret Cavendish, George Etheredge, William Wycherley, Aphra Behn, John Milton, Thomas Otway, Joseph Addison, John Gay, and Henry Fielding.

**The 18th-Century British Writer**
ENGL-UA 515  Prerequisite: Literatures in English II (ENGL-UA 112). Offered every other year. 4 points.
Topic varies by term. Consult the department’s undergraduate website for further information.

**Major Victorian Writers**
ENGL-UA 525  Formerly Major British Writers: 1832-1870. Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.
Writers may include Thomas Carlyle, Emily Brontë, Lord Alfred Tennyson, Walter Pater, Charles Darwin, Elizabeth Barrett Browning, Robert Browning, Charles Dickens, Matthew Arnold, John Ruskin, Christina Rossetti, and Algernon Charles Swinburne.

**British Literature of Transition**
ENGL-UA 540  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.
Study of late Victorian and early modern literature and a reassessment of the notions of transition and modernity. Writers to be studied may include Thomas Hardy, Joseph Conrad, James Joyce, D.H. Lawrence, Virginia Woolf, Walter Pater, Oscar Wilde, Lytton Strachey, and T.S. Eliot.

**Topics in 19th-Century Literature**
ENGL-UA 545  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.
Topic varies each term. Consult the department’s undergraduate website for further information.

**19th-Century American Poetry**
ENGL-UA 550  Prerequisite: Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.
A survey of 19th-century American verse. Considers both popular (that is, forgotten) and acknowledged major poets of the period, with an eye toward discerning the conventions that bind them to and separate them from one another.

**19th-Century American Writers**
ENGL-UA 565  Prerequisite: Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.
Topic varies each term. Consult the department’s undergraduate website for further information.

**Modern Poetry in English**
ENGL-UA 600  Formerly Modern British and American Poetry. Prerequisite: Literatures in English II (ENGL-UA 112) or Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.
Readings from poets writing in English from roughly 1850 to 1930, such as Walt Whitman, Emily Dickinson, Thomas Hardy, Gerard Manley Hopkins, W.B. Yeats, Ezra Pound, Wallace Stevens, William Carlos Williams, Marianne Moore, Claude McKay, H.D., Mina Loy, Langston Hughes, and T.S. Eliot.

**Contemporary British and American Literature**
ENGL-UA 601  Prerequisite: Literatures in English I (ENGL-UA 111), Literatures in English II (ENGL-UA 112), or Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.
Readings in late 20th- and early 21st-century poetry and fiction.

**Contemporary British Literature and Culture**

ENGL-UA 607  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.

Studies in contemporary British fiction, exploring postwar British culture in an era of profound political and economic change and social upheaval. Examines a range of avant-garde, neorealist, postcolonial, and popular texts that challenge received notions of “Englishness.” Particular attention paid to the interaction between literature and other cultural forms, such as cinema, popular music, and sport.

**Modern British Drama**

ENGL-UA 614  Identical to DRLIT-UA 245. Prerequisite: Literatures in English II (ENGL-UA 112) or History of Drama and Theatre II (ENGL-UA 126). Offered periodically. 4 points.

Topics and focus vary. Playwrights may include: George Bernard Shaw, John Millington Synge, Sean O’Casey, Brendan Behan, John Osborne, Harold Pinter, Tom Stoppard, Edward Bond, Brian Friel, David Storey, David Hare, David Edgar, Howard Brenton, Pam Gems, Caryl Churchill, and Sarah Daniels.

**Transatlantic Modernism**

ENGL-UA 615  Prerequisite: Literatures in English II (ENGL-UA 112). Offered every year. 4 points.

Focus on works written between the two world wars, but may also consider earlier works as well as postmodern writing after 1945. Writers may include Virginia Woolf, T.S. Eliot, James Joyce, Ezra Pound, Djuna Barnes, Willa Cather, F. Scott Fitzgerald, and Ernest Hemingway.

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<tr>
<th>Course</th>
<th>Prerequisite</th>
<th>Periodicity</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>The Irish Renaissance</strong></td>
<td>ENGL-UA 621  Identical to IRISH-UA 621. Prerequisite: Literatures in English II (ENGL-UA 112). Offered every other year. 4 points.</td>
<td>Covers the tumultuous period from the fall of Charles Stuart Parnell, through the Easter Rising in 1916, and into the early years of national government in the 1930s. Readings in various genres (poetry, short story, novel, drama). Writers may include Oscar Wilde, W.B. Yeats, James Joyce, Lady Gregory, John Millington Synge, Sean O’Casey, Samuel Beckett, and Flann O’Brien.</td>
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<tr>
<td><strong>Irish American Literature</strong></td>
<td>ENGL-UA 622  Identical to IRISH-UA 622. 4 points.</td>
<td>From the 19th century to the present. Examines the literary responses of generations of Irish immigrants to the American experience. The works of writers such as Fitzgerald, O’Neill, O’Connor, O’Hara, and Kennedy are explored, as are the connections between ethnic and literary cultures.</td>
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<td><strong>James Joyce</strong></td>
<td>ENGL-UA 625  Prerequisite: Literatures in English II (ENGL-UA 112). Offered periodically. 4 points.</td>
<td>Study of James Joyce’s major works. Readings will span the entire oeuvre, from Dubliners to Finnegans Wake, with a detailed reading of Ulysses.</td>
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<td><strong>20th-Century American Writers</strong></td>
<td>ENGL-UA 626  Prerequisite: Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.</td>
<td>Topic varies each term. Consult the department’s undergraduate website for further information.</td>
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<tr>
<td><strong>20th-Century American Poetry</strong></td>
<td>ENGL-UA 630  Formerly American Poetry, 1900-present. Prerequisite: Literatures in English III (ENGL-UA 113). Offered periodically. 4 points.</td>
<td>Study of the development of 20th-century poetry.</td>
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<td><strong>Modern American Drama</strong></td>
<td>ENGL-UA 650  Identical to DRLIT-UA 250. Prerequisite: History of Drama and Theatre I (ENGL-UA 128), History of Drama and Theatre II (ENGL-UA 126), or Literatures in English III (ENGL-UA 113). Offered every other year. 4 points.</td>
<td>Study of the drama and theatre of America since 1900, including O’Neill, Glaspell, the Group Theatre, Wilder, Williams, Miller, Albee, Shepard, Mamet, Fornes, and Hwang.</td>
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<tr>
<td><strong>Irish Dramatists</strong></td>
<td>ENGL-UA 700  Identical to IRISH-UA 700, THEA-UT 603, DRLIT-UA 700. 4 points.</td>
<td>A study of the rich dramatic tradition of Ireland since the days of Yeats, Lady Gregory, and the fledgling Abbey Theatre. Playwrights covered include Synge, O’Casey, Beckett, Behan, Friel, Murphy, McGuinness, and Devlin. Issues of Irish identity, history, and postcoloniality are engaged alongside an appreciation of the poetic achievements and theatrical innovations that characterize this body of work.</td>
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<td><strong>The Postcolonial Writer</strong></td>
<td>ENGL-UA 708  Prerequisite: Introduction to the Study of Literature (ENGL-UA 101). Offered every other year. 4 points.</td>
<td>Study of the works of a single author (varies by semester), most often a recent Anglophone writer from one of Britain’s former colonies in Africa, South Asia, or the Caribbean. The postcolonial literary canon includes writers who have won international recognition, marked by awards like the Nobel Prize for Literature (Wole Soyinka, V. S. Naipaul, Derek Walcott) or the Man Booker Prize in Britain (Salman Rushdie, Arundhati Roy, Kiran Desai).</td>
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Major Texts in Critical Theory
ENGL-UA 712 Prerequisite: Introduction to the Study of Literature (ENGL-UA 101). Offered every semester. 4 points.
Study of the major texts in critical theory from Plato to Derrida, considered in terms of their historical development. Topics and thinkers associated with such modern movements as historicism, psychoanalytic criticism, feminism, queer theory, subaltern studies, postcolonial theory, deconstruction, affect theory, and eco-criticism.

Topics in Contemporary Literary Theory
ENGL-UA 735 Prerequisite: Introduction to the Study of Literature (ENGL-UA 101). Offered every year. 4 points.
Topic varies each term. Consult the department's undergraduate website for further information.

Representations of Women
ENGL-UA 755 Identical to SCA-UA 734.
Prerequisite: Introduction to the Study of Literature (ENGL-UA 101). Offered every other year. 4 points.
Study of literary representations of gender as they intersect class, race, nation, and sexuality. Readings will likely include works by Mary Wollstonecraft, Phyllis Wheatley, Charlotte Brontë, Virginia Woolf, Jean Rhys, Toni Morrison, and others.

History and Literatures of the South Asian Diaspora
ENGL-UA 721 Identical to HIST-UA 326, SCA-UA 313. Offered every year. 4 points.
Introduces the many and varied fictions produced by diasporic South Asians across the globe over the last 150 years in Australia, Africa, Europe, and the Caribbean. Explores the poetics and politics of immigration and draws on a wide range of media (including literature, cinema, and music). Particular attention to the diverse geographies of Asian migration: plantations, dance floors, restaurants, and call centers. Themes include coolietude, globalization, the impact of 9/11, and technoservitude.

Digital Literary Studies
ENGL-UA 731 Prerequisite: Introduction to the Study of Literature (ENGL-UA 101). Offered every year. 4 points.
How digital texts, resources, and media, and computational tools and methods are transforming literary studies. Topics: how access to online literary texts, criticism, scholarly resources, and archives affects the study of literature; new analyses of literary texts and new evidence for literary arguments that computational tools and methods make possible; how dispersed readers and scholars collaboratively produce knowledge; and the nature and significance of online forums and modes of communication (blogs, Twitter, Facebook, etc.).

Topics
ENGL-UA 800 Topics determine prerequisites. May be taken four times for credit as topics change. 4 points.
Topics vary based on the interests of faculty and students.

The Contemporary Literature Lab
ENGL-UA 995 May be repeated for credit. 2 points.
Bridges scholarly and professional training. Topics vary and include: literary publishing, forums for literary discussion and criticism, literary organizations and institutions, and the possibilities and challenges of writing scholarly literary criticism about contemporary literature.

Senior Seminars
All majors must take one of the following seminars. Topics vary by semester; consult the department's website for details. Prerequisites for all senior seminars: Introduction to the Study of Literature (ENGL-UA 101) and three of the following: Literatures in English I (ENGL-UA 111), Literatures in English II (ENGL-UA 112), Literatures in English III (ENGL-UA 113), Literatures in English IV (ENGL-UA 114), or permission of the instructor. Majors in the creative writing track must complete these four courses plus Reading as a Writer (ENGL-UA 201) before taking one of these seminars. Note: all were formerly listed as “Topics” courses.

Senior Seminar: Medieval Literature
ENGL-UA 950 Identical to MEDI-UA 953. 4 points.

Senior Seminar: Renaissance Literature
ENGL-UA 951 Identical to MEDI-UA 954. 4 points.

Senior Seminar: 17th-Century British Literature
ENGL-UA 952 Identical to MEDI-UA 955. 4 points.

Senior Seminar: 18th-Century British Literature
ENGL-UA 953 4 points.

Senior Seminar: 19th-Century British Literature
ENGL-UA 954 4 points.

Senior Seminar: 20th-Century British Literature
ENGL-UA 955 4 points.

Senior Seminar: Early American Literature
ENGL-UA 960 4 points.

Senior Seminar: 19th-Century American Literature
ENGL-UA 961 4 points.

Senior Seminar: 20th-Century American Literature
ENGL-UA 962 4 points.
Senior Seminar: African American Literature
ENGL-UA 963 4 points.

Senior Seminar: Emergent American Literatures
ENGL-UA 964 4 points.

Senior Seminar: Transatlantic Literature
ENGL-UA 965 4 points.

Senior Seminar: Critical Theories and Methods
ENGL-UA 970 4 points.

Senior Seminar: Dramatic Literature
ENGL-UA 971 4 points.

Senior Seminar: Genre Studies
ENGL-UA 972 4 points.

Senior Seminar: Interdisciplinary Study
ENGL-UA 973 4 points.

Senior Seminar: Poetry and Poetics
ENGL-UA 974 4 points.

Senior Seminar: World Literature in English
ENGL-UA 975 4 points.

Senior Seminar: New York Literature and Culture
ENGL-UA 976 4 points.

Creative Writing Track Capstone

Creative Writing Capstone Colloquium
ENGL-UA 911 Restricted to English majors in the creative writing track with an approved proposal. Prerequisites: the five core courses for this major track (ENGL-UA 101, 201, and three out of the following four courses: ENGL-UA 111, ENGL-UA 112, ENGL-UA 113, ENGL-UA 114); Creative Writing: Introduction to Fiction and Poetry (CRWRI-UA 815); and one intermediate level CRWRI-UA course. Corequisite: Creative Writing Capstone Colloquium (ENGL-UA 911). Offered in the spring. 2 points.

Students typically produce a novella, a poetry chapbook, a collection of short stories, or a work of a hybrid genre. Requires frequent conferences with the project director. Proposals, approved by the student's faculty advisor, must be submitted in advance of the registration period for the term in which the capstone project is to be conducted.

Creative Writing Capstone Colloquium

Honors Courses

Senior Honors Thesis
ENGL-UA 925 Identical to DRLIT-UA 926. Prerequisites: successful completion of the major's senior seminar requirement; a 3.65 GPA both overall and in the major; and permission of the director of undergraduate studies. Repeatable once for credit up to a maximum of 4 points. 2 points per term.

Two terms required of all honors students, taken concurrently with two terms of thesis writing (ENGL-UA 925). Meets approximately eight times each term.

Internship and Independent Study

Internship
ENGL-UA 980, 981 Prerequisite: permission of the department's internship director. Restricted to English majors and minors. May not be used to fulfill the minimum requirements of the major or minor. Graded Pass/Fail. 2 or 4 points per term, with a maximum of 8 total internship points allowed.

Requires a commitment of 8 to 15 hours of work per week in an unpaid position approved by the department's internship director. The intern's duties should involve some aspect of literary work, whether in research, writing, editing, or production. A written evaluation is solicited from the intern's supervisor. Grading based on internship seminar attendance, a final reflection paper, and other shorter assignments submitted to the department's internship director.

Independent Study
ENGL-UA 997, 998 Prerequisite: permission of the director of undergraduate studies. May not duplicate the content of a regularly offered course. Intended for qualified junior and senior English majors.
or minors, but may not be used to fulfill the minimum requirements of the major or minor. 2 or 4 points per term.

Requires a paper of considerable length and frequent conferences with the student’s director. The paper should show the student’s ability to investigate, collect, and evaluate material, and to reach conclusions that are discussed in a sound and well-written argument. Proposals, approved by the student’s faculty director, must be submitted to the director of undergraduate studies in advance of the registration period for the term in which the independent study is to be conducted.

Graduate Courses
Open to Undergraduate English Majors

Junior and senior English majors may take 1000-level ENGL-GA courses in the Graduate School of Arts and Science with permission from the director of undergraduate studies. Consult the department’s graduate website for descriptions of 1000-level courses being offered in a given term.
OVERVIEW

The Department of Environmental Studies aims to provide students with the breadth of understanding and skills necessary for resolving environmental questions and creating a sustainable future on scales ranging from local to global. It does so through integrated, problem-oriented study and a broad range of courses across disciplines and schools. The major and minor draw on NYU’s strong faculty base in Arts and Science (FAS), the Center for Atmosphere Ocean Science (CAOS, Courant Institute of Mathematical Sciences/FAS), the Center on Environmental and Land Use Law (School of Law), the M.A. Program in Bioethics (Faculty of Health), and the Environmental Conservation Education program (Steinhardt School of Culture, Education, and Human Development), as well as in the Wagner Graduate School of Public Service, the Stern School of Business, the Gallatin School of Individualized Study, and the School of Medicine.

The department offers opportunities to develop interests in a number of areas, including environmental science; environmental values, policy, and law; earth system science; public health; urban environmental problems; climate change; energy systems; environmental justice; and our complex relations with both domesticated and wild nature.

FACULTY

Professors Emeriti
Hoffert, Volk

Professors
Jamieson, Jerolmack, Rademacher

Associate Professors
Kanter, Jacquet, McDermid

Assistant Professors
Carlson, Hayek

Clinical Professors
Killilea, Schlottmann

Clinical Associate Professors
Athanassakis, Sebo, Wagner

Global Distinguished Professor
Kalantzakos

Associated Faculty
Appuhn (History)
Chaudhuri (English; Drama/Tisch)
Harpman (Gallatin)
Joachim (Gallatin)
Molotch (Sociology; Social and Cultural Analysis)
Nagle (Liberal Studies)
Rampino (Biology)
Stewart (Law)
Zimmerman (Wagner)

Affiliated Faculty
Allcott (Economics)
Cittadino (Gallatin)
Fagin (Journalism)
Holland (CAOS; Mathematics)
Iskander (Wagner)
Jeremijenko (Art and Art Professions/Steinhardt)
Jordan (College Core Curriculum)
Lejano (Teaching and Learning/Steinhardt)
Leou (Teaching and Learning/Steinhardt)
Liao (Bioethics)
Needham (History)

Pauluis (CAOS; Mathematics)
Rugg (Chemistry)
Schneider-Paolantonio (Biology)
Smith (CAOS; Mathematics)
Thurston (Medicine; Public Health)
Wirgin (Medicine; Environmental Health Sciences)
Wyman (Law)
Zwanziger (Physics)
Major

The major in environmental studies (ES) requires nine 4-point courses (36 points) as follows. Students should note that courses in other departments may carry prerequisites.

(1) Three 4-point ES core courses (12 points):
• Environmental Systems Science (ENVST-UA 100)
• Environment and Society (ENVST-UA 101 or SOCS-SHU 135)
• Environmental Studies Senior Seminar (ENVST-UA 900)

(2) One “methods of inquiry” course (4 points), chosen from:
• Introduction to Environmental Modeling (ENVST-UA 305)
• Environmental Quantitative Methods (ENVST-UA 310)
• Introduction to Conservation Analysis (ENVST-UA 320)
• Energy and the Environment (ENVST-UA 350)
• Fundamental Dynamics of Earth’s Atmosphere and Climate (ENVST-UA 360)
• Geographic Information Systems for Ecology (ENVST-UA 372; identical to BIOL-UA 64)
• Environmental Qualitative Methods (ENVST-UA 424)
• Biostatistics (BIOL-UA 42)
• Quantitative Reasoning: Elementary Statistics (CORE-UA 105)
• Quantitative Reasoning: Problems, Statistics, and Decision-Making (CORE-UA 107)
• Quantitative Methods in Political Science (POL-UA 800)
• Statistical Reasoning for the Behavioral Sciences (PSYCH-UA 10)
• Research Methods in Sociology (SOC-UA 301)
• Quantitative Analysis for Public Policy (UPADM-GP 111)

(3) One “governance” course (4 points), chosen from these CAS courses (or from a fuller list including courses in other NYU schools and at NYU study away sites, available from the department):
• Introduction to Marine Ecology and Conservation (ENVST-UA 323)
• Climate Politics: When Policy meets Reality (ENVST-UA 407)
• Environmental Economics (ENVST-UA 410)
• Science in Environmental Policy (ENVST-UA 422)
• History of United States Environmental Policy (ENVST-UA 423)
• Environmental Governance (ENVST-UA 435)
• Global Environmental Politics (ENVST-UA 445)
• Environmental Activism (ENVST-UA 485)
• Economics of Energy and the Environment (ECON-UA 326)
• Public Economics (ECON-UA 353)
• Public Policy (POL-UA 306)
• Controversies in Public Policy: Logic and Evidence (POL-UA 315)
• Private Influence in Public Policy (POL-UA 341)
• Bureaucracy and Public Policy Politics (POL-UA 350)
• International Politics (POL-UA 700)
• Diplomacy and Negotiation (POL-UA 720)
• International Organization (POL-UA 730)
• Political Engineering: The Design of Institutions (POL-UA 810)

(4) Four 4-point elective courses (16 points), chosen in consultation with a departmental adviser. Internship in Environmental Studies (ENVST-UA 800) may count as one of the four electives.
Please note that elective courses are not necessarily offered every year and may carry prerequisites. Some ENVST-UA courses are cross-listed and originate in other departments. Below is a partial list of acceptable electives in CAS; for a full list that includes courses in the other divisions of NYU (both undergraduate and graduate), contact the department.

The categories below are designed to support concentrations that students may choose within the ES major. Electives do not need to be restricted to any one category or distributed across the three categories.

(4A) Environmental sciences:
- Evolution of the Earth (ENVST-UA 210)
- Climate Change (ENVST-UA 226 or 9226)
- Topics in Environmental Science (ENVST-UA 250)
- Metapatterns from Quarks to Culture (ENVST-UA 254)
- Where the City Meets the Sea (ENVST-UA 275)
- Advanced Topics in Environmental Science (ENVST-UA 300)
- Environmental and Molecular Analysis of a Disease (ENVST-UA 315)
- Introduction to Marine Ecology and Conservation (ENVST-UA 323)
- Fundamentals of Ecology (ENVST-UA 325)
- New York Underground (ENVST-UA 327)
- Food Production and Climate Change (ENVST-UA 331)
- Current Topics in Earth System Science: Mass Extinctions, Geologic Processes, and Evolution (ENVST-UA 332)
- Limits of the Earth: Issues in Human Ecology (ENVST-UA 333)
- Earth System Science (ENVST-UA 340)
- The Global Carbon Cycle (ENVST-UA 345)
- Energy and the Environment (ENVST-UA 350)
- Biogeochemistry of Global Change (ENVST-UA 370)
- Geographic Information Systems for Ecology (ENVST-UA 372)
- Special Topics: Introduction to Fluid Dynamics (ENVST-UA 380)
- Climate and Life (ENVST-UA 385)
- Urban Ecology (ENVST-UA 390)
- Field Laboratory in Ecology (BIOL-UA 16)
- Introduction to Ecology (BIOL-UA 63)
- Physical Science: Energy and the Environment (CORE-UA 203)
- Life Science: Lessons from the Biosphere (CORE-UA 311)

(4B) Environmental values and society (ethics, history, politics):
- Ethics and the Environment (ENVST-UA 400)
- Climate Change and Environmental Justice (ENVST-UA 405)
- Environmental Economics (ENVST-UA 410)
- Environmental History of the Early Modern World (ENVST-UA 415)
- Environmental History of New York City (ENVST-UA 420)
- Science in Environmental Policy (ENVST-UA 422)
- History of United States Environmental Policy (ENVST-UA 423)
- Environmental Governance (ENVST-UA 435)
- Food, Animals, and the Environment (ENVST-UA 440)
- Global Environmental Politics (ENVST-UA 445)
- Topics in Environmental Values and Society (ENVST-UA 450)
- Business and the Environment (ENVST-UA 465)
- Climate and Society (ENVST-UA 470)
• Topics in Environmental Values and Society (ENVST-UA 475)
• Environmental Justice and Inequality (ENVST-UA 480)
• Urban Political Ecology (ENVST-UA 490)
• Journalism and Society: Covering the Earth (ENVST-UA 503)
• Readings in Contemporary Literary Theory: Eco-Criticism (ENVST-UA 510)
• Making Art in the Anthropocene: Project on Ecology, Species, and Vibrant Matter (ENVST-UA 593)
• Animals and Society (ENVST-UA 610)
• Animals and Public Policy (ENVST-UA 630)
• Literature and the Environment (ENVST-UA 675)
• Internship in Environmental Studies (ENVST-UA 800)
• Economics of Energy (ECON-UA 326)
• History of European Environmental Sciences (IDSEM-UG 1566)
• Green Design from Geddes to Gore (IDSEM-UG 1627)
• Think Big: Global Issues and Ecological Solutions (IDSEM-UG 1628)
• History of Environmental Sciences (IDSEM-UG 1892)
• NYC Coastlines: Past, Present, and Future (IDSEM-UG 2004)
• Environmental Racism and Injustice: Rights, Citizenship, and Activism (IDSEM-UG 2114)
• Cultures of Energy and the End of Fossil Fuels (IDSEM-UG 2123)

(4C) Planning, cities, and transportation:
• Urban Environmentalism (ENVST-UA 431)
• Urban Greening Lab: New York (ENVST-UA 495)
• Environmental Design: Issues and Methods (ARTH-UA 672)
• Cities in a Global Context (SCA-UA 602)

Minor

The minor in environmental studies requires five 4-point courses (20 points):
• Environmental Systems Science (ENVST-UA 100)
• Environment and Society (ENVST-UA 101 or SOCS-SHU 135)
• Three courses from the list of ES major electives

Policies Applying to the Major and Minor

A course cannot satisfy more than one requirement for the environmental studies major or minor. Students must earn a C or better in all courses for the major or minor. Pass/Fail courses cannot count toward the major or minor. Transfer students must complete at least half of the major or minor at NYU.

Completion of the major in environmental studies satisfies the Societies and the Social Sciences component of the College Core Curriculum. However, completion of the minor does not satisfy this requirement. Environmental Quantitative Methods (ENVST-UA 310) fulfills the Quantitative Reasoning requirement in the Foundations of Scientific Inquiry component of the College Core Curriculum. In addition, Where the City Meets the Sea: Studies in Coastal Urban Environments (ENVST-UA 275) fulfills the Life Science requirement in the Foundations of Scientific Inquiry component of the College Core Curriculum.

Many courses approved for the major and minor in ES are outside of the College of Arts and Science. CAS students may take up to 16 points outside the College and apply them to their degree. To request additional non-CAS credits beyond the 16-point limit, students must consult
with the College of Arts and Science Advising Center (726 Broadway, 7th floor; 212-998-8130; cas.nyu.edu/academic-standards/petitions).

No non-CAS courses can count toward the 64 credits that internal or external transfer students are required to complete in CAS (-UA) courses, even if they are approved for the major or minor in ES.

To declare a major or minor in environmental studies, contact the adviser for environmental studies at environmental.studies.advising@nyu.edu or visit the department.

Honors Program

Students who maintain a GPA over 3.65 (both in the major and overall) and complete the Honors Seminar in Environmental Studies (ENVST-UA 950) are eligible for departmental honors. Consult the department for more information.

COURSES

Core Courses

ENVST-UA 100, 101, and 900 are required for the major in environmental studies; ENVST-UA 100 and 101 are required for the minor.

Environmental Systems Science

ENVST-UA 100  Offered every fall. Hayek, Killilea, McDermid. 4 points.
Survey of critical issues, including: human population; global chemical cycles; ecosystems and biodiversity; endangered species and wildlife; nature preserves; energy flows in nature; agriculture and the environment; fossil fuels to renewable forms; Earth’s waters and atmosphere; carbon dioxide and global warming; urban environments; wastes; paths to a sustainable future. Covers demanding material to prepare students for upper-level courses.

Environmental Studies Senior Seminar

ENVST-UA 900  Prerequisites: open only to senior ES majors who have completed both Environmental Systems Science (ENVST-UA 100) and Environment and Society (ENVST-UA 101 or SOCS-SHU 135). Offered every semester. 4 points.
Integrates environmental research and professional practice into the senior year experience, teaches critical and integrative thinking, and enhances community and cohort building.

Elective Courses

Evolution of the Earth

ENVST-UA 210  Idential to BIOL-UA 2. Offered in the spring. Rampino. 4 points.
The large-scale structure and history of the universe and origins of stars and planets; the origin of the earth; geological and climatological history; origin and history of life; evolution and natural selection; and the origin of intelligence.

Climate Change

ENVST-UA 226  Offered in the spring. McDermid. 4 points.
The nature of energy and fossil fuels; the growth of population and energy consumption per capita; weather and climate; ice ages and their astronomical cause; the greenhouse effect; evidence for abrupt climate changes in the past and their human impact; modeling and prediction of climate change; the environmental and social consequences of unchecked global warming; and possible solutions.

Topics in Environmental Science

ENVST-UA 250  Offered every other year. 4 points.
Topics vary. May include environmental systems, design, planning, monitoring, and modeling.

Where the City Meets the Sea

ENVST-UA 275  Identical to BIOL-UA 140. Offered in the spring. Killilea. 4 points.
Uses the built and natural environments
of coastal cities as laboratories to examine the environmental and ecological implications of urban development in coastal areas. Student teams use field-based studies and Geographic Information System (GIS) data to examine patterns and processes operating in coastal cities. Offered simultaneously at NYU New York and NYU Abu Dhabi, and students collaborate extensively with students from their sister campus.

Advanced Topics in Environmental Science
ENVST-UA 300  Prerequisite: Environmental Systems Science (ENVST-UA 100). Offered every year. 4 points.
Topics vary. May include environmental systems, design, planning, monitoring, and modeling.

Introduction to Environmental Modeling
ENVST-UA 305  Prerequisite: Environmental Systems Science (ENVST-UA 100) and knowledge of algebra and basic statistics. Offered in the fall. 4 points.
Utilizes a systems dynamics modeling platform (STELLA). Causal modeling and the representation of systems as a set of processes, basic numerical methods, model development in STELLA, and analytical approaches to make inferences from model results. No coding experience is necessary.

Environmental Quantitative Methods
ENVST-UA 310  Prerequisite: Environmental Systems Science (ENVST-UA 100). Offered in the fall. McDermid. 4 points.
Collection, analysis, and interpretation of environmental data and modeling results. Considers identification of significant trends and changes in data.

Environmental and Molecular Analysis of a Disease
ENVST-UA 315  Identical to BIOL-UA 500. Prerequisite: Fundamentals of Ecology (ENVST-UA 325, identical to BIOL-UA 63).
Killilea. 4 points.
The environmental determinants of disease vectors and the molecular techniques used to measure prevalence of a pathogen in these vectors. Students conduct a semester-long research project to determine the prevalence of Borrelia burgdorferi (the Lyme disease causative agent) in tick populations from local forests. Combines field collection, lab work, and epidemiological models.

Introduction to Conservation Analysis
ENVST-UA 320  Prerequisite: Environmental Systems Science (ENVST-UA 100) or Principles of Biology II (BIOL-UA 12). Carlson. 4 points.
Critically explores current and past biodiversity conservation problems and proposed or attempted solutions through a quantitative modeling lens. Students apply several modeling techniques used to measure and address biodiversity loss to diverse species, ecosystems, global regions, spatial and temporal scales, and anthropogenic impacts.

Introduction to Marine Ecology and Conservation
ENVST-UA 323  Prerequisite: Environmental Systems Science (ENVST-UA 100). Jacquet. 4 points.
Ecological relationships between marine organisms and their environment. Anthropogenic impacts (overexploitation, pollution, invasive species, climate change) and proposed and tested solutions for these problems.

Fundamentals of Ecology
ENVST-UA 325  Identical to BIOL-UA 63. Prerequisite: Environmental Systems Science (ENVST-UA 100). Schneider-Paolantonio. 4 points.
 Presents basic ecological principles and concepts, including ecological relationships within ecosystems, energy flow, biogeochemical cycles, limiting factors, community ecology, population ecology, niche, climax, and major ecological habitats. These topics are related to current environmental problems such as habitat destruction, climate change, biological invasions, loss of biodiversity, and overpopulation. Several field trips are scheduled during the regular class periods.

New York Underground
ENVST-UA 327  Prerequisite: Environmental Systems Science (ENVST-UA 100) or Principles of Biology II (BIOL-UA 12). Schneider-Paolantonio. 4 points.
Life and resources underneath New York City, considered under four headings: water, energy, transportation, and biology. Examines the mechanics, history, and significance of the infrastructure and explores the biotic components of this unique and fascinating subterranean environment. Field trips are scheduled throughout the semester.

Evidence-Based Conservation
ENVST-UA 330  Prerequisite: Environmental Systems Science (ENVST-UA 100). 4 points.
Encouraged for students interested in learning about the science of environmental problem solving. Topics: major drivers of planetary change, including habitat loss, overexploitation, invasive species, pollution, and climate change, human impacts on the deep sea, and even the rise of human-made debris in outer space.

Food Production and Climate Change
ENVST-UA 331 Prerequisite: Environmental Systems Science (ENVST-UA 100). Offered every year. McDermid. 4 points.
How humans have modified the environment to meet increasing food demand; effects of climate change and variability on growth and harvesting of
crops, and how these effects vary across geographic, economic, and even gender space; the environmental footprint and efficacy of emerging food movements; and alternative future food production trajectories and their environmental, socio-economic, and nutritional impacts.

**Current Topics in Earth System Science**

ENVST-UA 332 Prerequisite: Earth System Science (ENVST-UA 340) or Evolution of the Earth (ENVST-UA 210) or Life Science: Earth, Life, and Time (CORE-UA 312). Offered in the spring. Rampino. 4 points.

Students read, discuss, and report on original recent journal articles (as well as articles that take conflicting views) and texts that review the subject matter as already known. Current questions in both earth system science and biological evolution.

**Limits of the Earth: Issues in Human Ecology**

ENVST-UA 333 Prerequisite: Environmental Systems Science (ENVST-UA 100) or Principles of Biology I and II (BIOL-UA 11, 12). Volk. 4 points.

The dynamics of nature’s life-support systems and the past, present, and future of human dependency on those systems. Topics: energy, agriculture, water, population, consumption and waste production, and sustainability.

**Earth System Science**

ENVST-UA 340 Formerly ENVST-UA 200. Prerequisite: Environmental Systems Science (ENVST-UA 100). Offered in the fall. Rampino. 4 points.

Earth as a system entails interactions among the atmosphere, oceans, solid earth, and life. Geophysics and plate tectonics; circulation of the oceans and atmosphere; cycles of elements essential for life; and the coevolution of climate and life on earth over the past 4,500 million years. Current global environmental problems: the greenhouse effect from increasing atmospheric carbon dioxide and other gases, the effects of deforestation, and the depletion of the stratospheric ozone layer.

**The Global Carbon Cycle**

ENVST-UA 345 Prerequisite: Environmental Systems Science (ENVST-UA 100). Killilea, Volk. 4 points.

Examines the dynamics of marine and terrestrial ecosystems, the circulation of atmosphere and ocean, and the soil. To project the future of atmospheric CO2, we consider relationships among wealth, energy use, and CO2 emissions and explore how fossil fuel emissions are tied to the present and future trends of the global economy.

**Energy and the Environment**

ENVST-UA 350 Prerequisite: Environmental Systems Science (ENVST-UA 100). Offered in the spring. 4 points.

Utilizes the technical vocabulary of energy, including the concepts of work, energy, and power. Some basic chemistry and thermodynamics are introduced, permitting comparative analysis of energy systems. An introduction to life-cycle cost estimation is included, and associated environmental-impact calculations for energy systems are presented.

**Fundamental Dynamics of Earth’s Atmosphere and Climate**

ENVST-UA 360 Identical to MATH-UA 228. Prerequisite: Calculus I (MATH-UA 121) or equivalent with a B- or higher. Recommended: General Physics I (PHYS-UA 11) or equivalent; further coursework in calculus. Pauluis, Smith. 4 points.

The unifying principles of planetary fluid dynamics. Topics: global energy balance, convection and radiation (greenhouse effect), effects of planetary rotation (Coriolis force), structure of atmospheric circulation (Hadley cell and wind patterns), structure of oceanic circulation (wind-driven currents and thermohaline circulation), and climate and climate variability (including anthropogenic warming).

**Biogeochemistry of Global Change**

ENVST-UA 370 Identical to BIOL-UA 64. Prerequisite: Environmental Systems Science (ENVST-UA 100) or Principles of Biology I and II (BIOL-UA 11, 12). Killilea. 4 points.

Biological controls on the chemistry of the environment and geochemical regulation of ecological structure and function. Specific case studies in global biogeochemical changes (e.g., acid precipitation, nitrogen deposition, eutrophication of the oceans).

**Geographical Information Systems for Ecology**

ENVST-UA 372 Formerly At the Bench: Ecological Analysis with Geographical Information Systems. Identical to BIOL-UA 64. Prerequisite: Environmental Systems Science (ENVST-UA 100) or Principles of Biology II (BIOL-UA 12) or equivalent. Killilea. 4 points.

Geographic information systems (GIS) are computerized systems for the capture, storage, management, analysis, and display of geographically referenced data and their attributes. Coordinate systems, data transformations, spatial analysis, and accuracy assessment. Laboratory exercises analyze ecological data and examples and provide extensive hands-on experience with ArcGIS, a professional GIS software package.

**Climate and Life**

ENVST-UA 385 Prerequisite: Environmental Systems Science (ENVST-UA 100). McDermid. 4 points.

Designed to help students understand and explore the role of the biosphere in Earth’s systems and processes, with particular emphasis on the climate system. Explores key biosphere-climate
interactions and feedbacks, how they shape each other, and their evolving relationship from Earth’s beginning to the future. Analyzes Anthropocene influences on these biosphere-climate interactions, inclusive of future attempts to leverage these interactions in order to address global climate and environmental change.

**Urban Ecology**
ENVS-UA 390  Prerequisite: Fundamentals of Ecology (ENVS-UA 325). Schneider-Paolantonio. 4 points.

Cities are unique from other systems in terms of hydrology, temperature, noise, air quality, and many other abiotic factors. Investigates the consequences of urban constructs on ecological systems. Topics: nutrient cycling, organismal behavior and phenology, disease, drivers and patterns of biodiversity in urban systems, green spaces, urban planning, and the future of these expanding man-made landscapes.

**Ethics and the Environment**
ENVS-UA 400  Identical to PHIL-UA 53. Offered in the fall. 4 points.

Environmental philosophy encompasses questions in metaphysics, the philosophy of science, and the history of philosophy, as well as in such normative areas as ethics, aesthetics, and political philosophy. Presents basic concepts in value theory and introduces some major controversies.

**Climate Politics: When Policy Meets Reality**
ENVS-UA 407  Wagner. 4 points.

What is the optimal way to curb carbon emissions? Should we raise the price of fossil fuel, or subsidize low-carbon energy? What is the role of solar geoengineering? We discuss different climate policy objectives and policies throughout the semester, considering how they can be implemented politically.

**Environmental Economics**
ENVS-UA 410  Wagner. 4 points.

Develops some of the fundamental economic tools for environmental policy analysis and management. Economic principles as applied to environmental problems—often, though not exclusively, focused on climate change.

**Environmental History of the Early Modern World**
ENVS-UA 415  Identical to HIST-UA 115. Appuhn. 4 points.

The early modern period marks a moment of sudden and dramatic environmental change across the globe. Analyzes how this process unfolded, and treats basic problems in environmental history: the changing human relationship to the natural world; the relationship between environmental change and human societies; the importance of biotic exchange in world history.

**Environmental History of New York City**
ENVS-UA 420  Identical to HIST-UA 275. Needham. 4 points.

Topics from the 17th century to the present. Nature and natural forces as key components of historical change. Includes site visits to investigate the history of our and NYU’s immediate environment.

**Science in Environmental Policy**
ENVS-UA 422  Prerequisite: Environment and Society (ENVS-UA 101 or SOCS-SHU 135). Offered in the spring. Kanter. 4 points.

For a range of environmental issues we review how the science emerged and evolved over time, the different roles scientists played (from agenda setting to monitoring implementation), and the controversies that arose as the interests of scientists, policy-makers, and other stakeholders interacted.

**History of United States Environmental Policy**
ENVS-UA 423  Prerequisite: Environment and Society (ENVS-UA 101 or SOCS-SHU 135). Carlson. 4 points.

Addresses U.S. environmental policy through several lenses, including (1) a set of two introductory sessions in which students are introduced to key terminology, concepts, and orientations toward the domain of environmental policy; (2) a core series of sessions through which we survey how historical precedents have shaped contemporary U.S. environmental policies and programs.

**Environmental Qualitative Methods**
ENVS-UA 424  Prerequisite: Environment and Society (ENVS-UA 101 or SOCS-SHU 135). Rademaker. 4 points.

Explores the research methodology of ethnography as it is applied to environmental studies through the field of environmental anthropology. Close reading and analysis of ethnographies, with the aim of understanding how qualitative data allow for a more robust understanding of environmental change.

**Urban Environmentalism**
ENVS-UA 431  Identical to SCA-UA 631. Offered in the spring. Charles-Guzman. 4 points.

Environmental issues in cities and towns: their causes and how to remedy them. Larger questions about the relationship between human society and the natural world in the urban context. Utilizes the analytic tools of sociology and ideas from economics, political science, philosophy, geography, and natural science to develop a theoretical framework for understanding these issues.

**Environmental Governance**
ENVS-UA 435  Prerequisite: Environment and Society (ENVS-UA 101 or SOCS-SHU 135). Offered in the spring. Kanter. 4 points.

Major global environmental threats of
the 21st century: scientific justifications for action, institutions and policies formed and implemented to manage threats, and stakeholders involved in helping or hindering action.

**Food, Animals, and the Environment**
ENVST-UA 440  Identical to ANST-UA 440. Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135). Offered every spring. Schottmann. 4 points.

Studies human interaction with both food and animals and the environmental impacts and ethical issues that arise from such interaction. Focuses on the moral standing of animals, animals as food, and the environmental impacts of agriculture, transportation, and consumption.

**Global Environmental Politics**
ENVST-UA 445  Offered in the spring. 4 points.

Law, politics, and policy of issues and debates in energy, climate, biodiversity, food, and water. How environmental problems are solved and solutions enforced (or not).

**Topics in Environmental Values and Society**
ENVST-UA 450  Identical to ENVST-UA 9450 at NYU Shanghai and NYU Sydney. Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135) or permission of the instructor. Offered every semester. Jamieson, Jerolmack, Kanter, Rademacher, Schottmann, Sebo. 4 points. Topics vary.

Explores how societies understand and respond to climate change. Analyzes values, assumptions, and perceptions that contribute to our understanding of climate change. Topics: ethics, justice, and responsibility; definitions of nature; cost-benefit analysis and the precautionary principle; geoengineering; contrarianism; framing and communication; social engagement; and education.

**Climate and Society**
ENVST-UA 470  Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135); recommended: Climate Change (ENVST-UA 226). Offered in the fall. Schottmann. 4 points.

**Topics in Environmental Values and Society**
ENVST-UA 475  Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135) or permission of the instructor. Offered every semester. 1-3 points. Topics vary.

**Environmental Justice and Inequality**
ENVST-UA 480  Identical to SOC-UA 970. Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135). Offered in the spring. Jerolmack. 4 points.

Traces the origins of the uneven distribution of environmental problems and hazards across various communities and analyzes how environmental problems reflect and exacerbate social inequality. Surveys the historical emergence of the environmental justice movement and explores competing moral and political visions for achieving equal protection from environmental hazards (both natural and manmade).

**Business and the Environment**
ENVST-UA 465  Identical to ECON-UB 225. Jacquet. 3 points.

Broad overview of pressing questions regarding the relationship between business and the environment. Considers the major drivers of environmental change, the shifting roles of government and non-government organizations (NGOs), and areas where there may be business opportunities.

Explores the gap between aspirations for, and the enactment of, urban sustainability. How contests over environmental knowledge, sociocultural ideology, and discourse shape human engagement with urban nature, and in turn influence social and natural transformation.

**Urban Greening Lab: New York**
ENVST-UA 495  Prerequisite: Environment and Society (ENVST-UA 101 or SOCS-SHU 135). Offered every year. Rademacher. 4 points.

How New York’s historical and contemporary context have shaped the meaning, implementation, and social experience of environmental improvement. Seeks to integrate ecosystem ecology concepts, urban design principles, and social scientific sensibilities.

**Journalism and Society: Covering the Earth**
ENVST-UA 503  Identical to ENVST-UA 9503 at NYU Sydney and NYU Washington, D.C.; identical to JOUR-UA 503. Prerequisite: permission of the instructor. Offered every fall. Fagin. 4 points.

Traces the development of traditional environmental journalism from John Muir to John McPhee and examines how the field is adapting to a fast-changing media landscape. Issues of environmental advocacy, citizen media, issue framing, risk balancing, and the scientific process.

**Making Art in the Anthropocene: Project on Ecology, Species, and Vibrant Matter**
ENVST-UA 593  Identical to ANST-UA 393 and THEAT-UT 801. Not open to first-year students. Chaudhuri, Erti. 4 points.

Prior artistic training/practice is not required, but artistic and creative work is required. Examines “post-humanist” theories of species, ecology, and matter, as well as a variety of literary, cinematic, and visual art works reflecting them. Students use space, objects, movement, sound, imagery, and writing to explore...
the aesthetic implications of these theoretical ideas.

Animals and Society
ENVST-UA 610  Identical to ANST-UA 200 and SOC-UA 970. Jerolmack. 4 points.
How relationships with animals reflect and shape social life, culture, and how people think about themselves. Explores the myriad and contradictory positions that animals occupy in society and deconstructs the social origins of these seemingly natural categories. How humans and animals coordinate interaction without language.

Animals and Public Policy
ENVST-UA 630  Identical to ANST-UA 500. Offered every fall. Wolfson. 4 points.
Considers how public policy is created, how social change occurs, and the influence of science, government, business, and non-governmental organizations on animal-related policies, legislation, litigation, and consumer campaigns, as well the meaning of “animal rights” and the impact of the modern animal protection movement.

Literature and the Environment
ENVST-UA 675  Identical to ANST-UA 475 and ENGL-UA 675. Topics determine prerequisites. Athanassakis. 4 points.
Topics vary.

Internship in Environmental Studies
ENVST-UA 800  Prerequisites: open only to ES majors who have completed Environmental Systems Science (ENVST-UA 100) or Environment and Society (ENVST-UA 101 or SOCS-SHU 135). Offered every semester. Schlottmann. 4 points.
Experiential education and analysis in environment-related organizations including nonprofits, research institutes, and governmental organizations. Students and the internship adviser agree to specific goals and a schedule for achieving them. Interns meet collectively during the semester for discussion and brief reports. (Students may also choose the NODEP-UA 9981 internship at NYU Berlin, NYU Sydney, and NYU Washington, D.C.)

Honors Course
Honors Seminar in Environmental Studies
ENVST-UA 950  Open only to senior ES majors with a GPA of 3.65 both in the major and overall. Offered every spring. Jacquet, Rademacher. 4 points.
Students pursue independent research projects and workshop them under the supervision of a faculty member.
OVERVIEW

The Center for European and Mediterranean Studies (CEMS) offers an interdisciplinary major and minor focusing on patterns of contemporary politics, culture, and society or recent history in Europe and the Mediterranean region. Majors may elect to write a senior honors thesis where they work one-on-one with a CEMS faculty member to conduct research. Advanced knowledge of a European language and a semester of study in one of NYU’s European sites are required of all majors to help ensure a deeper understanding of a particular country in the European or Mediterranean region. The minor is open to all students, and is especially suited to majors in European languages, history, or the social sciences.

CEMS offers and supports a wide array of activities, including lectures, workshops, and conferences dealing with both Western and Eastern Europe and the Mediterranean region. Both the major and minor are designed for students seeking pre-professional training for careers in international business and finance, diplomacy, international law, and cultural organizations focusing on Europe and the Mediterranean. Alumni have also pursued graduate and Ph.D. studies in a variety of fields, as well as legal education.

FACULTY

Max Weber Chair for German and European Studies
Zittel

Professors
Fleming (History)
Geppert (History)
Wolff (History)

Associate Professors
Gross (History/European and Mediterranean Studies)
Shaw (European and Mediterranean Studies/Philosophy)

Faculty Fellow
Samara

Affiliated Faculty
Etmektsoglou (NYU Berlin)
Geroulanos (History)
Pehe (NYU Prague)

PROGRAM

Major: General Information

With the guidance of the European and Mediterranean studies adviser, students prepare a preliminary program outline at the time they declare their major. Although there are no formal tracks, courses are normally organized around the interests of a student in one of two ways:

• an emphasis on European and Mediterranean societies (past and present)—their challenges and policies;
• or an emphasis on European and Mediterranean cultures (past and present)—their ideas, values, and artistic and literary trends.

The program enables students to organize their courses around a practical or theoretical challenge in contemporary or historical European society or culture that is applicable to one or several countries. Examples of such challenges include: the changing impact of politics on culture and social cleavages; changing patterns of religious expression in Europe; literary expression and social change in Europe; the European approach to urban problems; migration and ethnicity in Europe; equality and inequality in Europe; and democratic transition in Europe. For honors track students, the challenge will serve as the basis for the senior honors thesis.

**Major: Program of Study**

Nine 4-point courses (36 points) beyond the introductory level that focus on Europe and the Mediterranean region must be completed with a C or better, as follows:

- Two courses in history
- Two courses in culture (literature, philosophy, art history, or cinema)
- Two courses in the social sciences (politics, anthropology, sociology, or economics)
- Two additional courses in any of the three preceding categories
- One advanced seminar, Contemporary Europe (EURO-UA 950), taken in the fall of senior year

Majors in European and Mediterranean studies must take one course above the intermediate level in a major European language other than English (such as French, Spanish, Portuguese, Italian, German, Greek, Russian, or Turkish). As an alternative, students may take a College of Arts and Science (CAS) placement exam and demonstrate proficiency above the intermediate level.

Majors are also required to complete at least one semester of study away.

**Minor**

All students minoring in European and Mediterranean studies must demonstrate proficiency in at least one European language above the intermediate level (such as French, Spanish, Portuguese, Italian, German, Greek, Russian, or Turkish), either by enrolling in a course or taking a College of Arts and Science (CAS) placement exam. They must also complete four 4-point courses (16 points) with a C or better as follows: one course in European history; one course in European culture (literature, philosophy, art history, or cinema); one course in social sciences (politics, anthropology, sociology, or economics); and one additional course in any of the three preceding categories. All course programs must be designed in consultation with the center’s undergraduate program adviser.

**Honors Program**

A degree in European and Mediterranean studies with honors is awarded to students who complete the nine courses (36 points) outlined above, who maintain a GPA of 3.65 (both overall and in the major), and who successfully complete original research leading to an honors thesis. The honors thesis, which counts as the tenth course for the major (40 points total), is researched and written while registered in Independent Study (EURO-UA 998) during the spring semester of the student’s senior year under the supervision of a program faculty member. The thesis topic and the faculty adviser are first chosen in consultation with the instructor of the advanced seminar Contemporary Europe (EURO-UA 950), taken during the fall semester of the student’s senior year. The average length of the thesis is 40-60 pages.
B.A./M.A. Program

This program offers qualifying majors in European and Mediterranean studies the opportunity to earn both the B.A. and the M.A. degrees at reduced tuition cost. By completing some of their graduate requirements while still undergraduates, students can finish the program in five years.

Majors may apply for admission to the program after they have completed at least 48 points in the College, but not more than 96 credits or six semesters. Applications are reviewed by the Graduate Admission Committee of the Center for European and Mediterranean Studies using the normal criteria for the M.A. program, except that applicants are not required to take the GRE. The committee bases its decision on students’ undergraduate records and recommendations of NYU instructors.

Eight graduate courses are required. For majors who completed the honors program, the master’s thesis may be a revision of the senior honors thesis.

COURSES

European and Mediterranean studies is an interdisciplinary major. Students are encouraged to choose courses from across the College and University as they plan their program of study. However, they must always consult with a major adviser to confirm that a course or courses will count toward this major.

Futures of the 20th Century
EURO-UA 645 Geppert. 4 points.
Explores the future’s multifaceted history in twentieth-century Europe and the United States, from the science fiction of the 1920s to the “end of utopia” during the crisis-ridden 1970s. Particular attention will be paid to “enhancements” of the human body; futuristic technologies (flying cars, time machines, computers); and human habitats (the classless city of tomorrow, underwater settlements, space colonies).

The Global Space Age
EURO-UA 646 4 points.
Charts the rise and fall of the so-called Age of Space from a global perspective. Topics: the rocket fad of the Weimar Republic, Nazi wonder weapons, the global UFO craze, the so-called Sputnik shock, and the American moon landings.

Addresses the historical origins of techno-nationalism, from the Cold War to today’s Space Race in Asia.

Topics
EURO-UA 913 May be repeated three times (taken four times total) for credit as content changes. Workshop. 4 points.
Topics vary by semester.

Topics: Europe in the News
EURO-UA 915 Gross. 2 points.
Students examine pressing challenges by reading select news articles, long form journalistic pieces, and/or academic thought pieces. Equips students to engage more critically with the information they receive from both traditional news media and less conventional sources that increasingly structure how large segments of the population think about the world around them.

Contemporary Europe
EURO-UA 950 Prerequisite: permission of the department. Required of all majors. 4 points.
An advanced seminar exploring the changing meaning of Europe, European unity, and European identity over the last century, with an emphasis on the formation of the European Union during the last 65 years and issues facing the EU today.

Topics in European Union Studies
EURO-UA 982 4 points.
Offerings vary. Topics have included: The Rise of Green Parties in Europe; History of Postwar German Politics; Populism in Europe; and the EU in the Age of Globalization.

Topics: European Political Thought Since Rousseau
EURO-UA 983.001 Shaw. 4 points.
Examines the development of political thought in Europe from the second half of the 18th century to the start of the 20th, reviewing the Kantian, Hegelian, and Marxist developments in this tradition. Focuses on the important role played by differing conceptions of freedom, human nature, and history.

Topics: Old Europe and the New Right
EURO-UA 983.002 Shaw. 4 points
Examines the origins of right-wing ideology in European thought since the French Revolution. Explores the emergence of an imagined “old Europe”
through mythological ideas about national authenticity, race-based philosophies of history, populism, and anti-rationalism—and the role this fantasy still plays in global right-wing thought.

Internship and Independent Study

**Internship**
EURO-UA 981  *Prerequisite: permission of the department. Offered every semester.*
4 points.
Advanced students in European and Mediterranean studies can earn academic credit for a structured and supervised experience within an approved organization.

**Independent Study**
EURO-UA 998  *Prerequisite: permission of the department. 4 points.*
Interested students should consult with the undergraduate adviser. Requires substantial reading and a research paper.
Expository Writing Program

OVERVIEW

Expository writing courses at New York University teach students to move from answering teachers’ questions to responding to questions and problems that they themselves identify. To this end, students learn to use writing as a flexible tool for: exploring ideas; taking intellectual and creative risks; analyzing data (sources, text, visual material, or empirical data); making and rethinking observations; and investigating questions and curiosities. Students also learn to think of writing as a process of consciously crafting a text that purposefully communicates an idea, finding, result, insight, or interpretation to a specific imagined audience.

In addition to required writing courses for students in the College of Arts and Science, Rory Meyers College of Nursing, Silver School of Social Work, Tisch School of the Arts, Tandon School of Engineering, and Steinhardt School of Culture, Education, and Human Development, the Expository Writing Program (EWP) offers elective courses for students seeking to continue their exploration of the essay genre or to develop their understanding of how to communicate ideas effectively to a broad and diverse audience.

FACULTY

Clinical Professors
Martone, Morgan, Quilter, Rabinowitz

Clinical Associate Professors

Clinical Assistant Professors
Albu, Andreievskaik, Capelli, Cope, Edling, Hyde, Kelly, Lepri, McFarland, Romani, Sala, Shum, Tadmor
All College of Arts and Science students must satisfy the expository writing requirement by taking:

• Writing the Essay (EXPOS-UA 1); or
• International Writing Workshop I and II (EXPOS-UA 4 and 9), for qualifying English as a second language (ESL) students; or
• Writing I and II (WRI-UF 1001 and 2002 in the Liberal Studies Program), for HEO/C-STEP students.

Special sections of EXPOS-UA 1 are offered and vary by semester. One cohort for pre-professional health and science majors is focused on the theme of science, health, and technology. Two other streamed sections are available as part of the Residential College at Goddard and special floors at Rubin. These sections are linked to topical “streams” (e.g., “Writing New York”) and are available by application only for students in those residence streams.

The Writing Tutorial (EXPOS-UA 13) provides additional work in writing for undergraduates, and is required for transfer students who do not successfully complete the University’s writing proficiency exam requirement.

There are no exemptions from the College’s expository writing requirement. Students entering as external transfers must present a course equivalent to Writing the Essay (EXPOS-UA 1) or International Writing Workshop I (EXPOS-UA 4) to satisfy this requirement. Alternatively, they may petition the Expository Writing Program for a waiver from the requirement; please consult cas.nyu.edu/ewp/faq/waiving-the-ewp-writing-requirement for details.

International and English as a Second Language Students

In CAS, for most students, Writing the Essay (EXPOS-UA 1) fulfills the College Core Curriculum expository writing requirement. Writing the Essay requires frequent analytical and reflective writing, which is common in other courses throughout NYU. The writing and reading assignments are challenging even for native speakers of English, and require them to develop conceptual frameworks for their arguments and ideas by working with a wide range of sophisticated and complex sources at a pace comfortable for most native speakers.

NYU recognizes that international students come with varying levels of language competency and fluency and require more time to complete challenging reading and writing assignments. For international students, there are alternate pathways to satisfying the Core writing requirement.

1) International students who attended English-language high schools for four years may be uncertain about the default placement into Writing the Essay (EXPOS-UA 1). For those students, an option is placement within the International Writing sequence, beginning with International Writing Workshop I (EXPOS-UA 4), followed by International Writing Workshop II (EXPOS-UA 9). The expectations for International Writing Workshop I and II are the same as for Writing the Essay, but the classes are smaller and there is more time (two semesters) to complete the curriculum. For help determining whether Writing the Essay or International Writing Workshop I is the better choice for international students who attended English-language high schools, please visit the Expository Writing Program webpage: ewp.cas.nyu.edu.

2) International students who did not attend English-language high schools for four years are asked to take a survey designed to determine appropriate placement. Based on their survey responses, these students may be placed into International Writing Workshop: Introduction (EXPOS-UA 3), which is followed by International Writing Workshop I (EXPOS-UA 4) and then by International Writing Workshop II (EXPOS-UA 9). The preliminary course, International Writing Workshop: Introduction, is taught in an environment in which gaining fluency in reading, writing,
and speaking in English is an expected part of the coursework, and which offers international students more time and support for reading, writing, and speaking. It is possible for students in International Writing Workshop: Introduction to be reevaluated at the end of the course for a possible waiver of International Writing Workshop I (EXPOS-UA 4) and direct placement into International Writing Workshop II (EXPOS-UA 9). For questions about survey results, please consult with your adviser and the survey team: ewp-writingsurvey@nyu.edu.

For more information about international student placement, please consult cas.nyu.edu/ewp/faq/international-writing-workshops.

COURSES

Writing the Essay
EXPOS-UA 1 Required of all College of Arts and Science freshmen, and transfer students who have not completed an acceptable, equivalent course at another college. Special thematic sections are offered, which require permission from the Expository Writing Program (EWP). No exemptions. May not be taken on a Pass/Fail basis, and must be repeated if failed. 4 points.

Foundational instruction and practice in critical reading, creative and logical thinking, and clear, persuasive writing. Students learn to analyze and interpret written texts; to use texts as evidence; to develop ideas; and to write exploratory and argumentative essays. Exploration, inquiry, reflection, analysis, revision, and collaborative learning are emphasized.

International Writing Workshop: Introduction
EXPOS-UA 3 Prerequisite: EWP permission. A preliminary course in college writing for undergraduates for whom English is another language. Permission to register based on NYU admissions criteria and EWP assessment of reading, writing, listening, and speaking proficiency. Cannot substitute for International Writing Workshop EXPOS-UA 4 and/or EXPOS-UA 9. May not be taken on a Pass/Fail basis. Meets twice weekly for 150 minutes each session. 4 points.

Provides preparation in reading, writing, listening, and speaking for academic purposes while increasing fluency, sentence control, and confidence. Emphasizes pre-writing strategies (exploratory writing, outlining, reflective writing, paraphrase, synthesis, analysis) and provides practice in multi-modal presentation. Students learn to make use of inquiry, evidence, and the incorporation of texts as they read in various genres (journals, newspapers, books, visual and moving arts) and draft and revise essays of their own.

International Writing Workshop I
EXPOS-UA 4 Prerequisite: EWP permission/standardized test scores. The first of two courses for students for whom English is not a first language. The College Core Curriculum expository writing and foreign language requirements are fulfilled with this course and International Writing Workshop II (EXPOS-UA 9). May not be taken on a Pass/Fail basis. 4 points.

Provides instruction in critical reading, textual analysis, exploration of experience, the development of ideas, and revision. Stresses both the importance of inquiry and reflection and the use of texts and experience as evidence for essays. Reading and writing assignments lead to essays in which students analyze and raise questions about written texts and experience, and reflect upon text, experience, and idea in a collaborative learning environment.

International Writing Workshop II
EXPOS-UA 9 Prerequisite: either International Writing Workshop I (EXPOS-UA 4) or Writing the Essay (EXPOS-UA 1) with a D or better. Students may not skip over International Writing Workshop I to enter this course. The second of two courses for students for whom English is not a first language. The College Core Curriculum expository writing and foreign language requirements are fulfilled with this course and International Writing Workshop II. May not be taken on a Pass/Fail basis, and must be repeated if failed. 4 points.

Provides advanced instruction in analyzing and interpreting written texts from a variety of academic disciplines, the use of written texts as evidence, the development of ideas, and the writing of argumentative essays through a process of inquiry and reflection. Stresses analysis, revision, inquiry, and collaborative learning.

Writing Tutorial
EXPOS-UA 13 Required for students who do not pass the NYU writing proficiency exam. May not be taken on a Pass/Fail basis. 4 points.

Offers intensive individual and group work in the practice of expository writing for those students whose writing proficiency examination reveals the need for additional, foundational writing instruction. Aims to better prepare admitted transfer students for the rigor-
ous work they will have to complete in either Writing the Essay or International Writing Workshop (above). Concentrates on foundational work (grammar, syntax, paragraph development) leading to the creation of compelling essays (idea conception and development, effective use of evidence, understanding basic forms, and the art of persuasion).

**A Spectrum of Essays**

EXPOS-UA 15  *Prerequisite: Writing the Essay (EXPOS-UA 1). 4 points.*

Provides advanced instruction in essay writing. Emphasizes the development of analytical, reflective, and imaginative skills that lead to accomplished essays in any academic discipline. Stresses curiosity and investigates the relationship in a written text between empirical evidence and thoughtfulness, inquiry and judgment, and exploration and decisiveness. Content and topics may vary.

**Advanced Essay Writing for Science**

EXPOS-UA 16  *Prerequisite: Writing the Essay (EXPOS-UA 1). Offered in the spring. 4 points.*

Offers science and pre-health students the opportunity to design and conduct intensive individual research, write honors-level essays for the public and for the academy, and deliver a professional presentation. Students are encouraged to present their own research at the College’s Undergraduate Research Conference and to submit completed essays for publication in Mercer Street, EWP’s journal of student work.

**Writing in Community**

EXPOS-UA 17  *Prerequisite: Writing the Essay (EXPOS-UA 1). Offered in the spring. 4 points.*

Intended for students who are passionate about writing and community service and would like to explore the dynamic relationship between these two pursuits. Includes mentoring of underserved high school students in essay writing. Studies writers, artists, and filmmakers whose service and/or community engagement has become a basis for work that documents and reflects on pressing social concerns.

**Research, Writing, and Speaking in the Disciplines**

EXPOS-UA 18  *Formerly Writing and Speaking in the Disciplines (4 points). Prerequisite: Writing the Essay (EXPOS-UA 1). Offered in the fall. 2 points.*

Emphasizes effective communication of research in theses, research papers or reports, literature reviews, panel or poster presentations, or grant proposals. Explores how good research practices inform good critical writing, and vice-versa. Special attention to articulating research problems, formulating thoughtful interpretive arguments, and situating one’s project in the context of the current literature. Students awarded—or planning to seek—a Dean’s Undergraduate Research Fund (DURF) grant or planning to present at the CAS Undergraduate Research Conference are especially encouraged to enroll.

**Advanced Writing for Engineers**

EXPOS-UA 22  *Prerequisite: Writing the Essay (EXPOS-UA 1). May not be taken on a Pass/Fail basis, and must be repeated if failed. Offered in the spring. 4 points.*

Fulfills the second-semester writing requirement for Tandon students. Special topics include research, service, and entrepreneurship. Building on their work in Writing the Essay, students analyze and practice such lay and technical genres as pitches, proposals, and essays. Working independently and collaboratively, students further develop their academic and professional skills including clear writing, strategic research, audience awareness, multimodal presentations, analysis, critical thinking, reflection, revision, teamwork, and peer review.

**Writing Proficiency Examination**

The Expository Writing Program administers the writing proficiency examination to students who receive a C- or lower in Writing the Essay (EXPOS-UA 1) or International Writing Workshop 1 (EXPOS-UA 4). EWP also administers the examination to all external transfer students, who must take and pass it to graduate. Transfer students who fail the exam are required to complete Writing Tutorial (EXPOS-UA 13). Contact your adviser with questions, and for more information, please consult cas.nyu.edu/ewp/faq/waiving-the-ewp-writing-requirement.html#exam.
Foundations of Contemporary Culture

The Foundations of Contemporary Culture (FCC) sequence of the College Core Curriculum seeks to provide students with perspective and intellectual methods to comprehend the development of our human cultures. The four FCC courses introduce students to the modes of inquiry by which societies may be studied, social issues analyzed, and artistic activity explored. Together, they give undergraduates a broad methodological background on which to draw when later engaged in the more focused work of their major courses of study. As a result, students receive a richer education than any single major could provide.

Through this core experience in humanistic and social-scientific inquiry the FCC framework allows students to enter into dialogue with one another despite differences in their course schedules, and in this way also encourages lifelong habits of intellectual curiosity and engagement.

As they learn the sound employment of the academic approaches at the center of their FCC classes, students develop their abilities to read critically, think rigorously, and write effectively. By building these skills and an appreciation of the diversity of human experience, the FCC seeks to prepare students for their continued learning in and beyond college, for active participation in their communities, and for lives in a rapidly changing world.

All FCC courses are taught by regular faculty, including some of the University’s most distinguished professors. In addition to two lectures a week, every FCC course includes weekly recitation sections, allowing for small-group discussion of the readings, close attention to students’ written work, and personal concern for students’ progress.

Prerequisites and Sequencing

During their first year, students normally complete a class from Texts and Ideas (CORE-UA 4XX) and one from Cultures and Contexts (CORE-UA 5XX), in either order. In the sophomore year, students choose an approved departmental offering for Societies and the Social Sciences and take Expressive Culture (CORE-UA 7XX), again in either order.

Students should complete the first-year FCC classes and the expository writing requirement before proceeding to the sophomore-level classes. Students in the International Writing Workshop sequence should not start their course work in the FCC until they have completed International Writing Workshop I (EXPOS-UA 4).

Exemptions and Substitutions

Because of the importance the faculty places on assuring every student a core experience in the
Foundations of Contemporary Culture, there are no exemptions or substitutions for Texts and Ideas or Cultures and Contexts.

Students who complete a designated major or minor program in the social sciences are exempt from Societies and the Social Sciences. Those who complete a designated major or minor program in the humanities are exempt from Expressive Culture. Students who complete majors in each area, who complete a joint major designated in both areas, or who complete a major in one area and a minor in the other, may satisfy both components. A list of the area designations of major and minor programs in the College of Arts and Science (CAS) may be found on the Core Curriculum website.

CAS students can also satisfy Societies and the Social Sciences by completing an approved departmental course. For a current list of approved courses, consult the Core Curriculum website.

**COURSES**

In addition to the information below, detailed descriptions of each year’s course offerings may be found on the Core Curriculum website.

**Texts and Ideas**

**Texts and Ideas: Topics**
CORE-UA 400  *Offered every semester.*  4 points.

Recent topics include: The Meaning of Life, Objectivity, Cybernetics, Liberation, Animal Humans, Utopias and Dystopias, Life and Death, Humor and Laughter. Consult the Core Curriculum website for descriptions of each term's offerings.

**Texts and Ideas: Antiquity and the Middle Ages**
CORE-UA 401  *Offered occasionally.*  4 points.


**Texts and Ideas: Antiquity and the Renaissance**
CORE-UA 402  *Offered every semester.*  4 points.


**Texts and Ideas: Antiquity and the Enlightenment**
CORE-UA 403  *Offered every semester.*  4 points.


**Texts and Ideas: Antiquity and the 19th Century**
CORE-UA 404  *Offered every semester.*  4 points.


**Cultures and Contexts**

**Cultures and Contexts: Topics**
CORE-UA 500  *Offered every year.*  4 points.

Recent topics include: The Silk Road and Central Asia, Middle Eastern Cities, Transnational Asia, Global Christianities. Consult the Core Curriculum website for descriptions of each term's offerings.

**Cultures and Contexts: Islamic Societies**
CORE-UA 502  *Offered every year.*  4 points.

The emphasis in the pre-modern period is first on the Qur'an and then on law, political theory, theology, and mysticism. For the more recent period, the stress is on the search for religious identity. Throughout, students are exposed to Islamic societies through the writings they produced.

**Cultures and Contexts: Africa**
CORE-UA 505  *Offered every other year.*  4 points.

Topics include problems in the interpretation of African literature, African history, gender issues, African thought and values, and the impact of the slave trade and colonialism on African societies and culture. Utilizes an interdisciplinary approach and a variety of readings.
Cultures and Contexts: Japan
CORE-UA 507  Offered every other year.  4 points.
Analysis of key literary, religious, and artistic texts. Concentrates on the historical experiences that produced elements of a national culture before there was a nation and on the consciousness of being Japanese before there was a “Japan.” Examines how key cultural elements forged a modern nation-state.

Cultures and Contexts: The Caribbean
CORE-UA 509  Offered every other year.  4 points.
Readings examine slavery and trans-plantation of peoples and cultures from Africa; the history of the region’s differing forms of colonialism; the present postcolonial economic and political structures; anthropological material on family and community life, religious beliefs and practices, and gender roles and ideologies; and ways in which national, community, and group identities are expressed today.

Cultures and Contexts: Middle Eastern Societies
CORE-UA 511  Offered every other year.  4 points.
Topics include: how do women and men construct their gender identity? In what ways are village, town, and city lives being transformed? Do people of the Middle East experience their region’s politics the way it is portrayed in the West? What are some of the causes of political repression, armed struggle, or terror? How did European colonialism reshape the lives of people in the region, and how do they today encounter the cultural and economic power of the United States and Europe?

Cultures and Contexts: China
CORE-UA 512  Offered every other year.  4 points.
Fundamental concepts and practices of Chinese society and culture, examined using primary sources in translation whenever possible. By studying the social, political, religious, ideological, ritual, economic, and cultural life of the Chinese, students gain a sense of the core values and issues of Chinese civilization and how these have affected and continue to have an impact on the way people think and live.

Cultures and Contexts: Ancient Israel
CORE-UA 514  Offered every semester.  4 points.
Covers the period from about 1200 B.C.E. to the conquests of Alexander the Great in the fourth century B.C.E. Topics include law and social organization, prophetic movements, Israelite religion and the development of monotheism, and ancient Hebrew literature. Draws on evidence from the Hebrew Bible, archaeological excavations in Israel and neighboring lands, the discovery of ancient writings in Hebrew and related languages, and the civilizations of Egypt and Syria-Mesopotamia.

Cultures and Contexts: Latin America
CORE-UA 515  Offered every other year.  4 points.
Examines the growth and development of “Latino” as a distinct category of identity out of the highly diverse populations of Latin American background in the United States, paying particular attention to the social processes shaping its emergence. Provides a detailed examination of the processes of cultural creation behind the rising growth of transnational cultures and identities worldwide, and of the forces that are fueling their development.

Cultures and Contexts: India
CORE-UA 516  Offered every other year.  4 points.
Considers the paradoxes of modern India: ancient religious ideas coexisting with material progress, hierarchical caste society with parliamentary democracy, and urban shantytowns with palatial high-rises. Integrates research on India’s cultural values with social-scientific perspectives on their contemporary relevance. Examines problems such as protective discrimination for lower castes and cultural nationalism.

Cultures and Contexts: Contemporary Latino Cultures
CORE-UA 529  Offered every year.  4 points.
Explores the cultural, social, and political organization of Indigenous people before the period of European colonization. Studies the dynamics of the colonial encounter, focusing on Indigenous responses to European rule, the formation of “Indian” society, and the interaction of Europeans, Africans, and Indigenous people. Considers postcolonial Latin America and its political culture, competing ideologies of economics and social development, and construction of collective identities based on region, race, ethnicity, gender, and class.

Cultures and Contexts: The African Diaspora
CORE-UA 532  Offered every year.  4 points.
The dispersal of Africans to various parts of the world over time, examining their experiences and those of their descendants. Regions of special interest include the Americas and the Islamic world, centering on questions of slavery and freedom while emphasizing the emergence of cultural forms and their relationship to both African and non-African influences.
Cultures and Contexts: Indigenous Australia
CORE-UA 536  Offered every other year. 4 points.
Aboriginal Australian forms of identity, social being, and culture. Topics: cultural formulations of kinship, ritual, art, gender, and politics; the “other” and negative or positive formulations of the “primitive”; cultural autonomy and self-determination; and how Aboriginal peoples are represented and thought about by outsiders.

Cultures and Contexts: Modern Israel
CORE-UA 537  Offered every year. 4 points.
Examines the different ethnic origins of the Jewish population over the last 150 years and the growing role of the Arab population (approaching 20 percent) in Israeli society. Topics: the special role of religion in the secular state, the development of Hebrew-speaking culture, the political system, the settlement movement and the peace movement, gender issues, and the role of the army.

Cultures and Contexts: Asian/Pacific/American Cultures
CORE-UA 539  Offered every year. 4 points.
Major historical and contemporary issues, including migration, modernization, racial formation, community-building, and political mobilization. Particular attention is given to Asian Americans’ use of cultural productions (films, literature, art, media, and popular culture) as an expression and reflection of their cultural identities, historical conditions, and political efforts.

Cultures and Contexts: New World Encounters
CORE-UA 541  Offered every year. 4 points.
How did Indigenous cultures in Central and South America and the Caribbean understand and document their first encounters with Europeans? Explores how those subjugated and enslaved by conquest and colonialism interpreted, resisted, and recorded their experience, considers what new cultural forms emerged from these violent encounters, and examines their role in the foundation of “Latin American” cultures.

Cultures and Contexts: Korea
CORE-UA 543  Offered every other year. 4 points.
A multi-disciplinary survey from antiquity to the present. Topics: formation and development of social relations, popular beliefs, and systems of thought and their resonances and ramifications in modern Korea; encounters with the West and the national struggle under colonial rule; social upheavals after liberation; the Korean War; economic development and crisis; the democracy movement and its limitations; relations with North Korea and the U.S.; and sociocultural diversification in the age of globalization.

Cultures and Contexts: Spain
CORE-UA 544  Offered every year. 4 points.
Focuses on the mid-nineteenth through the late twentieth century and studies fiction, poetry, film (fiction and documentary), painting, poster art, photography, performance, and architecture. The aim is to better understand and question the relation between cultural forms/production and issues of national identity, tradition, modernity, and authorship as they relate to the historical moment and location in which they are produced.

Cultures and Contexts: Egypt of the Pharaohs
CORE-UA 545  Offered every year. 4 points.
The archaeology, literature, and art of ancient Egypt. Topics: ancient Egyptian religious experiences and ethics; constructions of gender, class, and ethnicity; varieties of social experience; and how Egyptians (regardless of social standing) attempted to alter their socio-political circumstances through concerted political action, magic, revolt, or the construction of well-crafted satire. Primary sources include letters, wisdom literature, love poetry, ancient house plans, tomb scenes, and physical anthropology.

Cultures and Contexts: Italy
CORE-UA 554  Offered every year. 4 points.
Italian culture and identity seen through the lens of Rome, both as an actual place and as a political and cultural ideal. Topics: the founding and development of the city; its various “rebirths” in the Renaissance, the Italian Risorgimento, and the Fascist regime; and the vitality of Rome and its histories/myths in other national, political, and aesthetic contexts, from France to the United States.

Societies and the Social Sciences

Note that the prerequisite for Societies and the Social Sciences is completion of Texts and Ideas (CORE-UA 4XX) and Cultures and Contexts (CORE-UA 5XX), as well as completion of (or exemption from) Writing the Essay (EXPOS-UA 1), Writing II (WRI-UF 2002), or International Writing Workshop II (EXPOS-UA 9).

Societies and the Social Sciences: Topics in Interdisciplinary Perspective
CORE-UA 600  Offered occasionally. 4 points.
Examines social phenomena that cross the boundaries among the various social-scientific disciplines. Topics vary and may include human migration, religion, fascism, or colonialism. By considering the methodologies appropriate to the study of these topics, students learn to appreciate the characteristic approaches of the social sciences, their power to help us understand such phenomena, and their limitations.
Expressive Culture

Note that the prerequisite for all Expressive Culture courses is completion of Texts and Ideas (CORE-UA 4XX) and Cultures and Contexts (CORE-UA 5XX), as well as completion of (or exemption from) Writing the Essay (EXPOS-UA 1), Writing II (WRI-U 2002), or International Writing Workshop II (EXPOS-UA 9).

Expressive Culture: Words
CORE-UA 710  Offered occasionally.  4 points.
What is literature or the literary? Is there a literary language that works differently from ordinary language? What is literary style and form? What is the position of the writer or artist in relation to society, and what is the function of the reader? Is literature a mirror of the world that it describes, an attempt to influence a reader’s ideas or opinions, an expression of the identity of the writer, or none of these?

Expressive Culture: The Graphic Novel
CORE-UA 711  Offered every other year.  4 points.
Examines the interplay between words and images in the graphic novel, a hybrid medium with a system of communication reminiscent of prose fiction, animation, and film. What is the connection between text and art? How are internal psychology, time, and action conveyed in a static series of words and pictures? What can the graphic novel convey that other media cannot? Authors include Alan Moore, Art Spiegelman, Peter Milligan, Charles Burns, and Carla Speed McNeil.

Expressive Culture: Images
CORE-UA 720  Offered every year.  4 points.
Considers the power and taboo of images and the ways in which individuals and institutions that constitute “the art world” classify some of these images as works of art; turns to explore the visual and conceptual challenges presented by major works of sculpture, architecture, and painting; and concludes with a selection of problems raised by art today. Students develop a vocabulary to both appreciate and question the artistic “gestures” of society in various places and times.

Expressive Culture: Architecture in New York Field Study
CORE-UA 722  Offered every fall.  4 points.
New York’s rich architectural heritage offers a unique opportunity for firsthand consideration of the concepts and styles of modern urban architecture, as well as its social, financial, and cultural contexts. Meets once a week for an extended period and combines on-campus lectures with group excursions to prominent buildings. Considers individual buildings as examples of 19th- and 20th-century architecture, and examines the development of the skyscraper and the adaptation of older buildings to new uses.

Expressive Culture: Sounds
CORE-UA 730  Offered every semester.  4 points.
Our lives pulsate with patterns of sounds that we call music, yet we rarely think consciously about what they mean. Questions how music has been created, produced, perceived, and evaluated at diverse historical moments, in a variety of geographical locations, and among different cultural groups. Through aural explorations and discussion of how these vivid worlds “sound” in time and space, assesses the value and function of music in human experience.

Expressive Culture: Performance
CORE-UA 740  Offered every other year.  4 points.
Examines “performance” both as a practice and as a theoretical tool with which to understand today’s world. Covers theatre and dance, performance in everyday life, rituals, popular entertainments, and intercultural performance. On the theoretical level, introduces “speech acts,” “restored behavior,” “ritual process,” and “play.”

Expressive Culture: Film
CORE-UA 750  Offered every semester.  4 points.
By exploring the expressive and representational achievements of cinema in the context of modernity and mass culture, students learn the concepts to grasp the different ways in which films create meaning, achieve their emotional impact, and respond in complex ways to the historical contexts in which they are made.

Expressive Culture: La Belle Époque
CORE-UA 761  Offered every other year.  4 points.
La Belle Époque, that period in the life of France’s pre-World War I Third Republic (1871-1914) associated with extraordinary artistic achievement, saw Paris emerge as the undisputed Western capital of painting and sculpture; it also was the most important production site for new works of musical theatre and, arguably, literature. Topics: Impressionism, fauvism, and cubism; the operas of Bizet, Saint-Saëns, and Massenet and the plays of Sardou and Rostand; the novels of Zola and stories of Maupassant; and Marcel Proust’s Remembrance of Things Past.
Science and technology play such a central role in the modern world that even individuals not directly engaged in scientific or technical pursuits must have solid skills in quantitative and analytical reasoning and a clear understanding of scientific investigation. Citizens of the 21st century need competence and confidence in dealing with the approaches and findings of science if they are to make informed decisions on vital political, economic, and social issues. Rather than striving for encyclopedic coverage of facts, Foundations of Scientific Inquiry (FSI) courses in the College Core Curriculum stress the process of scientific reasoning and seek to illustrate the role of science and mathematics in our understanding of the natural world. They give students who will not be science majors a positive experience in scientific inquiry and encourage learning about how science is done. The quantitative component of these courses emphasizes the critical role of mathematics in the analysis of natural phenomena.

The courses within FSI are organized into three groups: Quantitative Reasoning, Physical Science, and Life Science. All lectures are taught by regular faculty, including some of the University’s most distinguished professors, and each course includes a weekly workshop or laboratory section.

Prerequisites and Sequencing

Students complete one course in Quantitative Reasoning (CORE-UA 1XX), one course in Physical Science (CORE-UA 2XX), and one course in Life Science (CORE-UA 3XX).

Quantitative Reasoning (QR) is not a prerequisite for Physical Science or Life Science courses. However, QR should be completed in the first year and no later than the sophomore year.

Students may take Physical Science and Life Science in either order. Students should aim to complete both courses before the end of their sophomore year.

Exemptions and Substitutions

Students who complete a major in the natural sciences, the prehealth curriculum, or the combined dual-degree program in engineering are exempt from the Foundations of Scientific Inquiry. In addition, Quantitative Reasoning, Physical Science, and Life Science can each be satisfied by appropriate Advanced Placement (AP), International Baccalaureate, or A-Level credit, or by substituting specific courses, as listed below. For AP and other examination equivalencies, consult the admission section of this Bulletin. CAS does not offer exemption or placement examinations for Quantitative Reasoning, Physical Science, or Life Science.
Quantitative Reasoning

In addition to courses offered under this title (CORE-UA 1XX), students can satisfy the Quantitative Reasoning component with any of the following options.
• AP or equivalent credit in calculus (Calculus AB or BC, 4 or 8 points)
• AP or equivalent credit in statistics (4 points)
• Biostatistics (BIOL-UA 42)
• Data Science for Everyone (DS-UA 111)
• Statistics (ECON-UA 18)
• Analytical Statistics (ECON-UA 20)
• Environmental Quantitative Methods (ENVST-UA 310)
• Patterns in Language (LING-UA 6)
• Calculus I (MATH-UA 121)
• Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
• Introduction to Research Methods for Politics (POL-UA 850)
• Statistics for the Behavioral Sciences (PSYCH-UA 10)
• Statistics for Social Research (SOC-UA 302)
• Biostatistics for Public Health (UGPH-GU 20)

Physical Science and Life Science

In addition to courses offered under these titles (CORE-UA 2XX and 3XX respectively), students can satisfy both these components with any of the following options.
• AP or equivalent credit for any of the following: Biology (8 points), Chemistry (8 points), both Physics 1 and 2 (8 points), or both Physics C-Mechanics (3 points) and Physics C-Electricity and Magnetism (3 points)
• Completion of one of the following sequences:
  • General Chemistry I and Laboratory (CHEM-UA 125) and General Chemistry II and Laboratory (CHEM-UA 126)
  • Advanced General Chemistry I and Laboratory (CHEM-UA 127) and Advanced General Chemistry II and Laboratory (CHEM-UA 128), when offered
  • General Physics I and II (PHYS-UA 11, 12)

Physical Science

In addition to courses offered under this title (CORE-UA 2XX), students can satisfy this component through any of the following options.
• AP or equivalent credit for Physics C-Mechanics (3 points) or Physics C-Electricity and Magnetism (3 points), or for either Physics 1 or Physics 2 (4 points each)
• AP credit for Environmental Science (4 points)
• Completion of one of the following:
  • General Chemistry I and Laboratory (CHEM-UA 125)
  • Advanced General Chemistry I and Laboratory (CHEM-UA 127), when offered
  • Accelerated General Chemistry and Laboratory (CHEM-UA 129)
  • General Physics I (PHYS-UA 11)
  • Physics I (PHYS-UA 91) and Introductory Experimental Physics I (PHYS-UA 71)

Life Science

In addition to courses offered under this title (CORE-UA 3XX), students can satisfy this component through any of the following options.
COURSES

In addition to the information listed below, detailed descriptions of each year’s course offerings may be found on the Core Curriculum website.

Quantitative Reasoning

Quantitative Reasoning: Elementary Statistics
CORE-UA 105  Offered every year. 4 points. Mathematical theory is minimized. Emphasis is on methods. Actual survey and experimental data are analyzed. Computations are done with calculators. Topics: description of data, elementary probability, random sampling, mean, variance, standard deviation, statistical tests, and estimation.

Quantitative Reasoning: Probability, Statistics, and Decision Making
CORE-UA 107  Offered every year. 4 points. Elementary probability theory approached through games and gambling. Topics include probability, expectation, introduction to game theory, gambler’s ruin, gambling systems, and optimal strategies. Examples are taken from games of chance, including backgammon, blackjack, craps, and poker.

Quantitative Reasoning: Great Ideas in Mathematics
CORE-UA 110  Offered every year. 4 points. Topics include: great mathematicians and their contributions; how understanding of the natural world affects mathematics (and vice versa); computations, proof, and mathematical reasoning in modern society; mathematics as a liberal art and a path to truth, beauty, and understanding.

Quantitative Reasoning: From Data to Discovery
CORE-UA 111  Offered every year. 4 points. Introduces ideas and techniques in modern data analysis, including statistical inference, machine learning models, and computer programming. Students apply quantitative thinking to data sets; critically evaluate the conclusions of data analyses; and use computing tools to explore, analyze, and visualize data. A variety of datasets are used, including those from the internet and New York City. Examines issues such as data privacy and ethics.

Physical Science

Physical Science: Energy and the Environment
CORE-UA 203  Offered every semester. 4 points. Uses the principles of chemistry to analyze the environmental implications of energy usage and policy decisions concerning energy and the environment. Topics include the composition of the atmosphere, the ozone layer and its depletion, global warming and public policy, and acid rain. Discusses our need for energy, fossil fuels and their supplies, and the available alternatives.

Physical Science: Einstein’s Universe
CORE-UA 204  Offered every semester. 4 points. Addresses the life and work of Einstein in the context of 20th-century physics, beginning with 19th-century ideas about light, space, and time to understand why his work was so innovative. Einstein’s most influential ideas are contained in his theories of special relativity, which reformulated conceptions of space and time, and general relativity, which extended these ideas to gravitation. Both these theories are quantitatively explored, together with wide-ranging applications of these ideas, from the nuclear energy that powers the sun to black holes and the big bang theory of the birth of the universe.

Physical Science: From Quarks to Cosmos
CORE-UA 209  Offered every year. 4 points. How old is the universe? How did galaxies, stars, and planets form? What are the fundamental constituents of matter, and how do they combine to form the contents of the universe? We consider how measurements and chains of scientific reasoning have allowed us to reconstruct the Big Bang by measuring little wisps of light reaching the earth, to learn about subatomic particles by use of many-mile-long machines, and to combine the two to understand the universe as a whole from the subatomic particles of which it is composed.

Physical Science: How Things Work
CORE-UA 214  Offered every year. 4 points. Do you know how electricity is generated? How instruments create music? What makes refrigerator magnets stick? For that matter, why ice skating is possible, or how wheels use friction? All of the devices that define contemporary
living are applications of basic scientific discoveries. Covers basic principles of physics by examining selected devices such as CD and DVD players, microwave ovens, the basic electronic components of computers, lasers and LEDs, magnetic resonance imaging used in medicine, and even nuclear weapons.

Life Science

Life Science: Human Genetics
CORE-UA 303  Offered every year. 4 points.
Beginns with an overview of the principles of inheritance, where simple Mendelian genetics is contrasted with the interactions of genes and environment that influence complex physical or behavioral traits. Descending to the molecular level, we investigate how genetic information is encoded in DNA and examine the science and social impact of genetic technology, including topics such as cloning, genetic testing, and the human genome project. Concludes by studying how genes vary in populations and how geneticists are contributing to our understanding of human evolution and diversity.

Life Science: Human Origins
CORE-UA 305  Offered every year. 4 points.
Topics include reconstructing evolutionary relationships using molecular and morphological data; the mitochondrial Eve hypothesis; ancient DNA; human variation and natural selection; the use of stable isotopes to reconstruct dietary behavior in prehistoric humans; solving a 2,000-year-old murder mystery; the importance of studies of chimpanzees for understanding human behavior; and the four-million-year-old fossil evidence for human evolution.

Life Science: Brain and Behavior
CORE-UA 306  Offered every semester. 4 points.
Beginns with the basic elements that make up the nervous system and how electrical and chemical signals in the brain work to affect behavior. Examines how the brain learns and how it creates new behaviors, together with the brain mechanisms that are involved in sensory experience, movement, hunger and thirst, sexual behaviors, the experience of emotions, perception and cognition, and memory and the brain’s plasticity. Other topics include behavioral disorders like schizophrenia and bipolar disorder, and how drugs can alter behavior and brain function.

Life Science: The Molecules of Life
CORE-UA 310  Offered every year. 4 points.
Examines the chemistry and biology of biomolecules that make up the molecular machinery of the cell. Applies the principles of chemical bonding and molecular structure to understand the structure and function of biomolecules. Topics include the structure and function of DNA, the varieties of protein architecture, and how enzymes facilitate biochemical reactions.

Life Science: Lessons from the Biosphere
CORE-UA 311  Offered every year. 4 points.
Major topics: (1) Evolution of Life: How did life come to be what it is today? (2) Life’s Diversity: What is life like today on the global scale? (3) Cycles of Matter: How do life and the nonliving environment interact? (4) The Human Guild: How are humans changing the biosphere, and how might we consider our future within the biosphere? Includes an exploration at the American Museum of Natural History.

Life Science: Earth, Life, and Time
CORE-UA 312  Offered every year. 4 points.
Over the last four billion years, life on Earth has evolved in response to changes in the environment. At the same time, major innovations in the history of life have led to transformations of the Earth’s physical environment. We examine the history of the intimate relationship between the Earth’s changing environment and the evolution of life on the planet. This long-term historical perspective provides a context for understanding current environmental issues such as global warming, tropical deforestation, and loss of biodiversity.

Life Science: The Brain: A User’s Guide
CORE-UA 313  Offered every year. 4 points.
We learn about the functions of the cortex in higher learning and memory, as well as discuss the basic work of the brain stem in regulating the internal environment of the body. The importance of nutrition on neurotransmitter synthesis, the function of sleep on memory and why we need so much of it, and the effects of alcohol and drugs on the brain and the meaning of addiction are covered. We look at brain development and the special needs of children, as well as brain aging and illness. Laboratories provide hands-on experience in exploring the structure of the brain.

Life Science: Genomes and Diversity
CORE-UA 314  Offered every other year. 4 points.
Topics: the fundamentals of DNA, genes, and genomes; microbial diversity; animal and plant diversity, focusing on domesticated species as examples of how genomic methods can be used to identify genes that underlie new or otherwise interesting traits; the use of DNA to trace human ancestry; the use of genomics as a diagnostic tool in medicine; and the societal implications of our ability to alter the genomes of crop plants, livestock, and, potentially, humans.
The Department of French Literature, Thought, and Culture welcomes students with no knowledge of French, as well as students who learned French in secondary school and who wish to maintain their language skills and/or study the literature, culture, or thought traditions of France and French-speaking countries and regions. Advanced courses are also suitable for native speakers of the language. With an emphasis on the diversity of the French-speaking world and on urgent questions such as gender, race, and the environment, the department’s course offerings are constantly evolving. The department offers a variety of majors and minors, all of which complement a wide variety of majors, including but not limited to art history, comparative literature, economics, history, international relations, journalism, music, and psychology. Departmental majors and minors are strongly encouraged to study away at NYU Paris, located in the heart of the historic Latin Quarter.

After graduation, French majors follow a wide range of career paths. Among recent graduates are: a diplomatic policy advisor for the United Nations, an editorial project manager, a fashion journalist, an international development consultant, a manager in an international real estate firm, and others who work in the US Foreign Service, art museums, and NGOs. Other popular post-graduation pathways include graduate school (French, art history, etc.), medical school, and law school.

At the Maison Française, students can attend films, lectures, concerts, and Café et Conversation events, as well as other undergraduate events throughout the academic year. The Department of French Literature, Thought, and Culture hosts a chapter of Pi Delta Phi, the national French honor society. The NYU French Club, run by and for our undergraduates, fosters camaraderie and increases interest in French language and Francophone cultures within the NYU community.

**OVERVIEW**

**FACULTY**

**Professors Emeriti**
Affron, T. Bishop, Hollier, Kay, Miller, Nicole, Regalado, Sieburth, Sorkin, Vitz, Zezul

**Professors**
Apter, Bernard, Bolduc, Cortade, Gerson, Guyot, Nouldmann, Usher

**Associate Professors**
Freed-Thall, Nouis

**Clinical Professors**
Ertel, Moran

**Clinical Associate Professors**
Ait Jafour, Baehler, Bali, Berthe, Dubois, Froment, Prost, Voulot

**Clinical Assistant Professors**
Cayer, Irwin, LaPorta, Rizy, Root

**Senior Language Lecturer**
Gordon
PROGRAM

Advanced Standing in French

A student who receives a score of 4 or 5 on the French Language and Culture Advanced Placement examination has completed the equivalent of French Grammar and Composition (FREN-UA 30). The student’s CAS adviser will work with the student to award transfer credit for FREN-UA 30, making the student eligible for upper level FREN-UA courses. The student receives 4 points and is exempted from the CAS language requirement. A student with such a score who is interested in continuing to study French should enroll in Written Contemporary French (FREN-UA 105) and visit the French department for advising. Please note that if a student with a score of 4 or 5 on the French Language and Culture AP exam enrolls in FREN-UA 30 (or a lower-level FREN-UA course), the credits awarded for the AP exam score will be lost. Students with creditable International Baccalaureate or Advanced Level results in French should consult the tables in the admission section of this Bulletin, or consult their CAS adviser.

Major in French: General Information

The prerequisite for admission to the major is completion of Intermediate French Two (FREN-UA 12) or Intensive Intermediate French (FREN-UA 20) with a grade of B- or better (or an equivalent or higher course or exam, such as AP French). All students who wish to major in French must declare with the department and consult a departmental adviser prior to any registration.

The director of undergraduate studies assigns each major a permanent faculty adviser within the department. Majors must meet with their adviser at least once per semester to obtain clearance for the following semester. When students are abroad, advising takes place virtually.

No grade lower than C may be counted toward the major (courses graded Pass/Fail do not count). The overall GPA in all French courses must be 2.0 or above.

Students in Global Liberal Studies pursuing a major in French may count the French Senior Seminar toward their GLS Senior Seminar requirement; in addition, any French or Francophone literature course with substantive transnational content in the French Department counts as meeting the GLS Advanced Global Cultures course requirement.

Students in Steinhardt’s program in Media, Culture, and Communication (MCC) who are also pursuing a major in French may count one four-credit discovery course taken for the French major as simultaneously fulfilling 4 points toward the 12-point restricted elective requirement for the MCC major. In addition, students double-majoring in MCC and French will be able to count up to three discovery courses taken at NYU Paris toward the French major (as opposed to two).

Transfer students must complete at least 20 points of the 36 FREN-UA points required for the French major at the College of Arts and Science and/or at NYU Paris.

For all questions about the French major, please email frenchinfo@nyu.edu.

Major in French: Requirements

The major consists of 36 FREN-UA points (in any combination of 2- and 4- point FREN-UA courses), distributed as follows:

• Foundations courses, focused on acquiring linguistic and general cultural knowledge (16 points in FREN-UA, all courses conducted in French). French Grammar and Composition (FREN-UA 30) is required and must be the first course taken in the foundations category. Written Contemporary French (FREN-UA 105) or Advanced Composition (FREN-UA 9106) is also required and must be taken no later than the semester preceding the Senior Seminar. Students may count an
internship at NYU Paris in this category.

• Discovery courses, focused on specific aspects of France and the French-speaking world (16 points in FREN-UA, 8 of which must be taken at the New York campus; courses may be conducted in French or English). Students may also count First-Year Seminars and College Core Curriculum courses taught by departmental faculty toward this category.

• The Inquiry course, a capstone experience focused on individual student research (4 points). This is the Senior Seminar (FREN-UA 991 or 992). Prerequisite: Written Contemporary French (FREN-UA 105) or Advanced Composition (FREN-UA 9106).

**Major in French and Linguistics**

This joint major requires a total of nine 4-point courses (36 points) completed with a C or better. Pass/Fail courses do not count.

The French part of this major is satisfied by taking four 4-point FREN-UA courses (16 points) as follows:

• One advanced language course chosen from the following:
  ○ Spoken Contemporary French (FREN-UA 101)
  ○ Advanced French Conversation (FREN-UA 102)
  ○ French Phonetics (FREN-UA 103)
  ○ French Translation (FREN-UA 107)
  ○ French: Advanced Techniques of Translation (FREN-UA 108)
  ○ Acting French (FREN-UA 109)
  ○ Business French (FREN-UA 110)
  ○ Creative Writing in French (FREN-UA 111)
  ○ French for International Relations (FREN-UA 113; formerly FREN-UA 112)

• One course in advanced written French (usually Written Contemporary French, FREN-UA 105)

• Two courses from the FREN-UA discovery category, to be determined in consultation with the director of undergraduate studies in the Department of French.

The linguistics part of this major is satisfied by taking the following five 4-point courses (20 points):

• Either Language (LING-UA 1) or Language and Mind (LING-UA 3)

• Sound and Language (LING-UA 11)

• Grammatical Analysis (LING-UA 13)

• A total of two additional courses from two different fields of linguistics, chosen from the following:
  ○ Historical linguistics (LING-UA 14)
  ○ Sociolinguistics (LING-UA 15, LING-UA 18, LING-UA 30, LING-UA 38, LING-UA 57)
  ○ Phonology (LING-UA 12)
  ○ Semantics (LING-UA 4)
  ○ Computational linguistics (LING-UA 6, LING-UA 7)
  ○ Psycholinguistics (LING-UA 5, LING-UA 43, LING-UA 54, LING-UA 59)
  ○ Structure of a modern language (LING-UA 10, LING-UA 42, LING-UA 44, LING-UA 9032)

**Major in Romance Languages**

See the Romance languages section of this Bulletin for details and requirements.
Minors in French: General Information

All students who wish to minor in the Department of French must contact the department to declare and must consult a departmental adviser prior to any registration. No grade lower than a C counts toward any minor (Pass/Fail does not count). Students may choose one of four programs of study.

Minor in French Studies

Consists of 16 points (in any combination of 2- or 4-point FREN-UA courses) above the intermediate level. French Grammar and Composition (FREN-UA 30) is required (an equivalent course or exemption via examination is accepted). Students must take at least 4 points of foundations or discovery courses focusing on literature, thought, or culture (linguistics, history, philosophy, visual culture, food studies, fashion, gender studies, politics); this requirement may be taught in French or English.

Minor in Francophone Studies

For students with an interest in French-language literature and culture outside of France (e.g., in Africa, the Caribbean, Canada, the U.S., or the Far East). Consists of 16 points (in any combination of 2- or 4-point FREN-UA courses) above the intermediate level. French Grammar and Composition (FREN-UA 30) is required (an equivalent course or exemption via examination is accepted), as is French: Approaches to Francophone Literature (FREN-UA 145). With permission of the French department, a course taught in English can be counted toward this minor if the coursework is completed in French.

Minor in French Studies in English Translation

For students who have an interest in French culture but do not have the linguistic preparation to read in French. Consists of 16 points (in any combination of 2- or 4-point FREN-UA courses) taught in English that focus on French culture. The courses are to be chosen in consultation with the director of undergraduate studies.

Minor in Literature in Translation

For students who have an interest in the literature of several different countries and/or cultures and wish to explore that literature through English translation. Consists of four courses (16 points) taught in English with a focus on foreign (i.e., not originally written in English) literature offered by participating CAS disciplines (classics, comparative literature, dramatic literature, East Asian studies, English, French, German, Hebrew and Judaic studies, Italian, Middle Eastern and Islamic studies, Russian and Slavic studies, and Spanish and Portuguese). A student majoring in a specific language cannot take courses in his or her home department for this minor. In addition, a student must take courses from at least two different departments for this minor, with no more than two courses from the same department.

Honors Program

Eligibility: A student must spend a minimum of three full semesters in residence at the College of Arts and Science. Attendance at NYU Paris counts toward such residence. The student must maintain an overall GPA of at least 3.65 and a major GPA of 3.65 or higher. Students who wish to pursue honors should apply to the departmental director of honors during their junior year.
**Requirements for honors:** In addition to completion of all major requirements including one Senior Seminar (FREN-UA 991 or 992), candidates for French honors must also enroll in a 6-point course sequence: French Research Lab (FREN-UA 995), a 2-point course taken in the fall semester of the senior year, and in two 2-point independent studies (FREN-UA 997, 998) in the fall and in the spring of senior year under the supervision of a thesis advisor. This honors thesis course sequence cannot count toward completion of the credit requirements for the French major.

**The honors thesis:** A work of scholarship and/or criticism in the field of French or Francophone literature or culture. The thesis is ordinarily written in French (25 pages minimum) or in English (40 to 60 pages). The seminar professor and the thesis adviser determine, based on this work and an oral defense, whether to recommend the student for an honors degree. A grade of at least A- is required for the award of honors in French.

**Accelerated B.A./M.A. Program in French or French Studies**

The Department of French and the Institute of French Studies offer qualified students the opportunity to earn the B.A. and M.A. degrees in a shortened period of study and at reduced cost. While still undergraduates, students enrolled in the program may earn up to 12 points toward the M.A. by completing three graduate courses in the Department of French or at the Institute of French Studies. To earn advanced standing, these points may not be counted toward an undergraduate degree, and must be in excess of the 128 points required for the B.A. Admission to the program is open to students who have completed between 48 and 96 credits with an overall GPA of at least 3.5 and a GPA of 3.5 or higher in the major. Application to the program can be made through the director of undergraduate studies in the Department of French. Final acceptance into the graduate sequence of the program is contingent on successful completion of the B.A., formal admission into the Graduate School of Arts and Science, and acceptance of the student’s application. For more information on the B.A./M.A. in French studies, please consult: as.nyu.edu/ifs.

**NYU Paris**

For NYU Paris, see information in the study away section of this Bulletin. Please note that not all classes offered at NYU Paris can be counted toward the department’s minors and majors; normally only FREN-UA courses can be accepted, however students can petition to have other courses taught in French count towards the minor. Please consult with the director of undergraduate studies (frenchinfo@nyu.edu) for up-to-date information.

**Internships**

In addition to the basic requirements for the major, students also have the opportunity to participate in internships sponsored by the department. Recent internships have been completed at the French cultural services office, the French music office, and the French film office. For more information, please contact the undergraduate administrative aide (frenchinfo@nyu.edu).

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**COURSES**

**Placement in French Language Courses**

Refer to the department’s website for full information on placement in French language courses.
Fulfillment of the College Core Curriculum Language Requirement

The language requirement in French may be fulfilled either by an intensive sequence of two 6-point courses (FREN-UA 10 and FREN-UA 20) for a total of 12 points, or by an extensive sequence of four 4-point courses (FREN-UA 1, FREN-UA 2, FREN-UA 11, and FREN-UA 12) for a total of 16 points. A student may also follow a plan of study combining two 4-point courses with one 6-point course (FREN-UA 1, FREN-UA 2, FREN-UA 20; or FREN-UA 10, FREN-UA 11, FREN-UA 12) for a total of 14 points. Students planning to continue their study of French beyond the College Core Curriculum requirement are advised to follow the intensive sequence, since this permits completion through the intermediate level in two semesters.

Introductory Language Courses

**Elementary French I**

FREN-UA 1  Open to students with no previous training in French. Not equivalent to FREN-UA 10. Only by following FREN-UA 1 with FREN-UA 2 can a student complete the equivalent of FREN-UA 10 and then continue to the intermediate level. Offered every semester. 4 points.

**Elementary French II**

FREN-UA 2  Continuation of FREN-UA 1. To continue to the intermediate level, a student must complete both FREN-UA 1 and FREN-UA 2. This two-semester sequence is equivalent to FREN-UA 10. Offered every semester. 4 points.

**Intensive Elementary French**

FREN-UA 10  Open to students with no previous training in French. Completes the equivalent of a year’s elementary level in one semester. Offered every semester. 6 points.

**Intermediate French I**

FREN-UA 11  Prerequisite: Elementary French II (FREN-UA 2) or Intensive Elementary French (FREN-UA 10). Open to students who have completed the equivalent of a year’s elementary level and to others on assignment by placement test. Not equivalent to FREN-UA 20. Only by following FREN-UA 11 with FREN-UA 12 can a student complete the equivalent of FREN-UA 20 and then continue to the post-intermediate level. Offered every semester. 4 points.

**Intermediate French II**

FREN-UA 12  Continuation of FREN-UA 11. To fulfill the College Core Curriculum requirement and continue to the post-intermediate level, a student must complete both FREN-UA 11 and FREN-UA 12. This two-semester sequence is equivalent to FREN-UA 20. Offered every semester. 4 points.

**Intensive Intermediate French**

FREN-UA 20  Prerequisites: Elementary French II (FREN-UA 2) or Intensive Elementary French (FREN-UA 10). Open to students who have completed the equivalent of a year’s elementary level and to others on assignment by placement test. Completes the equivalent of a year’s intermediate level in one semester. Offered every semester. 6 points.

Foundations Courses

Unless otherwise noted, the following courses are open to students who have successfully completed French Grammar and Composition (FREN-UA 30), are assigned by placement test, or have the permission of the director of undergraduate studies. All foundations courses are conducted in French.

**From Cocodrie to CODOFIL: A Francophone Louisiana Immersion Program**

FREN-UA 26  Offered periodically. 2 points. Combines classroom study in New York with a study and service week (in coordination with the Alternative Spring Break program) spent in several cities in south-central Louisiana. Introduces students to the linguistic, historical, literary, and cultural contexts of French-speaking Louisiana with an emphasis on the history and sociological reality of Louisiana French. Includes both traditional community service and the conducting of oral history interviews.

**French Grammar and Composition**

FREN-UA 30  Prerequisite: Intermediate French II (FREN-UA 12) or Intensive Intermediate French (FREN-UA 20), or placement exam. Offered every semester. 4 points. Systematizes and reinforces the language skills presented in earlier-level courses through an intensive review of grammar, written exercises, an introduction to composition, lexical enrichment, and literary analysis.

**Spoken Contemporary French**

FREN-UA 101  Offered every semester. 4 points. Helps the student to develop vocabulary, improve pronunciation, and learn new idiomatic expressions. Introduction to corrective phonetics and emphasis on understanding contemporary French
through a study of such authentic documents as radio and television interviews, advertisements, and spontaneous oral productions.

**Advanced French Conversation**
FREN-UA 102 Prerequisite: Spoken Contemporary French (FREN-UA 101). Usually offered once a year. 4 points.
Further develops the skills presented in FREN-UA 101 through a consideration of various aspects of French phonetics and an analysis of the modes of oral discourse in French. Emphasizes the comprehension and production of spoken French (modes of argument, persuasion, and emotion) through authentic documents.

**French Phonetics**
FREN-UA 103 Offered every semester. 4 points.
Provides advanced French language students with the opportunity to improve their pronunciation through a detailed analysis of the sound systems of both French and English.

**Written Contemporary French**
FREN-UA 105 Offered every semester. 4 points.
Designed to improve the student’s written French and to provide advanced training in French and comparative grammar. Students are trained to express themselves in a variety of written genres (for example, diaries, transcriptions, narrations, letters). Focuses on the distinction between spoken and written styles and the problem of contrastive grammar. Emphasis on accuracy and fluency of usage.

**French Translation**
FREN-UA 107 Offered every semester. 4 points.
Practice of translation through French and English texts taken from a variety of sources to present a range of contrastive grammar. Emphasis on oral and written communication, as well as the acquisition of a business and commercial vocabulary dealing with the varied activities of a commercial firm (for example, advertising, transportation, banking). Stresses group work in simulated business situations and exposure to authentic spoken materials.

**French: Advanced Techniques of Translation**
FREN-UA 108 Prerequisite: French Translation (FREN-UA 107). Offered every year. 4 points.
Provides intensive practice in translating. Every week is devoted to a different genre of writing (such as poetry, prose, journalism, or subtitling) or a different set of issues related to translating (such as cultural, grammatical andsentential, phonetic/graphic and prosodic, or language variety).

**Acting French**
FREN-UA 109 Offered every year. 4 points.
Use of dramatic situations and readings to help students overcome inhibitions in their spoken French. The graduated series of exercises and activities improves pronunciation, intonation, expression, and body language, via phonetic practice, poetry recitation, skits, improvisation, and memorization of dramatic texts. Reading, discussion, and performance of scenes from plays by renowned dramatists. Extensive use of audio and video material.

**Business French**
FREN-UA 110 Offered every year. 4 points.
Emphasis on oral and written communication, as well as the acquisition of a business and commercial vocabulary dealing with the varied activities of a commercial firm (for example, advertising, transportation, banking). Stresses group work in simulated business situations and exposure to authentic spoken materials.

**Creative Writing in French**
FREN-UA 111 Prerequisite: Written Contemporary French (FREN-UA 105). Offered every year. 4 points.
Students with a solid grasp of French have the opportunity to refine their knowledge of the language through a variety of workshop-based activities. Divided between reading and discussing short texts in a variety of genres (as models, points of inspiration, etc.) and creative writing proper. Students write in genres ranging from autobiographical to experimental.

**French for International Relations**
FREN-UA 113 Formerly FREN-UA 112. Offered every year. 4 points.
Students explore the use of French in diplomacy with Francophone countries, international organizations, supranational entities, etc. Students acquire vocabulary and reading, writing, and presentational skills relevant to the sphere of international relations.

**Approaches to French Language**
FREN-UA 115 Offered periodically. 4 points.
Approaches the French language as it is used both in and outside of France through an exploration of some of the principal domains of linguistic study: phonetics, phonology, morphology, syntax, the external history of French, and sociolinguistic and regional variation. Emphasizes the internal workings of the French language as well as the place and roles of French throughout the Francophone world.

**Approaches to French Literature**
FREN-UA 140 Offered periodically. 4 points.
Offers an introduction to central works in French literature and equips students with a toolkit for literary analysis. Analyzing a variety of genres from the Middle Ages to the present, students explore the role and status of French literature within its intellectual, political, and social frameworks. In-class workshops develop skills in close reading, developing a thesis, and identifying arguments. Conducted in French.
Approaches to French and Francophone Performing Arts
FREN-UA 143  Formerly “Approaches to French Performing Arts.” Offered periodically. 4 points.
From the early modern period to the present day. Emphasizes the relationship between performers and spectators as mediated through theatrical illusion, speech, and the body in the theatre, opera, ballet, and poetry readings. Students discuss the significance of social issues in performing arts on a global scale. Conducted in French.

French: Approaches to Francophone Literature
FREN-UA 145  Offered periodically. 4 points.
Examines literature from a network of French-speaking countries that form a Francophone space. Addresses the colonial past, as well as the anticolonial and postcolonial situations in which French colonialism is replaced by more complex relationships and ideologies. Special attention is paid to language and the role of the writer in elaborating a postcolonial national identity. Writers studied may include Edouard Glissant and Patrick Chamoiseau of Martinique, Jacques Roumain of Haiti, Ahmadou Kourouma of the Ivory Coast, and Assia Djebar of Algeria.

Approaches to French History
FREN-UA 163  Formerly “French Civilization in the Making: From the Gauls to the Revolution.” Offered periodically. 4 points.
Retrospective and introspective view of French civilization from the early to the modern period through the interrelationship of history, literature, fine arts, music, and philosophy. Study of major historical forces, ideas, and tensions; the formation of collective identities (territorial, religious, political); France’s diversity and formative conflicts; France and the outer world; and the relationship between state, nation, and citizenry. Primary sources and documents such as chroniques, mémoires, journaux, revues, and correspondances.

Contemporary France
FREN-UA 164  Offered periodically. 4 points.
An introduction to French history, politics, and social relations from the Revolution to the present. Attention is paid to the successive crises that challenged France’s stature, its national identity, and its republican model. Topics include the French political and social systems; France’s “exceptionalism” and relationships with Europe, the United States, and globalization; colonialism, immigration, and postcolonialism; and gender and class relations.

Discovery Courses
The following courses, which build on the linguistic and cultural skills built in foundations courses, are focused on specific aspects of the literature, thought, and culture of the French-speaking world. Unless otherwise noted, courses taught in French are open to students who have successfully completed French Advanced Grammar and Composition (FREN UA 30), are assigned by placement test, or have the permission of the director of undergraduate studies. Courses in this category taught in English carry no prerequisites and are open to all students. When taking courses conducted in English, French majors may reach an agreement with the instructor to complete the written assignments and as many reading assignments as possible in French, if they so choose.

French: Versailles–The Making of a World Heritage Site
FREN-UA 150  Formerly “French: Versailles–Life as Art in the Age of Grandeur.” When conducted in English, numbered
FREN-UA 850. Offered periodically. 4 points.
Fabulous Versailles, the synthesis of baroque and classical aesthetics and the cult of kingship, serves as an introduction to the study of major aspects of 17th- and 18th-century culture and French influence on European civilization. Approaches the intellectual, artistic, and social complexities of the period through the works of contemporary philosophers, dramatists, artists, memoirists, field trips, and multimedia presentations of music and art.

French: La Belle Époque—Modes of Artistic Expression and Life
FREN-UA 166  When conducted in English, numbered FREN-UA 866. Offered periodically. 4 points.
Focuses on the dazzling cultural life of turn-of-the-century Paris. Explores the ascent of symbolism, postimpressionism, art nouveau, cubism, futurism, and other creative concepts. Views the social, intellectual, and artistic aspects of the period through the works of contemporary writers, dramatists, and artists such as Zola, Huysmans, Maupassant, Proust, Colette, Apollinaire, Toulouse-Lautrec, Cézanne, Picasso, Debussy, Diaghilev, Sarah Bernhardt, and Gertrude Stein. Extensive use of audio and video material.

Race in France: Literature, Film, Theory
FREN-UA 190  When conducted in English, numbered FREN-UA 890. Offered periodically. 4 points.
Traditionally, France has relied on a universalist ideal of color-blindness that does not recognize the existence of race and rejects its use in public discourse and political action. However, a growing number of activists and intellectuals contend that the traditional republican ban on race has not only failed to prevent racism but makes it impossible to fully measure racial discrimination. Investigates how French and franco-
phone writers, intellectuals, artists, and filmmakers have engaged with these issues.

**French Novel: The 18th Century**
FREN-UA 532  Offered periodically. 4 points.
The novel comes into its own during the 18th century. It fought for recognition as a “worthy genre.” The development of the novel as an aesthetic form and the social and moral preoccupations it reveals are studied in a variety of authors, such as Marivaux, Voltaire, Diderot, Rousseau, Laclos, and Sade.

**French Thought from Montaigne to Sartre**
FREN-UA 562  Offered periodically. 4 points.
Deals with the various currents of ideas and the transformations in values, taste, and feeling that constitute French intellectual history from the early modern period and Enlightenment to the 20th century. Pays particular attention to the writings and influence of Montaigne, Descartes, Montesquieu, Voltaire, Diderot, Rousseau, and Sartre.

**French Novel and Society: The 19th Century**
FREN-UA 632  Offered periodically. 4 points.
Study of Balzac, Stendhal, Flaubert, and Zola as a means of identifying the individual’s changing relationship to the environment and the social, political, and intellectual contexts of his or her epoch. Problems of the 19th-century novel, narrative structure, point of view, invention, and observation.

**French Novel: The 20th Century**
FREN-UA 731  When conducted in English, numbered FREN-UA 831. Offered periodically. 4 points.
In the 20th century Proust and Gide developed a first-person-singular narrative with the reader as participant; Breton used the novel for a surrealist exploration; and with Céline and Malraux the novel of violent action mirrored the human condition in a chaotic time and led to the existentialist work of Sartre and Camus, beyond which lay Beckett’s sparse, complex narratives and Robbe-Grillet’s “new” novels. Works are studied with respect to structure, technique, themes, and language.

**French Thought: Existentialism and the Absurd**
FREN-UA 767  When conducted in English, numbered FREN-UA 867. Offered periodically. 4 points.
Studies Jean-Paul Sartre, Simone de Beauvoir, and Albert Camus, including their commitment to political and social affairs of the times. Examines absurdist literature since the 1950s in the “theatre of the absurd,” in fiction, and in critical work of other contemporary French writers. Covers Ionesco, Beckett, Genet, Robbe-Grillet, and Barthes; precursors of the absurd such as Kafka and Céline; and practitioners of the absurd outside of France (such as Pinter, Albee, and Barthelme).

**The French Canon: Proust**
FREN-UA 771  When conducted in English, numbered FREN-UA 871. Offered periodically. 4 points.
Reading of Remembrance of Things Past. Major topics include the novel as confession, the unconscious and creation, perception and language, sexuality, decadence, the artistic climate in Europe and France from the end of the 19th century through World War I, and the hero as artist.

**History of French Cinema**
FREN-UA 778  Equivalent to CINE-UT 239. When conducted in English, numbered FREN-UA 878. Offered periodically. 4 points.
Discusses formal issues in the context of French civilization and history. Topics: the Lumière brothers’ realism versus Méliès’s transformation of reality; the international avant-garde of the 1920s; poetic realism (Vigo, Renoir); the New Wave (Truffaut, Godard); political modernism in the context of May 1968; the advent of the “Cinéma du Look”; and postmodernity (Besson, Beineix).

**French Fashion, Taste, and Style**
FREN-UA 902  Equivalent to SCA-UA 721. When conducted in English, numbered FREN-UA 802. Seminar. Offered periodically. 4 points.
Explores theories of dress and French taste and style from aesthetic, socio-political, and historical points of view. Students gain a critical vocabulary for discussing literary and cinematic style, paying special attention to the implications of fashion for the production and rescripting of gender norms. Investigates how taste is learned and incorporated, whether the fashion system subverts or consolidates social norms, and what it means to become the artist of one’s own life.

**French News in Conversation**
FREN-UA 904  Formerly “French News, with Coffee.” Conducted in French. Offered every semester. 2 points.
Students practice and improve their French skills (reading, writing, listening, speaking) via (1) daily exposure to French-language newspapers and TV news, (2) ongoing writing in French of a news journal or cahier du monde actuel, and (3) weekly group discussions, in French, with coffee (or other beverages).

**Machines à Ecrire**
FREN-UA 905  Conducted in French. Offered periodically. 2 points.
Students not only read the work of, but also meet and discuss their reading with, contemporary French writers who speak at the Maison Française as part of the interview series “French Literature in the Making” organized by celebrated French journalist Olivier Barrot.
History of the French Language
FREN-UA 920  Conducted in French. 4 points.
How French developed from a regional dialect of Vulgar Latin lacking prestige into a major international language of diplomacy, literature, and commerce spoken today on every continent. Examines the internal history of the language (phonological, morphological, syntactic, and semantic changes) as well as its external history (social, demographic, and political contexts). Does not require any prior knowledge of linguistics.

How to Doubt Everything: Montaigne’s Essais
FREN-UA 925  When conducted in English, numbered FREN-UA 825. Offered periodically. 4 points.
Why is it important to doubt? How do we doubt? If we doubt what we think and what we should do, then how can we know ourselves? How much can or should we doubt, and when (if at all) should we stop? These questions are central to Montaigne’s Essais (1580-92), in which the author tries out (essaie) his mind on topics large and small, from the meaning of thumbs to the culture of Native Americans.

Theatre in the French Tradition
FREN-UA 929  When conducted in English, numbered FREN-UA 829 and equivalent to COLIT-UA 866, DRLIT-UA 301 (specific section number may vary), and THEA-UT 632. Offered periodically. 4 points.
Includes the golden-age playwrights (Corneille, Racine, Moliere), 18th-century irony and sentiment, and the 19th-century theatrical revolution. Topics include theories of comedy and tragedy, the development of stagecraft, and romanticism and realism. Also considers the theatre as a public genre, its relationship to taste and fashion, and its sociopolitical function.

French and Francophone Women Writers
FREN-UA 935  Equivalent to SCA-UA 740. When conducted in English, numbered FREN-UA 835. Offered every other year. 4 points.
How women’s writing reveals its authors’ individuality and their important social and cultural role in France from the 12th century to the present. Studies both changing sociohistorical contexts and the common problems and themes that constitute a female tradition. Writers include Marie de France, Christine de Pisan, Marguerite de Navarre, Madame de Sévigné, Germaine de Staël, George Sand, Colette, Simone de Beauvoir, Marguerite Duras and Assia Djebar.

Topics in French and Francophone Literature and Culture
FREN-UA 965  Formerly Topics in French Culture. When conducted in English, numbered FREN-UA 865. May be repeated three times (taken four times in total) for credit as content changes. Offered periodically. 4 points.
For specific courses, please consult the current class schedule.

Internship in French
FREN-UA 980, 981  Prerequisite: permission of the department. Offered every semester. 2 or 4 points per term.
Must be taken in conjunction with an Independent Study (FREN-UA 997, 998); may be taken in conjunction with a specific course with the permission of the Director of Undergraduate Studies. Working closely with a sponsor and a faculty adviser, upper-level students pursue internships in such diverse areas as international trade, banking, publishing, and law. Interested students should apply to the department early in the semester before they wish to begin their internship.

Independent Study
FREN-UA 997, 998  Prerequisite: permission of the department. Offered every semester. 2 or 4 points per term.

Inquiry Course
Senior Seminar
FREN-UA 991, 992  Prerequisite: Written Contemporary French (FREN-UA 105) or permission of the department. 4 points.
All senior seminars require a research component. For the areas of inquiry offered in any one semester, please consult the class schedule.

Honors Course
French Research Lab
FREN-UA 995  Formerly Senior Honors Thesis Seminar. Prerequisite: French Grammar and Composition (FREN-UA 30). Corequisite: Independent Study (FREN-UA 997) for honors students; Senior Seminar (FREN-UA 991 or 992) recommended as corequisite for non-honors students. Semester. Offered in the fall. 2 points.
Supports and guides students undertaking research in the broad field of French literature, thought, and culture. Honors students take it with the first semester of work on the senior thesis, but it is open to all majors in the department who wish to conduct research.

Graduate Courses
Open to Undergraduates
Courses in the Graduate School of Arts and Science are open to seniors with a 3.5 average in three 4-point courses (12 points) of advanced work in French. If these courses are offered toward the requirements for the baccalaureate degree, no advanced credit is allowed for them in the graduate school. Before registering for these courses, students must obtain the permission of the
director of undergraduate studies. A complete list of graduate courses open to qualified seniors is available in the department each semester.
MAJOR/MINOR IN

Gender and Sexuality Studies

as.nyu.edu/genderandsexuality
20 Cooper Square, 4th Floor
New York, NY 10003-7112
212-992-9650

Chair of the Department of Social and Cultural Analysis
Professor Morgan

Director of Undergraduate Studies,
Department of Social and Cultural Analysis
Associate Professor Saranillio

OVERVIEW

Housed in the Department of Social and Cultural Analysis, the program in gender and sexuality studies (GSS) fosters broad interdisciplinary investigation of gender and sexuality as key aspects of human experience both past and present, paying particular attention to how they shape social roles and identities in various cultural contexts. Its curriculum makes gender and sexuality central rather than peripheral terms of analysis, while also considering their significance both vis-à-vis each other and in relation to race, ethnicity, locality, nation, and geographic circulation. Most fundamentally, the program encourages students to question gender and sexual norms wherever they are in effect, and thus to complicate what in many other settings—both academic and non-academic—is often presented as “natural.” In this way, GSS contests the privileging of some categories (e.g., male or heterosexual) over others, and thereby challenges the social and political implications of such hierarchies.

FACULTY

Professors Emeriti
Harpe, Pratt, Stacey

Silver Professors
Dinshaw, Livingston

Professors
Duggan, Gopinath, Morgan,
Parikh, Pellegrini, Saldaña

Associate Professor
Beltran, Ralph

Assistant Professor
Lee

PROGRAM

Major

The gender and sexuality studies major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses—may be taken in either order:
• Social and Cultural Analysis 101 (SCA-UA 101)
• Approaches to Gender and Sexuality Studies (SCA-UA 401; offered occasionally) or Intersections:
  Race, Gender, and Sexuality in U.S. History (SCA-UA 230; offered every fall)

Six elective courses:
• Six designated gender and sexuality studies electives, of which four must be taught by SCA faculty.
• SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective.
One research course:
• Advanced Research Seminar (SCA-UA 90)

Minor
Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in gender and sexuality studies. Students must take one of the following introductory courses: Approaches to Gender and Sexuality Studies (SCA-UA 401; offered occasionally) or Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230; offered every fall). They also take four designated gender and sexuality studies electives, of which two must be taught by SCA faculty.

Language and Linguistic Competency
The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. The department therefore strongly encourages its students to develop advanced skills in language and linguistics by any of the following means: taking elective courses in sociolinguistics; studying a language other than English beyond the minimum level required by the College of Arts and Science; studying languages especially germane to the department’s fields of study; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research abroad in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses
Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program
Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about the honors program can be found at as.nyu.edu/sca.

COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101  Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

Intersections: Race, Gender, and Sexuality in U.S. History
SCA-UA 230  4 points.
Counts as an introductory core if SCA-UA 401 is not offered. See American studies section in this Bulletin for description.
Approaches to Gender and Sexuality Studies
SCA-UA 401 Offered occasionally. 4 points.
Explores the construction of sex, gender, and sexuality; gender asymmetry in society; sexual normativity and violations of norms; and the interactions of sex, gender, sexuality, race, class, and nation. Engages materials and methodologies from a range of media and disciplines, such as literature, the visual arts, history, sociology, psychology, and anthropology. Examines both feminist and nonfeminist arguments from a variety of critical perspectives.

Research Core

Advanced Research Seminar
SCA-UA 90 Prerequisite: either Social and Cultural Analysis 101 (SCA-UA 101) or Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230). Offered every semester. 4 points.
Students write a 20–25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Program

Senior Honors Seminar
SCA-UA 92 Prerequisites: 3.65 GPA or higher (both overall and in the major), Social and Cultural Analysis 101 (SCA-UA 101), either Approaches to Gender and Sexuality Studies (SCA-UA 401) or Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230), and permission of the department. Offered every fall. 4 points.

Senior Honors Thesis
SCA-UA 93 Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program
SCA-UA 42 Requires ten hours a week of fieldwork. 4 points.

Elective Courses

Queer NYC
SCA-UA 421 4 points.
We track queerness across time and space, examining the history, politics, and culture of the Big Apple. Ranging from Harlem to Times Square to Greenwich Village to Park Avenue, and beyond Manhattan to Queens, Brooklyn, and even Fire Island outposts, we follow people and money, high and underground culture, protests and politics, to ask: How do queerness and the city shape each other? Examines literature, music, film, and ethnography.

Queer Cultures
SCA-UA 450 4 points.
Topics may include: the historical shift from an emphasis on homosexual acts to homosexual persons; the history of the study of gays and lesbians by the medical, psychology, and sexology professions; intersections of race, ethnicity, class, gender, sex, and sexual orientation in literary and visual texts; homophobia; hate crimes; outing; activism; and performativity.

Gender and Performance
SCA-UA 455 4 points.
How do performances of gender—in everyday life and in such representational forms as theatre, film, literature, and law—produce and enforce meanings and experiences of gender? How are gender norms connected to other rules for being a subject, such as class, race, religion, sexuality, and bodily capacity? If we must become a gender to be a subject at all, can we also un-become gender and change the terms of social belonging and recognition?

Theories of Gender and Sexuality
SCA-UA 472 Prerequisite: Approaches to Gender and Sexuality Studies (SCA-UA 401), Sex and Gender (SOC-UA 21), or permission of the instructor. 4 points.
Topics vary and may include: feminist theory; queer theory; psychoanalysis; postcolonial theory; border theory; social movements; postmodernism; performativity; theories of history, culture, and representation; and intersectionality.

Transnational Feminism
SCA-UA 474 4 points.
Examines the limits and possibilities of transnational feminist practices and theories. What does it mean to be “transnationally literate” in relation to gender and sexuality? How do notions of gender and sexuality shift in the context of the gendered travel, displacements, and diasporas created by globalization? How are these contemporary movements shadowed by prior movements precipitated by earlier histories of colonialism, indentured labor, and slavery?
Queer Histories
SCA-UA 475  4 points.
Topics are critically examined within a global context and related to histories of modernity, capitalism, and imperialism. They include: cultures and subcultures, sexual practices and meanings, legal regulation, science/biology, public policy, and politics and activism, as well as intersections of historical hierarchies of race, gender, class, and nation with histories of sexuality.

Gender, Globalization, and Politics of KPOP
SCA-UA 476  4 points.
Connects films, pop songs, and television serials to nation-building and branding projects, diasporic identity formation, and transnational capital and labor. Using the Korean Wave (South Korean popular culture) as a case study, examines how mass culture intersects with race, gender, and empire to travel transnational circuits in relation to movements of people, goods, and labor.

Topics
SCA-UA 481  4 points.
In-depth study of a particular problem or research area within gender and sexuality studies.

Queer Literature
SCA-UA 482  Identical to ENGL-UA 749. Prerequisite: one course in literature, or Approaches to Gender and Sexuality Studies (SCA-UA 401), or permission of the instructor. 4 points.
Develops notions of queerness—deviation from a sexed and gendered norm—through detailed exploration of literary texts in a variety of genres. Historical period and national focus (British, American, Commonwealth) may vary.

Medieval Misogyny
SCA-UA 488  Identical to ENGL-UA 302. Prerequisite: one English course, or one gender and sexuality studies course, or permission of the instructor. 4 points.
From the Bible to key texts of the Western Middle Ages in which men lay down the law, and occasionally women talk back. Other works: the letters of Abelard and Heloise, the fictive but larger than life Wife of Bath, and the imagined feminine utopia of Christine de Pizan.

Topics in Gender and Sexuality Studies
SCA-UA 493  Offered every semester. 4 points.
In-depth study of a particular problem or research area within gender and sexuality studies.

Independent Study
SCA-UA 496, 497  Prerequisite: permission of the director of undergraduate studies. Offered in the fall and spring respectively. 2 or 4 points per term.

Religion, Sexuality, and American Public Life
SCA-UA 812  Identical to RELST-UA 646. 4 points.
What are the “proper” role and place of religious beliefs and expressions in American public life? What are the “proper” role and place of sex in American public life? And how are these two questions related to each other? Examines the apparent contradiction between principles of church-state separation and religious freedom on the one hand, and the invocation of religious ideas to justify state regulation of bodily life, especially sexual life, on the other.

Related Courses
The following courses count as faculty electives for gender and sexuality studies majors and minors. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

AFRICANA STUDIES
The Black Body and the Lens
SCA-UA 155  4 points.

Race and Reproduction
SCA-UA 158  4 points.

AMERICAN STUDIES
Justice Lab
SCA-UA 19  2 points.

Work, Labor, and Power
SCA-UA 221  4 points.

Intersections: Race, Gender, and Sexuality in U.S. History
SCA-UA 230  4 points.

Cultures and Economies
SCA-UA 234  4 points.

Race and the American Right
SCA-UA 236  4 points.

Disabilities and Sexuality in American Culture
SCA-UA 238  4 points.

Couture/Culture: Fashion and Globalization
SCA-UA 253  4 points.

LATINO STUDIES
Latino/a Art and Performance in NYC
SCA-UA 532  4 points.

Latina Feminist Studies
SCA-UA 548  4 points.
Cross-Listed Electives

Majors and minors may take no more than two. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

COMPARATIVE LITERATURE
Classical Literature and Philosophy: Gender and Genre
SCA-UA 860 Identical to COLIT-UA 160.
4 points.

EAST ASIAN STUDIES
Gender and Radicalism in Modern China
SCA-UA 827 Identical to EAST-UA 536,
HIST-UA 536. 4 points.

ENGLISH
Representations of Women
SCA-UA 734 Identical to ENGL-UA 755.
4 points.

HEBREW AND JUDAIC STUDIES
Sex, Gender, and the Bible
SCA-UA 743 Identical to HBRJD-UA 19.
4 points.

HISTORY
Gender/Sex Controversies: Roots and Explanations
SCA-UA 727 Identical to HIST-UA 635.
4 points.

Women and Slavery in the Americas
SCA-UA 730 Identical to HIST-UA 660.
4 points.

Black Women in America
SCA-UA 861 Identical to HIST-UA 661.
4 points.

JOURNALISM
Journalism and Society: Women and the Media
SCA-UA 733 Identical to JOUR-UA 720. 4 points.

LINGUISTICS
Sex, Gender, and Language
SCA-UA 712 Identical to LING-UA 21.
4 points.

POLITICS
Gender in Law
SCA-UA 723 Identical to POL-UA 336.
4 points.
DEPARTMENT OF
German

as.nyu.edu/german
19 University Place
New York, NY 10003-4573
212-998-8650

Chair of the Department
Professor Strowick
Director of Undergraduate Studies
To be announced

Director of the Language Program
Clinical Assistant Professor Dortmann

The department’s undergraduate program offers a broad range of courses in the language, cultures, and literatures of German-speaking countries. The department offers a major in German literature and culture, a joint major in German and linguistics, a joint major in German and global liberal studies, and a minor in German language.

Along with its German language program, the department offers interdisciplinary courses taught in English that address issues of German culture, history, philosophy, art, and literature for students not yet proficient in the German language.

The department sponsors a monthly lunch series, tutoring, and the activities of the German club “Goethes Tisch,” as well as a series of annual awards in recognition of outstanding achievement by undergraduate students in the study of German language and literature. Deutsches Haus, the German cultural center at NYU, provides a varied program of films, concerts, lectures, and exhibitions.

The Department of German places high priority on fostering personal contact between faculty and students, maintains small class sizes (15 or fewer students, on average), and offers comfortable spaces for socializing, studying, and holding informal meetings. Advanced courses and some basic language courses are taught by full-time faculty members, all of whom are also involved in student advising.

FACULTY

University Professors
Baer, Ronell

Professors
de Vries, Krauss, Strowick, Wood

Associate Professors
Ulfers, Weatherby

Assistant Professor
Robinson

Clinical Assistant Professor
Dortmann

Language Lecturer
Densky

Global Distinguished Professors
Bal, Bronfen

PROGRAM

Major in German: General Information

The prerequisite for entering all majors in the department is completion of German language training through the full intermediate level (GERM-UA 4 or GERM-UA 20). Students who have equivalent language training or proficiency may satisfy the prerequisite with the CAS placement examination. Students who wish to major or minor in German must register with the department and have their programs approved by the director of undergraduate studies. Majors and minors
will be assigned a departmental adviser, usually the director of undergraduate studies, with whom they should consult before registering each semester.

**Major in German: Requirements**

The major in German literature and culture consists of eight 4-point courses (32 points) at the 100 level or higher, three of which may be in English and represent a coherent area of concentration (such as history, politics, or philosophy); courses in English outside of the department must have approval of the program adviser. No courses may be counted toward the requirements of another major or minor. All courses must be completed with a grade of C or better (Pass/Fail grades do not count).

The eight courses must be at the 100 level or above (elementary and intermediate language courses do not count) and are to be distributed as follows:

- Two required courses:
  - German Conversation and Composition (GERM-UA 111)
  - Introduction to German Literature (GERM-UA 152)
- Six 200- and 300-/400-level courses, of which a maximum of three can be at the 200 level (i.e., taught in English).

Students are strongly encouraged to fulfill some of the program requirements through a semester or year of study away, either at NYU Berlin or NYU Prague.

Students eligible for honors are required to pursue a two-semester, 8-point sequence in which they take the Honors Seminar (GERM-UA 999) in the fall and the Honors Thesis (GERM-UA 500) in the spring of their senior year. (See “honors program,” below, for details.)

With the permission of the director of undergraduate studies, up to 4 points of independent study or internship work may also be counted toward the major.

**Major in German and Linguistics**

This joint major requires a total of nine 4-point courses (36 points) completed with a grade of C or better.

The German part of this major is satisfied by taking four 4-point courses (16 points) beyond the intermediate level:

- One advanced conversation or composition course chosen from:
  - German Conversation and Composition (GERM-UA 111)
  - Advanced Composition and Grammar (GERM-UA 114)
- Introduction to German Literature (GERM-UA 152)
- Two advanced literature courses taught in German (300- or 400-level)

The linguistics part of this major is satisfied by taking the following five 4-point courses (20 points):

- Either Language (LING-UA 1) or Language and Mind (LING-UA 3)
- Sound and Language (LING-UA 11)
- Grammatical Analysis (LING-UA 13)
- And a total of two additional courses from two different fields of linguistics, chosen from the following:
  - Historical linguistics (LING-UA 14)
  - Sociolinguistics (LING-UA 15, LING-UA 18, LING-UA 30, LING-UA 38, LING-UA 57)
  - Phonology (LING-UA 12)
Minor in German

The minor program requires five 4-point courses (20 points) taught in German and completed with a grade of C or better (Pass/Fail does not count), as follows:
- A minimum of two courses (8 points) at the 100 level.
- A minimum of one course (4 points) at the 300 or 400 level.
- Elementary German I and II (GERM-UA 1, 2) do not count toward the minor.

Honors Program in German

Majors in German can be admitted to the program on the basis of superior work after at least two semesters of study in German at the advanced level. The minimum eligibility requirements are cumulative and major GPAs of 3.65. Both the director of undergraduate studies and the director of the honors program review all applications, which are due no later than spring of junior year and must include an unmarked copy of a paper submitted for a German major course.

In the senior year, students accepted to the honors program complete a two-course, 8-credit sequence, consisting of Senior Honors Seminar (GERM-UA 999) in the fall semester and Honors Thesis (GERM-UA 500) in the spring semester.

The Senior Honors Seminar is a small workshop with a primary focus on research, methodology, and academic writing. Students also learn strategies for grant writing and presentation. Honors majors define a thesis topic, develop a bibliography, read broadly in their area, and begin their research and writing. A substantial portion of the research, usually including a rough draft of one-third to one-half of the thesis, should be completed by semester’s end.

During the spring semester of the senior year, students enroll in Honors Thesis (GERM-UA 500). In close consultation with the thesis advisor, students work on completing research, a final draft, and revisions of the thesis. Students also choose a second reader, typically another faculty member from the department. In cases of an interdisciplinary thesis, the second reader may be from another department.

The finished thesis must be a work of scholarship and/or criticism in the field of German studies and should be between 40 and 60 double-spaced pages in length. If it is written in English, the student must also write an abstract of five to seven pages in German. There will also be an oral presentation of the senior thesis with the student’s two readers. In consultation with the second reader, the student’s advisor determines whether or not to recommend him or her for honors. A grade of at least A-minus is required for the award of honors in German. Students receiving a lower grade will simply be awarded 8 credits of coursework towards the major.

Departmental Awards

The Department of German sponsors two annual awards in recognition of excellence and achievement in the study of German: the Auguste Ulfers Memorial Prize and the Ernst Rose-G. C. L. Schuchard Anniversary Prize. For further information, see the honors and awards section of this Bulletin.
Combined B.A./M.A. Program in German

The accelerated B.A./M.A. program in German is designed to prepare students for career choices requiring advanced knowledge of German language, literature, and culture or a sophisticated understanding of the German intellectual and critical traditions. The four-year undergraduate component of the program includes one semester of study away.

Students majoring in German may apply after completion of 48 points of undergraduate work, with at least 16 of these points completed at NYU, but not more than 96 points. They must be approved by the director of undergraduate studies for application to the combined degree program. Students must meet the following minimum requirements for admission: a GPA of at least 3.5 overall and at least 3.6 in German; satisfactory completion at NYU (by the start of the first semester in the program) of at least two 4-point courses in German at the advanced level; and evidence of overall language competency in German, sufficient for successful advanced undergraduate and graduate study.

Undergraduates accepted into the B.A./M.A. program are required to spend at least one semester studying away in one of the NYU exchange programs in a German-speaking country. The study away requirement may be waived by the department in consideration of special circumstances. Summer study in an approved program may be used to satisfy the study away requirement. Students are required at the end of the fifth year of the program to submit a master’s thesis, which should represent the culmination of a longer-term research effort.

Facilities and Activities

Deutsches Haus at NYU: Located directly across the street from the department at 42 Washington Mews, Deutsches Haus provides a broad program of cultural and intellectual enrichment for students of German through lectures, concerts, films, exhibitions, and readings. Deutsches Haus offers students many opportunities to meet, practice their German, and learn from prominent artistic, literary, business, and political figures of German-speaking countries.

German Club (Goethes Tisch): This student-run group is open to interested undergraduates at all levels of German language ability. Goethes Tisch sponsors several activities each month during the academic year, including conversation hours, films, restaurant visits, and parties.

Study Away

Students pursuing the major in German are strongly encouraged to complete some of the requirements by spending a semester or year away.

NYU Berlin: This semester- or year-long study away program is affiliated with the prestigious Humboldt University, located in the heart of the city. Course offerings focus on the society, politics, history, and culture of Germany, as well as contemporary Western Europe. The program features NYU courses, taught by NYU faculty, members of the Humboldt faculty, and Berlin’s wider academic community. The program is designed for students of German, as well as history and the social sciences. All content courses, taught in English, will count either for credit in the department in which they are listed or toward the three courses in English allowed as part of the German literature and culture major. Several advanced content courses taught in German are offered each year and are applicable toward the major. At least one course must be taken in German.

NYU Prague: This semester- or year-long study away program is located in the heart of central Europe. Course offerings focus on the society, politics, history, and culture of this region. The program features NYU courses, taught by NYU faculty, and Prague’s wider academic community.
The program is designed for students of German, as well as history, the social sciences, and business. German language courses from elementary to intermediate are offered at NYU Prague, as well as one post-intermediate course.

**Exchange programs:** NYU students can participate in exchanges with universities in Berlin (Freie or Humboldt University), Bonn, or Vienna. NYU financial aid can be applied to the costs of living and studying at any of these exchange institutions, and NYU academic credit is awarded directly for courses taken. Students may study away for one semester or a full year, usually in the junior year, with the approval of the major department(s). The minimum requirement for any of the exchange programs is successful completion of 64 points of undergraduate course work and a 3.0 GPA. Both programs in Berlin require proficiency in German; the programs in Bonn and Vienna offer some courses in English.

**NYU Summer in Berlin:** The program consists of language courses and culture courses (in English), which may be applied to the major or minor.

### COURSES

#### Placement in German

Language Courses

All students with previous study of German must take the online CAS placement examination before registering for their first course in this language. The departmental placement process consists of a consultation with the director of language programs to choose the level of language instruction most appropriate to the individual student’s needs and abilities.

#### Fulfillment of the College Core Curriculum Language Requirement

The department offers courses allowing students to complete the College of Arts and Science language requirement. Students may choose either the extensive sequence of four 4-point courses (Elementary I and II followed by Intermediate I and II) or the intensive sequence of two 6-point courses (Intensive Elementary followed by Intensive Intermediate). Students planning to major in German are advised to follow the intensive sequence.

#### Basic Language Courses in German

All German language courses use communicative methodology. Elementary-level courses introduce students to essential linguistic and social conventions of contemporary spoken German, with an emphasis on establishing conversational skills. Intermediate level courses introduce more complex features of the language and focus on building reading and writing skills, while continuing to develop conversational ability.

**Elementary German I**
GERM-UA 1  *Open only to students with no previous training in German; others require permission of the department. Offered every semester. 4 points.*

**Elementary German II**
GERM-UA 2  *Prerequisite: Elementary German I (GERM-UA 1), assignment by placement examination, or permission of the department. Offered every semester. 4 points.*

**Intermediate German I**
GERM-UA 3  *Prerequisite: Elementary German II (GERM-UA 2), Intensive Elementary German (GERM-UA 10), assignment by placement examination, or permission of the department. Offered every semester. 4 points.*

**Intermediate German II**
GERM-UA 4  *Prerequisite: Intermediate German I (GERM-UA 3), assignment by placement examination, or permission of the department. Offered every semester. 4 points.*

**Intensive Elementary German**
GERM-UA 10  *Open to students with no previous training in German and to others on assignment by placement examination or with permission of the department. Offered every semester. 6 points.*

Completes the equivalent of a year’s elementary work (GERM-UA 1 and GERM-UA 2) in one semester. Emphasizes spoken and written communication skills. Introduces students to the basic conventions, idioms, and structures of contemporary spoken German.

**Intensive Intermediate German**
GERM-UA 20  *Prerequisite: Intensive Elementary German (GERM-UA 10) or Elementary German II (GERM-UA 2) with a B or better, assignment by placement examination, or permission of the department. Offered every semester. 6 points.*

Completes the equivalent of a year’s
intermediate work (GERM-UA 3 and GERM-UA 4) in one semester. Continuing emphasis on developing spoken and written communication skills. Students learn more advanced features of the language and begin to read longer and more complex texts.

Post-intermediate Courses in Language, Culture, and Literature (100 Level)

These are “bridge” courses between basic language study and more advanced courses. The common goal of courses at this level is to consolidate students’ command of spoken and written German, to review advanced structures of the language, and to provide core information that will be needed in advanced study of literature and culture. Particular emphasis is placed on the development of complex reading and writing skills and their integration with speaking skills. All courses at this level are conducted in German. All German courses at the 100 level require successful completion of GERM-UA 4 or GERM-UA 20, or permission of the department.

German Conversation and Composition
GERM-UA 111  Offered every fall. 4 points.
Required for the German major. Aims to improve students’ proficiency in writing and speaking German in three functional areas: description, narration, and argumentation. Grammar and vocabulary are reviewed and practiced as appropriate. Students examine and discuss texts of various genres, then draft and present work of their own in each genre. Discussion and writing components are closely coordinated. Activities include presentations, peer review, guided writing, and editing.

German Culture 1890-1989
GERM-UA 133  Offered periodically. 4 points.
Explores 20th-century German culture, literature, politics, and media as a mirror of our contemporary experience. Addresses a variety of media to discuss the experience of modernity: poetry, film, advertising, journalism, short stories, and drama. Emphasis on refining written expression, honing listening and reading skills, and a review of grammar.

Austria: Culture, History, Society
GERM-UA 145  Offered periodically. 4 points.
Investigates the works of Austrian writers, artists, architects, composers, and thinkers against the backdrop of the political and social climate of the nation. Covers works from a wide variety of fields—including literary texts (poetry, prose, and drama), film, music, art, architecture, philosophy, and psychology.

Introduction to German Literature
GERM-UA 152  Offered every spring. 4 points.
Required for the German major. Representative authors and works of German literature, with emphasis on the modern period. Basic conventions of literature and literary interpretation, as well as strategies for the effective reading of shorter and longer prose works, drama, and poetry. Guided writing assignments focus on developing the language skills necessary for effective written analysis and interpretation of literary texts in German.

Techniques of Translation
GERM-UA 153  Offered periodically. 4 points.
The history, theory, and practice of translation through German and English texts taken from a variety of cultural backgrounds. Diverse grammatical, syntactical, and stylistic problems foster a deeper understanding of the German language. Also stresses the acquisition of vocabulary and complex idiomatic structures necessary for effective reading comprehension, as well as written expression.

Advanced Literature and Culture Courses Conducted in English (200 Level)

Courses at the 200 level are conducted in English. Literature-oriented courses at this level may count in fulfillment of the College’s minor in literature in translation. Many of these courses are cross-listed with other NYU departments or programs. No knowledge of German is required for courses at this level, and there are no prerequisites.

Introduction to German Culture
GERM-UA 220  Offered periodically. 4 points.
Crucial periods and events in German cultural history since the Enlightenment and important figures in modern intellectual and aesthetic history. The philosophies of Kant and Nietzsche; the music of Mozart and Wagner; the literary contributions of Lessing, Goethe, Fontane, and Brecht; and the art movements of Dada and Bauhaus all serve as the basis for a discussion of the complex constellation of Kultur, politics, and power in the German intellectual tradition.

Marx, Nietzsche, Freud
GERM-UA 240  Offered periodically. 4 points.
Examines the work of these three seminal authors by focusing on their notions of interpretation, history, subjectivity, politics, religion, and art. The seminar does not present their work chronologically, but rather creates a dialogue between the authors around each topic and, thereby, delineates the origins of much modern thought.
Marx and the Culture of Capitalism  
GERM-UA 242  Offered periodically.  
4 points.
Organized around a careful reading of volume one of Capital, but also features readings from those who inspired Marx and those his work influenced. Follows the trajectory of Capital from the commodity and the concept of value to machinery, cooperation, and accumulation.

The German Intellectual Tradition  
GERM-UA 244  Offered periodically.  
4 points.
Designed to familiarize students with the major currents of German intellectual and literary history. Organized thematically, conceptually, or according to the trajectories associated with crucial thinkers. Special emphasis is placed on the impact those thinkers have had on literary and aesthetic phenomena.

Introduction to Theory  
GERM-UA 249  Offered periodically.  
4 points.
Focuses on crucial theoretical developments in German literary and philosophical discourses. Introduces students to contemporary theoretical issues at the forefront of academic debate and seeks to give students a grounding in the origins of current discussions. Includes considerations of literary phenomena, critical legal studies, feminist and deconstructive theories, the Frankfurt School, and psychoanalysis.

German Art, 1800 to the Present  
GERM-UA 250  Offered periodically.  
4 points.
The history of art in Germany, Austria, and Switzerland. The main theme is the relation between German art and the eminent German tradition of philosophical and critical writing on art. Features lectures on major artists and their works; classroom discussion of the works as well as assigned texts; and at least two field trips to New York museums. Readings in primary sources: artists’ writings and manifestos, art theory and criticism, and aesthetics.

Topics in German Cinema  
GERM-UA 253  Offered periodically.  
4 points.
Selections are studied generically, thematically, or by historical period. Emphasis is also placed on issues of film analysis and theory. Possible course topics are new German cinema, film and feminism, early German film, and film and nationalism.

Modernism  
GERM-UA 265  Offered periodically.  
4 points.
Focuses on the emergence of mass culture and shows how the modernist and avant-garde movements questioned the very institution of art in their work. Materials include works of literature, theory, film, and the visual arts.

Madness and Genius  
GERM-UA 285  Offered periodically.  
4 points.
Explores the relationship among talent, inspiration, and psychological instability in works of the 19th and 20th centuries. Considers the link between inspiration and possession, Western culture’s valorization of originality, the political purpose of characterizing originality as psychologically transgressive, and the allegorization of the creative process through depictions of madness.

Topics in 19th-Century Literature  
GERM-UA 297  Offered periodically.  
4 points.

Topics in 20th-Century Literature  
GERM-UA 298  Offered periodically.  
4 points.

Advanced Literature and Culture Courses Conducted in German (300 Level)

Courses at this level provide a broad historical overview of specific periods in German literary and cultural development. Advanced German language skills are practiced, with particular emphasis on the ability to summarize and on the expression of supported opinion. Students read more texts of greater linguistic and conceptual complexity than those used at the 100 level. Readings are drawn from literary and nonliterary sources. Students must complete a minimum of two 100-level courses before enrolling in courses at the 300 level.

Romanticism  
GERM-UA 349  Offered periodically.  
4 points.
Traces the development of romanticism in Germany in the period 1789-1830. Examines the philosophy of idealism and its aesthetic effect on the various phases of the romantic movements. Considers the Jena, Heidelberg, and Berlin schools in light of their works and their artistic and sociopolitical theories. Representative writings include poetry, novellas, fairy tales, and essays.

German Literature of the 19th Century  
GERM-UA 355  Offered periodically.  
4 points.
Study of German prose and drama from the end of romanticism to the development of expressionism before the turn of the century. Selected texts deal with poetic realism, the rise of new literary forms leading to naturalism, and Austrian and German manifestations of impressionism and expressionism.

20th- and 21st-Century German Prose  
GERM-UA 366  Offered periodically.  
4 points.
Investigates significant prose texts of German-language authors from 1900 to the present. Genres discussed include the short story, the novella, and the novel.

**Post-1945 German Literature**  
GERM-UA 369  *Offered periodically.*  
4 points.  
Examines works by some of the major German language writers in the decades following World War II. Treats the historical and intellectual background of the period and the confrontation with both the past and the future in representative works.

**Modern German Drama**  
GERM-UA 377  *Offered periodically.*  
4 points.  
Development of German-language drama from the early plays of Brecht. Concerns include political motivations of dramatic development, problems in writing 20th-century tragedy, meaning of the grotesque and the absurd, and neonautalist elements.

**German Poetry**  
GERM-UA 385  *Offered periodically.*  
4 points.  
Survey of significant authors and developments in German poetry, with emphasis on the 19th and 20th centuries. Traces basic themes and examines narrative, dramatic, and lyric structures in poetry.

**Topics in 19th-Century Literature**  
GERM-UA 397  *Offered periodically.*  
4 points.  
Examines various intersections between cultural, social, and scientific discourse. Study of German novellas and drama from romanticism to realism and naturalism with a focus on form, genre, and narrativity.

**Advanced Seminars Conducted in German (400 Level)**

These courses examine authors, groups of works, and intellectual, aesthetic, and social movements of particular significance in the development of German literature and culture. These courses have a narrower focus than do those at the 300 level; the emphasis is on in-depth examination rather than on overview. Readings are longer and more linguistically demanding than those used at the previous level. Language work focuses on conjecture and the expression of abstract concepts in both written and spoken German. Students must complete a minimum of two 100-level courses before enrolling in courses at the 400 level.

**Faust**  
GERM-UA 457  *Offered periodically.*  
4 points.  
Examines the figure of Faust in legend and literature, beginning with its first appearance in the 16th century. Discussion of the influence of Faust in German and other European literary traditions. Readings include excerpts from the 1587 *Historia von D. Johann Fausten*; Goethe’s *Urfaust* and excerpts from his later dramatic versions (*Faust, Ein Fragment; Faust I and II*); and Thomas Mann’s *Doktor Faustus*.

**Literature of the Weimar Period**  
GERM-UA 468  *Offered periodically.*  
4 points.  
The chaotic Weimar period (1918-33) began with revolution and ended with the Nazi takeover. German modernism evolved from expressionism to the aesthetics of “new sobriety” (*Neue Sachlichkeit*). From the more traditional (Thomas Mann, Hermann Hesse) to the experimental and revolutionary (Bertolt Brecht, Anna Seghers), the works of this period problematize its subsequent glorification as the golden ’20s. Readings include works by Brecht, Hesse, Roth, Seghers, Klaus Mann, and Thomas Mann.

**Seminar on 19th-Century Authors**  
GERM-UA 487  *Offered periodically.*  
4 points.  
Each of these seminars provides advanced students of German with an in-depth knowledge of one major author of either the 19th or 20th century. Works by the chosen author are examined in terms of how he or she contributes to, and possibly challenges, prevailing aesthetic, political, and cultural trends of his or her time.
Honors, Internship, and Independent Study

Honors Thesis
GERM-UA 500  Prerequisite: permission of the department and admission to the honors program. Offered in the spring. 4 points.

Internship
GERM-UA 977, 978  Prerequisite: permission of the department. 2 or 4 points per term.

Independent Study
GERM-UA 990  Prerequisite: permission of the department. May be repeated for credit. Offered every semester. 2 or 4 points.

Honors Seminar
GERM-UA 999  Prerequisite: permission of the department and admission to the honors program. Offered in the fall. 4 points.

Graduate Courses Open to Undergraduates

Graduate courses offered by the department are open to seniors with the permission of the director of undergraduate studies and the professor of the course. A student wishing to take a graduate course conducted in German must be able to demonstrate sufficiently advanced German language ability.
COMBINED MAJORS IN
Global Public Health

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708 Broadway
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212-992-6741

as.nyu.edu/anthropology
25 Waverly Place
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212-998-8550

as.nyu.edu/biology
24 Waverly Place, 6th floor
New York, NY 10003
212-998-8200

as.nyu.edu/chemistry
24 Waverly Place, 3rd floor
New York, NY 10003
212-998-8400

as.nyu.edu/history
53 Washington Square South
New York, NY 10012-1098
212-998-8600

as.nyu.edu/sociology
295 Lafayette Street
New York, NY 10012-9605
212-998-8340

Director of Undergraduate Studies
(School of Global Public Health)
Clinical Associate Professor Moon-Howard

Directors of Undergraduate Studies
(College of Arts and Science)
Associate Professor Goetz (History)
Professor Goodwin (Sociology)
Associate Professor Higham (Anthropology, 2022-2023)
Assistant Professor Iovita (Anthropology, 2023-2026)
Associate Professor Smith (Biology)
Professor Walters (Chemistry)

Assistant Director of Undergraduate Studies
(College of Arts And Science)
Clinical Professor Tan (Biology)

OVERVIEW
The highly selective, demanding undergraduate majors in Global Public Health (GPH) allow CAS students to choose a course of study that is a combination of public health and an academic discipline housed in the College (GPH is not a stand-alone major), and also provide them with instructors and courses drawn from the entire university. This unique structure responds to the ever-increasing demand for interdisciplinary public health practitioners both in the U.S. and abroad. The coursework is integrated with experiential learning and study away requirements to ensure that students are broadly trained and uniquely prepared for a variety of careers.

The majors’ global public health courses are offered by the NYU School of Global Public Health (708 Broadway, 11th Floor; 212-992-6741; publichealth.nyu.edu). GPH delivers truly interdisciplinary public health education at the undergraduate, master’s, and doctoral level. It builds on the global reach of NYU’s unique Global Network University; draws strength from the entrepreneurial spirit of NYU’s many talented faculty and students; and serves as a conduit for groundbreaking research and education that advances and promotes equitable health for all.

PROGRAM
Students in CAS may choose one of the following combinations for a GPH major:
• Global public health/anthropology (B.A.)
• Global public health/history (B.A.)
• Global public health/sociology (B.A.)
• Global public health and science (B.S., with a choice of two concentrations):
  — Biology concentration
  — Chemistry concentration

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In all of these majors, students must take six 4-point courses (24 points) in the core public health areas:

• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

**Note well:** UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

**Note well:** In the GPH/biology concentration, students substitute Biostatistics (BIOL-UA 42) for UGPH-GU 20 (see below).

Besides these six required GPH courses, students also take courses in their chosen CAS discipline, with the exact number of these disciplinary courses varying by major and concentration (see below for the exact requirements for each major). Students fill out their coursework for the major with two or three relevant electives in global public health and/or the chosen CAS disciplinary field. Students who matriculated before fall 2021 are technically required to take only two major electives, but **must** take a third if they waive or are exempted from the major’s post-intermediate language requirement (see below). This language requirement does not apply to students who matriculate in and after fall 2021, and therefore they always take three major electives. To clarify:

• **The major requirement of one foreign language course (4 points) above the intermediate level applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.**

• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.

• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Students must also study away for one semester.

Programs of study are planned with the director of undergraduate studies in the chosen CAS department. The e-mail address for general inquiries from CAS students is cas.gph@nyu.edu.

**General Policies Applying to the Combined Global Public Health Majors**

CAS students are allowed to count 16 points from the other schools of the University toward the baccalaureate degree. Four of the six core UGPH-GU courses required for the combined GPH majors are treated as liberal arts courses and therefore do not count against the 16-point allowance: UGPH-GU 10, 20, 30, and 50. (These four courses are exempt from the 16-point rule both for declared GPH majors and also for CAS students who simply take one or more of them as electives.) The two required GPH core courses UGPH-GU 40 and 60 are not exempt from the 16-point rule, and together use up 8 points of each student’s 16-point allowance. Any other UGPH-GU courses
besides 10, 20, 30, and 50 will also count against the 16 points.

Students may request additional non-CAS, non-liberal arts credits beyond the 16-point limit through the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

No UGPH-GU courses can count toward the 64 credits that internal or external transfer students are required to complete in CAS (-UA) courses.

Students must earn a C or better in all courses for their combined major and maintain a 2.0 major GPA. Courses graded Pass/Fail cannot be counted toward the major.

The GPH tracks with anthropology, history, and sociology all satisfy the College Core Curriculum requirement in Societies and the Social Sciences. However, the two GPH concentrations in science do not satisfy this requirement. None of the UGPH-GU courses can exempt students from any part of the Core's Foundations of Contemporary Culture.

**Transfer Student Policies Applying to the Combined Global Public Health Majors**

Transfer students to CAS must complete at least half of their entire combined GPH major at NYU, with at least half of the CAS coursework required for the major completed at NYU. In addition, GPH stipulates that transfer credit cannot be used for more than one of the six core GPH requirements (the other five must always be completed at NYU). The internship course (UGPH-GU 60) can never be satisfied with transfer credit.

Applicants to schools of the health professions who are pursuing one of the science GPH majors must complete at least five of the required prehealth science courses at NYU in order to be eligible for a committee interview and letter from the CAS Preprofessional Advising Center.

Some transfer students may therefore be required to complete more than half of their GPH major at NYU to satisfy these policies, regardless of transfer coursework presented.

**Global Public Health/Anthropology**

This major provides interdisciplinary training that embraces the natural convergence of society, culture, and health, and draws on the Department of Anthropology's strength in bridging the social sciences, natural sciences, and humanities. The joint major in global public health and anthropology prepares students to analyze various cultural traditions through the lens of health; to examine complex relationships within economic, political, cultural, physical, and biological environments; and to apply anthropological approaches to public health problems. The joint major is designed to prepare students for multidisciplinary careers in a variety of settings and/or for advanced academic training in public health, anthropology, or other related fields.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
- Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

**Note well:** UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):

**This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.**

Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major.

For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.

Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Anthropology core courses (three courses/12 points):
• Culture, Power, Society (ANTH-UA 1)
• Medical Anthropology (ANTH-UA 35)
• Global Biocultures (ANTH-UA 36)

Anthropology elective courses (three courses/12 points), chosen from:
• Human Evolution (ANTH-UA 2)
• Language, Power, and Identity (ANTH-UA 16)
• Conversations in Everyday Life (ANTH-UA 32)
• Human Variation (ANTH-UA 51)
• Evolutionary Medicine (ANTH-UA 55)
• Emerging Diseases (ANTH-UA 80)
• Anthropology of Gender and Sexuality (ANTH-UA 112)
• Disability Worlds (ANTH-UA 113)
• Race, Difference, and Social Inequality (ANTH-UA 323)
• Introduction to Forensic Anthropology (ANTH-UA 326)
• Human Rights and Culture (ANTH-UA 331)
• The Social Life of Food (ANTH-UA 410)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or anthropology, by advisement. For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.
Global Public Health/Biology

Students pursuing this combined major complete a concentration in biology that emphasizes one of the following areas: genetics and genomics, infectious diseases, or environmental health. This major provides a unique opportunity for students to explore cutting-edge life science and how recent advances can help address some of the world’s most complex health challenges. Graduates are well-prepared to pursue professional studies in medicine, dentistry, public health, and nutrition, as well as academic and research positions.

Departmental advising is absolutely crucial for students pursuing this demanding major. Students must satisfy all requirements of the College Core Curriculum (the First-Year Seminar, foreign language, expository writing, and Foundations of Contemporary Culture). Careful planning is necessary to ensure that all major, prehealth, and College Core Curriculum requirements can be completed in four years.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the twenty-two courses (94 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics (BIOL-UA 42), taken in lieu of Biostatistics for Public Health (UGPH-GU 20).
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.

• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major.
For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.

• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Biology core courses (four courses/16 points):
• Principles of Biology I and II (BIOL-UA 11, 12)

NOTE: Biology majors are not required to register for the 1-credit Principles of Biology Lab (BIOL-UA 123). It is intended for prehealth students not majoring in biology.
• Molecular and Cell Biology I and II (BIOL-UA 21, 22)

NOTE: It is strongly recommended that students in this combined major take the optional 1-credit Molecular and Cell Biology Lab (BIOL-UA 223) concurrently with MCB I (BIOL-UA 21).

Biology emphasis area (two courses/8 points):
• Students select two upper-level biology courses from one of these three areas:
  1. Genetics and genomics
  2. Infectious diseases
  3. Environmental health

A current list of courses satisfying each area is maintained on the official web site of the Department of Biology.

Additional required courses in science and mathematics (seven courses/34 points):
• Chemistry (four courses/20 points):
  ○ General Chemistry and Laboratory I and II (CHEM-UA 125, 126)
  ○ Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226)
• Physics (two courses/10 points):
  ○ General Physics I and II (PHYS-UA 11, 12)
• Mathematics (one course/4 points):
  ○ Calculus I (MATH-UA 121)

Major electives (three courses/12 points):
• One additional biology elective must be completed by all students pursuing this major. A current list of courses approved as electives is maintained on the official web site of the Department of Biology.
• A second (and, for some students, also a third) elective must be completed that either is one of these approved biology electives or an elective approved by the GPH program, as follows:
  ○ Students who matriculate in and after fall 2021 must take three major electives in total. The third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
  ○ Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

**Global Public Health/Chemistry**

Students pursuing this combined program concentrate in chemistry—the central natural science that interfaces physics and mathematics with the life sciences.

Departmental advising is absolutely crucial for students pursuing this demanding major. As with all majors and minors offered by the Department of Chemistry, Principles of Biology I and II (BIOL-UA 11, 12) are not required for this major; however, prehealth students must take this sequence in addition to the major requirements outlined below. In addition, students must satisfy all requirements of the College Core Curriculum (the First-Year Seminar, foreign language, expository writing, and Foundations of Contemporary Culture). Careful planning is necessary to ensure that all major, prehealth, and College Core Curriculum requirements can be completed in four years.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester.
The following are the twenty-one courses (90 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20)
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Chemistry core courses (eight courses/36 points):
• General Chemistry and Laboratory I and II (CHEM-UA 125, 126). The one-semester Accelerated General Chemistry and Laboratory (CHEM-UA 129; 6 points) may be taken by qualified students and substitutes for this sequence.
• Organic Chemistry and Laboratory I and II (CHEM-UA 225, 226) or Majors Organic Chemistry and Laboratory I and II (CHEM-UA 227, 228)
• Physical Chemistry: Quantum Mechanics and Spectroscopy and Physical Chemistry: Thermodynamics and Kinetics (CHEM-UA 651, 652)
• Biochemistry I and II (CHEM-UA 881, 882)

Additional required courses in science and mathematics (four courses/18 points):
• Mathematics (two courses/8 points):
  ○ Calculus I and II (MATH-UA 121, 122). Advanced Placement credit for Calculus II (a score of 5 on BC Calculus) is not accepted for this major requirement. Students with this AP credit must either (1) take Calculus II at NYU and forfeit 4 of the 8 AP credits, or (2) register for one of the following: Mathematics of Chemistry (CHEM-UA 140), Calculus III (MATH-UA 123) or Linear Algebra (MATH-UA 140), using the BC credits as a prerequisite.

• Physics (two courses/10 points):
  ○ General Physics I and II (PHYS-UA 11, 12). Credit for AP Physics C: Mechanics is accepted for
PHYS-UA 11 and credit for AP Physics C: Electricity and Magnetism is accepted for PHYS-UA 12, but only for students who are not prehealth. No other AP or equivalent international credit is accepted. (Because of medical, dental, etc., school admissions requirements, students on the prehealth track cannot use AP Physics C credit to place out of either or both semesters of General Physics.)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or chemistry, by advisement.
  For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

Global Public Health/History

The global public health/history major provides a unique opportunity to unite the study of human experience in relation to particular times and places with the study of health of populations around the world. The major draws on the expertise of the CAS Department of History in providing students with the tools needed to analyze and interpret many different kinds of evidence—cultural, social, economic, and political—and to organize them into a coherent whole, presented clearly in written or oral form. Students will study a variety of topics, such as environmental history, ethnicity, sexuality, epidemiology, health policy, gender, and social movements. NYU’s global public health/history major provides a unique set of skills that may be applied in a variety of careers including law, teaching, public health, business, film, international affairs, and medicine and science.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who
Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.

Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

History requirements (two courses/8 points):
- One workshop (HIST-UA 900-999; excluding 994, 996, 980 and 997)
- One capstone seminar (HIST-UA 400-499)

History electives (four courses/16 points):
- Four courses numbered above HIST-UA 101. Students must take at least one pre-1800 course and at least one course in each of these three regions: U.S., non-Western, and European. All must be advanced.

Major electives (three courses/12 points):
- Three additional electives must be completed in the GPH program or history, by advisement.
  - For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
  - Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

**Global Public Health/Sociology**

This major draws on the Department of Sociology’s strength in theoretical creativity and substantive empirical research on important social issues. Global public health/sociology graduates may go on to a diverse array of careers in law, health, public administration, and social service, as well as further graduate study in sociology, public health, or related disciplines.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester.

The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
- Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
- Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
- Epidemiology for Global Health (UGPH-GU 30)
- Health Policy in a Global World (UGPH-GU 40)
- Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Sociology requirements (four courses/16 points):
• Introduction to Sociology (SOC-UA 1)
• Sociological Theory (SOC-UA 111)
• Research Methods (SOC-UA 301)
• Advanced Seminar in Sociology (SOC-UA 934 through 939)

Sociology electives (two courses/8 points), to be chosen from the list below. Electives not listed require the approval of the director of undergraduate studies:
• Sex and Gender (SOC-UA 21)
• Race and Ethnicity (SOC-UA 135)
• Wealth, Power, Status: Inequality in Society (SOC-UA 137)
• Social Policy in Modern Societies (SOC-UA 313)
• Sociology of Medicine (SOC-UA 414)
• The Family (SOC-UA 451)
• Immigration (SOC-UA 452)
• Cities, Communities, and Urban Life (SOC-UA 460)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or sociology, by advisement. For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

COURSES

The six core GPH courses below (required of all majors) are offered and are taught by expert faculty from by the School of Global Public Health throughout GPH.

Note: in the GPH/biology concentration, students substitute Biostatistics (BIOL-UA 42) for UGPH-GU 20 (see
Global Public Health problems and their solutions are analyzed in light of individual risks as well as larger structural factors. How behaviors associated with health risks are shaped by, and in turn shape, larger social contexts. Successes and challenges of various interventions and programs. Biomedical consequences, epidemiology, and global public health approaches.

Public Health Entrepreneurial Ventures
UGPH-GU 80 Prerequisites: Epidemiology for Global Health (UGPH-GU 30) and Health Policy in a Global World (UGPH-GU 40). 4 points.
Creating sustainable and scalable public health business models, either as stand-alone entities or within a larger corporation, to address public health needs.
Topics in Public Health:
Controversies and Debates
UGPH-GU 90  4 points.
Should we mandate vaccination, limit smoking in public places, try to change eating and drinking habits, or introduce stricter traffic safety measures? Do such initiatives infringe on personal rights or stigmatize certain groups? Social, medical, and ethical examination of 150 years of public health debates in the U.S.

Public Health Research Seminar
UGPH-GU 100  Prerequisites: Biostatistics for Public Health (UGPH-GU 20) and Epidemiology for Global Health (UGPH-GU 30). 4 points.
Research design and methods: peer-reviewed literature and disciplinary theory, constructing conceptual models, framing research questions, and analysis of quantitative data for a final paper.

History of Medicine
UGPH-GU 158  Identical to HIST-UA 158. 4 points.
The impact of infectious disease and epidemics throughout American history. Considers medical research and practice, as well as effects of disease upon different segments of the population.

College of Arts and Science Courses
For descriptions of the CAS courses that are required for the combined global public health majors, please see the relevant departmental sections of this Bulletin.
The Skirball Department of Hebrew and Judaic Studies offers one of the most comprehensive Jewish studies programs in North America for undergraduate students. Courses are taught in Hebrew language and literature as well as in Jewish history and culture from the ancient world to the present. The department’s internationally-renowned faculty includes specialists in Biblical and ancient Near Eastern studies, Second Temple Judaism (including Dead Sea Scrolls), Talmud and rabbinics, medieval and modern Jewish history, medieval and modern Jewish philosophy and thought, Jewish mysticism, modern Hebrew and Yiddish literatures, and the history, politics, and society of modern Israel.

The department offers a major and minor in Hebrew and Judaic studies. Highly motivated students are encouraged to participate in the department’s honors program, which includes taking graduate courses or honors seminars and, in the senior year, writing an honors thesis under the supervision of a faculty member. Students are also encouraged to study at the NYU Global Academic Center in Tel Aviv, Israel, which offers a variety of courses on Israel and Jewish studies.

FACULTY

Professors Emeriti
Y. Feldman, Ivry, Levine, Smith
Ethel and Irvin A. Edelman Professor of Hebrew and Judaic Studies
Jassen
Maurice R. and Corinne P. Greenberg Professor of Holocaust Studies
Engel

Judge Abraham Lieberman
Professor of Hebrew and Judaic Studies
Schiffman

Skirball Professor of Bible and Ancient Near Eastern Studies
Fleming

Skirball Professor of Modern Jewish History
Kaplan

Skirball Professor of Talmud and Rabbinic Literature
Rubenstein

Paul and Sylvia Steinberg
Professor of American Jewish Studies
Diner

Marilyn and Henry Taub Professor of Israel Studies
Zweig

Professor
Hary

Associate Professors
Gottlieb, Russ-Fishbane

Assistant Professors
Feldman, Henig

Clinical Professors
Estraikh, Roth

Senior Language Lecturer
Kamelhar

Language Lecturers
Ben-Moshe, Mayer
PROGRAM

Major

A major in Hebrew and Judaic studies requires a minimum of nine 4-point courses (36 points) completed with a grade of C or better. Courses graded Pass/Fail do not count toward the major. At least one course must be completed in each of four chronological divisions: biblical, ancient/rabbinic, medieval, and modern. Students must also demonstrate proficiency in Hebrew language equivalent to Intermediate Hebrew II (HBRJD-UA 4). A minimum of five courses (20 points) must be taken in residence at NYU or at one of NYU’s Global Academic Centers (including NYU Tel Aviv). Only one course may be double-counted toward the requirements of another department.

Minor

A minor in Hebrew and Judaic studies requires the completion, with a grade of C or better, of four 4-point courses (16 points) from the department’s offerings. Courses graded Pass/Fail do not count toward the minor. All Hebrew courses may be counted toward the minor. A minimum of two courses (8 points) must be taken in residence at NYU or at an NYU Global Academic Center. Only one course may be double-counted toward the requirements of another department. The minor must consist entirely of content courses (i.e., cannot contain any language courses) in order to exempt students from the College Core Curriculum’s Expressive Culture requirement.

Honors Program

Students who have been in residence at New York University for at least two full years, completed 64 points of graded work, and maintained GPAs (overall and major) of at least 3.65 may apply for the honors program. As part of their major requirements, honors students must complete at least two graduate courses or honors seminars in the department. In addition to the major requirements, students must register for Independent Study (HBRJD-UA 997 or HBRJD-UA 998, 4 points) for the purpose of writing an honors thesis under the supervision of a department faculty member. The subject of the honors thesis and the faculty adviser are to be chosen in consultation with the director of undergraduate studies.

COURSES

Hebrew Language Courses: General Information

The College Core Curriculum foreign language requirement is fulfilled by completion of the standard four-semester sequence of Elementary and Intermediate Hebrew (HBRJD-UA 1 through HBRJD-UA 4).

All students wishing to enroll in a Hebrew language course who possess any exposure to or knowledge of the language must take a placement examination, whether they have formally studied Hebrew previously or not. Placement of students in Hebrew language courses is explained in the academic policies section of this Bulletin under the heading “placement examinations.” Under no circumstances may students decide on their own in which level of Hebrew they belong.

Introductory Language Courses

Elementary Hebrew I

HBRJD-UA 1 Offered every semester. 4 points.

Active introduction to modern Hebrew as it is spoken and written in Israel today. Presents the essentials of Hebrew grammar, combining the oral-aural approach with formal grammatical concepts. Reinforces learning by reading of graded texts. Emphasizes the acquisition of idiomatic conversational vocabulary and language patterns.

Elementary Hebrew II

HBRJD-UA 2 Offered every semester. 4 points.

Continuation of Elementary Hebrew I (HBRJD-UA 1). Open to students who have completed HBRJD-UA 1 or who have been placed at this level through the placement examination.
Intermediate Hebrew I
HBRJD-UA 3  Offered every semester.
4 points.
Open to students who have completed Elementary Hebrew II (HBRJD-UA 2) or those who have been placed at this level through the placement examination. Builds on skills acquired at the elementary level and develops a deepening command of all linguistic skills. Modern literary and expository texts expand vocabulary and grammatical knowledge, with conversation and composition exercises built around the texts. Introduces selections from Israeli media. Addresses the relationship between classical and modern Hebrew.

Intermediate Hebrew II
HBRJD-UA 4  Offered every semester.
4 points.
Continuation of Intermediate Hebrew I (HBRJD-UA 3). Open to students who have completed HBRJD-UA 3 or who have been placed at this level through the placement examination.

Advanced Language Courses

The prerequisite for all advanced language courses is Intermediate Hebrew II (HBRJD-UA 4) or the equivalent.

Hebrew Language through Film
HBRJD-UA 10  Offered every other year.
4 points.
Aspects of Israeli society as portrayed in primarily 21st century Israeli films and television: immigration and immigrants, ethnic groups within Israeli society, religious communities and their relationship to the secular world, the kibbutz, periphery vs. center, the Israeli-Arab conflict, and military service. Focus on the Hebrew language’s various registers and their manifestation in different social contexts and genres.

Advanced Hebrew I
HBRJD-UA 11  Offered periodically. 4 points.
Trains students in exact and idiomatic Hebrew usage and encourages facility of expression in both conversation and writing. Reading and discussion of selections from Hebrew prose, poetry, and current periodical literature.

Advanced Hebrew: Israeli Communications
HBRJD-UA 73  Offered every other year.
4 points.
Extensive selections from a representative range of Israeli media, including newspapers, magazines, and broadcasting. Stresses study of various approaches in the different media, as well as practical exercises in comprehending Israeli press styles.

Jewish History and Civilization

Ancient Israel
CORE-UA 514  Offered every semester.
Fleming, Jassen, Schiffman. 4 points.
See description under Foundations of Contemporary Culture in this Bulletin.

Modern Israel
CORE-UA 537  Offered every semester.
Engel, Zweig. 4 points.
See description under Foundations of Contemporary Culture in this Bulletin.

The Bible as Literature
HBRJD-UA 23  Identical to RELST-UA 23.
Lecture. Offered every year. 4 points.
Approaches the Bible as a “full-fledged kindred spirit” of modernism through a broadly literary approach. The focus is on narrative—the Pentateuch (Genesis to Deuteronomy), the Former Prophets (Joshua to Kings), and the shorter narrative books (Ruth, Jonah, and Esther)—but also studies Ecclesiastes and Job as ancient precursors to modern skepticism. Examines one modernist engagement with the Bible: Kafka’s Amerika.

Israeli Music: Contesting National Culture
HBRJD-UA 29  Seminar. Offered periodically. 4 points.
Examines the musical construction of Israeli national identity. Students think critically about the political and cultural aspects of music and other expressive forms; become acquainted with Israeli society, culture, and identity politics; develop a sophisticated understanding of contemporary Israeli music; enhance their understanding of the theoretical literature on nationalism, postnationalism, and globalization; and learn the fundamentals of performance and discourse analysis.

Modern Hebrew Literature in Translation
HBRJD-UA 76  Formerly From Hebrew to Israeli Literature. Identical to MEIS-UA 713.
Conducted in English. Lecture. Offered every third year. Feldman. 4 points.
Representative works of modern Hebrew literature from the writers of the Hebrew national renaissance of the late 19th century to the present. Focuses on thematic and structural analysis of texts in light of social and intellectual movements of the period. Readings include selections from Peretz, Berdichevsky, Ahad Ha’am, Gnessin, Brenner, Agnon, Hazaz, Yehoshua, and Appelfeld.

Introduction to Judaism
HBRJD-UA 102  Lecture. Offered every January term. Jassen. 4 points.
Introduces a historical narrative of the Jewish people and the beliefs and practices of the Jewish religion. Topics: Bible in Judaism; rabbinic literature; theology; Jewish mysticism (Kabbalah) and philosophy; Jewish law; Jewish nationalism; anti-Semitism; messianism; culture and identity; the synagogue; ritual and worship; life cycle; festivals and calendar. Visits to the Jewish Museum, The Center for Jewish History, the Eldridge Street Synagogue, the Lower
East Side, and the second cemetery (1805-29) of the Spanish and Portuguese community.

**Modern Jewish History**
HBRJD-UA 103  Identical to HIST-UA 99. Lecture. Offered every other year. Engel. 4 points.
Major developments in the history and culture of the Jews from the 16th to the 20th centuries, emphasizing the meanings of modernity in the Jewish context, differing paths to modern Jewish identity, and internal Jewish debates over the relative merits of modern and traditional Jewish values.

**Ancient Near Eastern Mythology**
HBRJD-UA 125  Identical to MEIS-UA 607. RELST-UA 125. Lecture. Offered every other year. Flemming. 4 points.
Students read myths from ancient Egypt, Mesopotamia, Ugarit, Anatolia, and Israel, studying them as literary works and exploring the ideas and broader issues that shaped them. These myths, including both extensive literary masterpieces such as the *Epic of Gilgamesh* and shorter works such as the Flight of *Etana to Heaven*, offer a window into the religious mentality of the ancient Near East.

**Introduction to the Hebrew Bible (Old Testament)**
HBRJD-UA 126  Identical to MEIS-UA 809. RELST-UA 809. Lecture. Offered every other year. Flemming. 4 points.
Introduces students to the modern study of the Bible from historical, literary, and archaeological points of view. Reading and analysis of texts in translation.

**Jews and Christians in the Ancient World**
HBRJD-UA 128  Identical to RELST-UA 611. Lecture. Offered every other year. Reed. 4 points.
Explores the early history of Judaism and Christianity. Key questions: are we to use self-definition, typology, or both in formulating religious categories? How do certain categories help or hinder our understanding of religious and other social phenomena? What is the relationship between ideology and the social world? How do we learn about the real world from literary evidence?

**The Dead Sea Scrolls, Judaism, and Christianity**
HBRJD-UA 131  Identical to RELST-UA 807, MEIS-UA 807. Lecture. Offered every year. Jassen, Schiffman. 4 points.
Survey of the importance of the Dead Sea Scrolls for the history of early Judaism and Christianity. Reading and discussion of English translations of the major texts.

**Anti-Semitism: Then and Now**
HBRJD-UA 137  Lecture. Offered periodically. Russ-Fishbane. 4 points.
The roots of anti-Jewish animosity begin in antiquity, taking on many forms throughout the history of Christian Europe. Anti-Semitism takes a new racial and political turn in the modern period, both in Christian and Muslim societies, on the far right and the far left of the political spectrum. Lectures and discussion address the long history of anti-Semitism.

**Conceptions of Gender in Ancient Egypt**
HBRJD-UA 138  Lecture. Offered periodically. Roth. 4 points.
Examines archaeological remains, artistic representations, and texts throughout the pharaonic period. Topics include: gender relations in Egyptian myths (and whether they reflect Egyptian society generally); roles of royal women; conventions of masculinity in Egyptian art; representations of gender in adults and children; gender-based misunderstandings in international relations with the Levant, Mesopotamia, and classical Greece and Rome; and the problem of female political power.

**Apocalypse and the End of Days**
HBRJD-UA 139  Identical to RELST-UA 690. Lecture. Offered periodically. Jassen. 4 points.
Jewish and Christian apocalypses express their authors’ most profound thoughts, anxieties, and hopes about the mysteries of the creation of the world, the relationship between God and humanity, the nature of evil, and, most prominently, expectations about the impending end of the world. Examines ancient Jewish and Christian apocalyptic texts and the ongoing influence of apocalyptic ideas in modern religious movements and contemporary culture.

**Yiddish in America**
HBRJD-UA 144  Lecture. Offered every other year. Estraikh. 4 points.
Examines the Yiddish press, theatre, cinema, scholarship, and literature from the age of mass migration at the turn of the twentieth century to our days. Discusses the role of Yiddish in education, religion, and other domains of American Jewish life, both historically and in contemporary times.

**Jews and Muslims: Perceptions and Polemics**
HBRJD-UA 145  Lecture. Offered periodically. Russ-Fishbane. 4 points.
Examines the intricate relations between Jews and Muslims from the formative period of Islam in the Middle Ages to the exodus of Middle Eastern and North African Jewish communities in the twentieth century to religious and political tensions in contemporary times. Considers not only the complex dynamics of perceptions and relations in the past, but also the human, cultural, and political ramifications of this vital historical relationship in the present. Examination of religious texts, historical documents, memoir literature, music, and film.
**Ancient Egyptian Mythology and Religion**  
HBRJD-UA 150  Lecture. Offered periodically. Roth. 4 points.
Focusses on key aspects of Egyptian religion: conceptions of the divine in a polytheistic context, temple ritual, hymns, personal piety, the relationship between religion and magic, mortuary religion and its evolution and material consequences. Questions approached through study of the primary sources in English translation—myths (very broadly conceived), other religious writings (including mortuary texts such as the Book of the Dead and the Underworld books)—and of art and artifacts connected with religious practice, such as amulets and votives.

**Jesus and Judaism**  
HBRJD-UA 158  Identical to RELST-UA 158. Lecture. Offered periodically. Reed. 4 points.
Explores the Jewishness of Jesus and its reception within ancient, medieval, and modern Judaism. Situates Jesus and his first followers in relation to the Jewish religion and culture of their time, considering the place of Judaism in the origins of Christianity. Explores reactions to Jesus’ Jewishness within later Jewish literature, art, and philosophy. Surveys the history of Jewish/Christian relations from antiquity to the present.

**Religion, Race, and Economics: An Introduction to American Jewish History**  
HBRJD-UA 172  Identical to HIST-UA 589. Lecture. Offered every other year. Diner. 4 points.
Study of the major events and personalities in American Jewish history since colonial times: the waves of Jewish immigration and the development of the American Jewish community.

**Judaism in America**  
HBRJD-UA 173  Identical to RELST-UA 689. Lecture. Offered periodically. Gottlieb. 4 points.
Explores the origin, development, and future of American Judaism, with a focus on the development of the major religious denominations, the emergence of secular Judaism and the impact of factors such as immigration, feminism, sub-urbanization, the Holocaust, and the State of Israel on American Jewish life.

**Zionism and the State of Israel**  
HBRJD-UA 180  Lecture. Offered every other year. Engel. 4 points.
Key questions: What were the historical circumstances in which, toward the end of the nineteenth century, an organized movement known as Zionism coalesced around a program aimed at establishing “a home for the Jewish people in Palestine”? What actions did the Zionist movement undertake and what ideas did it advance? What historical conditions aided and impeded the Zionist movement in its efforts and helped shape its activities and ideas? How have ideas fostered by the Zionist movement influenced the political, social, and cultural life of the State of Israel since its establishment?

**Jewish Women in Modern History**  
HBRJD-UA 185  Identical to HIST-UA 541. Seminar. Offered periodically. Diner. 4 points.
Explores the social, cultural, and political histories of Jewish women in Europe and the United States from the French Revolution through World War II, focusing on the era of Emancipation, the bourgeois 19th century, both World Wars, and the Holocaust. Examines the options women had, the boundaries against which they pushed, and the roles they created for themselves in public and in private. Students read secondary sources as well as memoirs, diaries, and letters.

**Russian Jewish History**  
HBRJD-UA 191  Lecture. Offered every other year. Estrakh. 4 points.
Jewish history in imperial Russia, from the end of the 18th century to the beginning of the 20th, and an overview of the Soviet and post-Soviet periods. Topics: the government’s policies toward Jews; attempts to integrate them into society; establishment and development of Russian Jewish civil society; Jewish participation in the revolutionary movement; aspects of Jewish social, economic, and cultural life in villages, towns, and cities; the role of women in family and communal life; anti-Jewish violence; and emigration.

**Palestine, Zionism, and Israel**  
HBRJD-UA 193  Lecture. Offered periodically. 4 points.
Survey of the history of Palestine in the modern period, focusing on the conflict for control of this land from its origins in the late nineteenth century until the present. Examines the evolution of this ongoing struggle in its historical context explores why the various parties to this conflict have thought and acted as they have.

**Western Europe: Comparative Perspectives—Italy, Germany, France**  
HBRJD-UA 200  Lecture. Offered periodically. Kaplan. 4 points.
Western European Jewish life from Emancipation through the early 20th century, the Holocaust, and the immediate postwar turmoil, with special attention to Germany, Italy, and France. Explores interactions of Jews and other Western Europeans, examines their interlocking histories and memories, and considers how Europeans did or did not come to terms with the Fascist and Nazi past.
Varieties of Mystical Experience  
HBRJD-UA 240  Identical to RELST-UA 240. Lecture. Offered periodically. 4 points.  
Mysticism occupies a central place in the study of religion as a lived and trans-sensational experience. Key approaches to the study of mysticism from the lens of comparative religion, religious theory, and neuroscience. Exposes students to classic mystical texts in the monotheistic traditions of Judaism, Christianity, and Islam.

Life in the Tenements: The Public History of the Lower East Side  
HBRJD-UA 286 Seminar. Offered periodically. Diner. 4 points.  
Explores the world of the Lower East Side from the 1830s through the latter part of the 20th century, using the setting and resources of the Lower East Side Tenement Museum. Primary and secondary readings that treat the family, work, entrepreneurial, and religious experiences of immigrants.

Issues in Israel's Social History  
HBRJD-UA 419 Offered periodically. 4 points.  
From the mass arrival of Middle Eastern Jewry in the 1950s to the emergence of the tent protests in 2011, a wide range of issues, conflicts, and dilemmas shaped the historical trajectory of Israeli society. Topics include: historical impact of Zionist and Socialist ideology on society; significance of street art and graffiti in Israel; intra-Jewish ethnic conflicts; influence of Jewish and Arab nationalisms on Israeli Arabs; feminist debates in Israeli society.

Jewish Mysticism and Hasidism  
HBRJD-UA 430 Identical to MEDI-UA 430, RELST-UA 104. Lecture. Offered every year. 4 points.  
Introduction to the history of the Kabbalah and Hasidism, emphasizing the impact of these ideas on the history of Judaism.

Israeli Cinema: The Changing Uses of the Moving Image  
HBRJD-UA 500 Seminar. Offered periodically. Zweig. 2 points.  
In the pre-State period (to 1948) the Zionist movement mobilized support through the camera lens, projecting a specific image of Palestine/the Land of Israel and an idealized view of the creation of a new Hebrew nation. Following the creation of Israel, film was an important means of social integration, creating shared images of the dramatic events surrounding the creation of the nation and its early years. Broad consideration of the political and social dimensions of cinema.

Yiddish Literature in Translation  
HBRJD-UA 664 Lecture. Offered every year. Estraihkh. 4 points.  
Literary and cultural activity of Yiddish-speaking Jewish communities in Eastern Europe, the Soviet Union, and the United States from 1890 to 1950. Focuses on the distinct role that Yiddish played in modern Jewish culture during the first half of the 20th century and examines how “Yiddish modernism” took shape in different places and spheres of activity.

The Holocaust: The Third Reich and the Jews  
HBRJD-UA 685 Identical to HIST-UA 808. Lecture. Offered every year. Engel. 4 points.  
Historical investigation of the evolution of Nazi policies toward Jews; of Jewish behavior in the face of those policies; and of the attitudes of other countries, both within and outside the Nazi orbit.

Jewish Europe after the Holocaust  
HBRJD-UA 689 Identical to HIST-UA 18. Lecture. Offered every year. Estraihkh. 4 points.  
The social, political, and cultural forces that shaped Jewish life in post-1945 Europe. Topics include reconstruction of Jewish communities, repression and anti-Semitic campaigns in the Soviet Union and Poland, the impact of Israel, emigration and migration, Jewish-Christian relations, assimilation and acculturation, and reactions to the Holocaust.

Israeli Politics and Society  
HBRJD-UA 710 Lecture. Offered every year. 4 points.  
The power structure and mechanisms of contemporary Israeli politics beginning with the emergence of the provisional government in 1948. How Israel’s national institutions, the legislation mechanism, and electoral system developed. Key fault lines in Israeli social, political, and economic life, including Jewish-Arab relations; the balance between the welfare state and economic liberalism; and gender relations.

Hebrew Revival Literature: Modernism and Nationalism in the 20th Century  
HBRJD-UA 760 Prerequisite: None. Conducted in English. Seminar. Offered every other spring. Henig. 4 points.  
In the beginning of the twentieth century, Hebrew literature became a major site of transformation and reform. But how could “modern” literature be written in a non-spoken, holy tongue? Identifying literature as a modern institution entwined with the rise of nationalism, students examine the links between modernist poetics and the nationalist imagination. No prior knowledge of Hebrew is required. All texts are available in English translation.

Modern American Jewish Literature and Culture  
HBRJD-UA 779 Identical to COLIT-UA 779 Lecture. Offered periodically. 4 points.  
Explores the body of imaginative literature (novels, short stories, poetry, and drama) written by American Jews. Links these literary works to the changing position of Jews within American society.
Israel: Fact through Film and Fiction
HBRJD-UA 780  Identical to MEIS-UA 698. Conducted in English. Lecture. Offered every two years. 4 points.
Israeli cinema’s artistic achievements and gutsy in-depth engagement with political, social, and sex-and-gender borders and boundaries that are local and universal at one and the same time. We explore some of the high points of recent Israeli cinema and ask how its treatment of these issues compares to and differs from analogous literary representations in contemporary Hebrew fiction.

Readings in Talmud (in Hebrew)
HBRJD-UA 784  Seminar. Offered every year. Schiffman. 2 points.
Selections from the Hebrew and Aramaic text of the Babylonian Talmud, utilizing both traditional and academic methods of study. Emphasis is on mastering the themes and concepts while studying the text and its commentaries in depth.

Rabbinic Responses to Modernity
HBRJD-UA 845  Formerly History of Halakhah: Custom in Jewish Law.
Prerequisite: reading knowledge of rabbinic literature (Hebrew and Aramaic). Seminar. Offered periodically. Russ-Fishbane. 2 points.
Explores the variety of Orthodox rabbinic responses to the complex challenges of modernity. Key questions posed to rabbinic authorities on urgent topics of the day from the 19th to the 21st century, including the novelty of secular education, the impact of religious reform, the effects of political change and democratic development, and advances in technology and medicine.

Seminar in the Archaeology of Israel
HBRJD-UA 960  Lecture. Offered periodically. 4 points.
The archaeology of Israel has a long and important history for understanding the people and literature connected to its land. Introduces the principal theories and methods of archaeological research and the history of the land, with a focus on the Hellenistic and Roman periods. Studies several significant sites and the material culture of the land.

Jewish Philosophy and Thought
A Book Forged in Hell: Spinoza’s Theological-Political Treatise and the Birth of Modern Judaism
HBRJD-UA 107  Formerly Spinoza and Jewish Philosophy. Identical to RELST-UA 107. Lecture. Offered every other year. Gottlieb. 4 points.
Baruch Spinoza (1632–1677) has been called the quintessential modern religious critic. We examine Spinoza’s critique of Judaism in the context of his medieval Jewish philosophical predecessors. Topics: Are miracles possible? What is prophecy? Are the Jews the chosen people? Is Jewish law (halakha) obligatory?

Modern Jewish Thought
HBRJD-UA 112  Lecture. Offered periodically. 4 points.
Emphasizes the effects of modernity on traditional Judaism. Topics include the Enlightenment and the rationalistic identity; the role of ethics in religion; the emergence of Reform, neo-Orthodox, and Conservative Judaism; liberal rationalist theology and the possibility of revelation; religious and secular Zionism; the Holocaust; and the creation of the modern State of Israel.

Early History of God
HBRJD-UA 116  Identical to RELST-UA 220. Lecture. Offered every year. Fleming. 4 points.
Explores evidence concerning the appearance of monothelism in ancient Israel, including the Hebrew Bible, ancient writing from Israel and its neighbors, and a range of other artifacts. Posits that Israel was not alone in ascribing priority of power to a single god, and that Israel’s monotheism is comprehensible only in the context of these wider currents.

Jewish Ethics
HBRJD-UA 117  Identical to RELST-UA 117. Lecture. Offered every year. Rubenstein. 4 points.
Surveys Jewish ethical perspectives on leading moral issues, including capital punishment; business ethics; self-sacrifice, martyrdom, and suicide; truth and lying; the just war; abortion; euthanasia; birth control; and politics. Explores philosophical questions concerning the nature of ethics and methodological issues related to the use of Jewish sources. Examines classical Jewish texts (Bible, Talmud, and medieval codes) pertaining to ethical issues and discusses the range of ethical positions that may be based on the sources.

Living a Good Life: Greek and Jewish Perspectives
HBRJD-UA 422  Identical to PHIL-UA 422 and RELST-UA 422. Lecture. Offered every one to two years. Gottlieb. 4 points.
What makes a life well-lived? Central questions include: Does living well require acquiring knowledge and wisdom? What is the place of moral responsibility in the good life? Is the good life a happy life or does it require sacrificing happiness? Does religion lead to living well or does it hinder it? What is friendship and how does it contribute to the good life? Thinkers may include Aristotle, Seneca, Maimonides, Glikl, Spinoza, and Levinas.

Creating a Good Society: Christian and Jewish Perspectives
HBRJD-UA 428  Identical to PHIL-UA 428 and RELST-UA 428. Recommended prerequisite: Living the Good Life: Greek and Jewish Perspectives (HBRJD-UA 422).
Seminar. Offered every one to two years. Gottlieb. 4 points.

Jewish Mysticism: Literature and Legacy of the Kabbalah
HBRJD-UA 435  Identical to MEDI-UA 435. Lecture. Russ-Fishbane. 4 points.
Examines the central teachings and ongoing legacy of Jewish mysticism from its classical origins to modern times, with special emphasis on Kabbalah, Hasidism, and modern movements of Jewish renewal. Students will study core texts of the mystical tradition as the starting point, while paying close attention to alternative forms of creative expression, from poetry and storytelling to music and dance.

Special Courses and Independent Study

Topics in Judaic Studies
HBRJD-UA 177  Lecture. Offered every year. 4 points per term.
Topics vary by semester.

Topics in Archaeology
HBRJD-UA 590  Topics determine prerequisites. Lecture. 2 to 4 points per term.
Various topics in archeology and Ancient Israel, including culture and history, language studies and literature, and Bible and Talmud.

Topics in Israel Studies
HBRJD-UA 948  Lecture. Offered every semester. 2 to 4 points per term.
Topics vary by semester.

Topics in the Bible and Ancient Near East
HBRJD-UA 949  Lecture. Offered every year. 2 to 4 points per term.
Topics vary by semester.

Topics in Modern Jewish History
HBRJD-UA 950  Lecture. Offered every year. 2 to 4 points per term.
Topics vary by semester.

Independent Study
HBRJD-UA 997, 998  Open to both honors and non-honors students. Prerequisite: permission of the instructor. Offered every semester. 1 to 4 points.
ALEXANDER S. ONASSIS PROGRAM IN
Hellenic Studies

OVERVIEW
The Alexander S. Onassis Program in Hellenic Studies provides students with a comprehensive and interdisciplinary understanding of the language, literature, history, and politics of Greece. Through a wide range of courses, students are exposed to a polyphony of viewpoints that help elucidate the historical and political experiences of Byzantine, Ottoman, and modern Greece; the ways in which Greece has borne its several pasts and translated them into the modern era; Greece and its relations to Western Europe, the Balkans, the Middle East, and Mediterranean cultures; and the distinguished literary and artistic traditions of a country that many regard as the birthplace of Western civilization, even as these traditions exhibit their multicultural contexts.

The Arts and Science summer program in Athens combines classroom study of the language, history, and culture of Greece with extracurricular activities and excursions that introduce students to all aspects of Greek life. The program offers a wide range of courses on such subjects as the Greek language, Greek literature and photography, Greek drama, Greek political history, the city of Athens, and the archaeology of Greece. Classes are held at our new facility in Athens, conveniently located in Kolonaki neighborhood and the historical center of Athens. Activities include walking tours of Athens, visits to monuments and museums, and evening outings to dramatic and musical performances. Weekend excursions include trips to several Greek islands and to important historical and archaeological sites. Relevant courses taken in this summer program count toward the major or minor as regular courses.

FACULTY

Professors
Fleming, Mitsis
Clinical Professor
Theodoratou

Clinical Associate Professor
Venetsanos
Visiting Professors
Astrinaki, Taxidou

Affiliated Faculty
Connelly, Geroulanos, Konstan, Kotsonis, Kowalzig

PROGRAM

Major: General Information
The major in Hellenic studies consists of nine 4-point courses (36 points) completed with a grade of C or better. Courses taken in the Arts and Science summer program in Athens count toward the major as regular courses. A solid foundation in the modern Greek language is a requirement for all majors. Upon declaring the major, a student is expected to enroll in Elementary Modern Greek I (HEL-UA 103) or take
a placement examination. By the end of their program, all students must demonstrate competence in modern Greek at the intermediate level through successful completion of two semesters of Intermediate Modern Greek (HEL-UA 105, 106) or equivalent performance on a placement examination.

**Major: Programs of Study**

Qualified students may choose from three tracks within the major:

**Track A: Language, Literature, and Culture**

This track provides students with a solid foundation in the modern Greek language and provides a comprehensive introduction to medieval and modern Greek literature and culture.

**Track B: Politics and History**

This track provides students with an interdisciplinary social science perspective on the medieval and modern Greek experience. Students may choose to concentrate their studies in history or politics, or create their own combination in consultation with the director of undergraduate studies.

**Track C: The Classical Legacy**

This track provides students with an interdisciplinary perspective on the reception of classical Greek thought in postclassical Greece.

Students in tracks A and B who have placed out of Intermediate Modern Greek I and II (HEL-UA 105, 106) are encouraged to take Advanced Modern Greek I and II (HEL-UA 107, 108). Track C students who place out of Intermediate Modern Greek I and II (HEL-UA 107, 108), or two semesters of ancient Greek in the Department of Classics. Also note that students in tracks A and C are allowed to count up to six courses (24 points) in Modern Greek language toward the major; students in track B are required to take up to at least four courses in Modern Greek (16 points) for the major, unless they have placed ahead in/out of this language.

All majors, regardless of their track, must complete:

- the Seminar on Modern Greek Culture (HEL-UA 130);
- and two specifically designated survey courses offered within the program.

Which two survey courses students choose depends on the disciplinary track that they select. Every student must take at least one designated survey course in his or her own track of concentration and one designated survey course from another track. (Students in track A should also take a track B survey; students in track B should also take a track A survey; and students in track C should also take one survey in track A or B.)

The following is a list of designated survey courses:

**Track A**

- Memory, History, and Language in Modern Greek Poetry (HEL-UA 120)
- Narrative, History, and Fiction in the Modern Greek Novel (HEL-UA 190)

**Track B**

- Modern Greek History (HEL-UA 159)
- History of the Byzantine Empire (HEL-UA 283)
- Modern Greek Politics (HEL-UA 525)
Track C

• Memory, History, and Language in Modern Greek Poetry (HEL-UA 120)
• Greek Tragedy and Modern Greece (HEL-UA 320)

Electives

Additional Hellenic studies courses are required to reach the total of nine courses for the major. The exact number of electives varies according to a student’s level of language proficiency upon entrance to the major. Subject to the approval of the director of undergraduate studies, cognate offerings in other departments or an approved internship may be counted toward the major. A sample list of cognate courses is available from the program office.

Minor

A minor in Hellenic studies requires four 4-point courses (16 points) offered by the program and competed with a grade of C or better. Students must demonstrate full intermediate proficiency in modern Greek language by successful completion of either a placement examination or Intermediate Modern Greek II (HEL-UA 106). Elementary Modern Greek I and II do not count toward the minor. Students should consult the director of undergraduate studies of the program prior to registering for courses in the minor. If the minor includes any courses in intermediate or advanced modern Greek, it cannot satisfy the Expressive Culture requirement of the College Core Curriculum (i.e., it must be composed entirely of content courses to satisfy Expressive Culture).

Honors Program

A degree in Hellenic studies is awarded with honors to students who complete nine courses (36 points) of graded work while maintaining an overall GPA of 3.65 and an average in the major of 3.65 and who successfully complete a program of original research leading to an honors thesis. Honors students are required to enroll in both Independent Study (HEL-UA 997) and Senior Honors Seminar (HEL-UA 999).

The thesis topic and the faculty adviser are chosen in consultation with the director of undergraduate studies. The average length of the paper is 40-60 pages. Honors students are encouraged, but not required, to take at least one appropriate graduate course in Hellenic studies.

Prize

The Rae Dalven Prize is a monetary prize awarded annually for the best term paper in the field of Hellenic studies. Submissions are not limited to Hellenic studies majors or minors.

COURSES

Arts and Science Summer in Athens

For information about this program, please visit our website.

Language and Literature

Elementary Modern Greek I, II
HEL-UA 103, 104  Open to students with no previous training in Greek and to others by permission of the instructor. Elementary I offered in the fall; Elementary II offered in the spring. 4 points per term.

Fundamentals of grammar, syntax, oral expression, listening comprehension, reading, and composition. Students develop the skills and vocabulary necessary to read simple texts and hold basic conversations. Students are introduced
to modern Greek culture, history, and society.

Intermediate Modern Greek I, II
HEL-UA 105, 106  Prerequisite for HEL-UA 105: Elementary Modern Greek II (HEL-UA 104); prerequisite for HEL-UA 106: HEL-UA 105, or permission of the instructor. Intermediate I offered in the fall; Intermediate II offered in the spring. 4 points per term.
Introduces more complex linguistic and grammatical analysis, advanced composition, and graded reading. Provides further practice in speaking and vocabulary acquisition. Readings and discussions of selected works of prose, poetry, and theatre serve as an introduction to aspects of modern Greek civilization and as an occasion for comprehensive discussions of contemporary Greek society.

Advanced Modern Greek I, II
HEL-UA 107, 108  Prerequisite for HEL-UA 107: Intermediate Modern Greek II (HEL-UA 106); prerequisite for HEL-UA 108: HEL-UA 107, or permission of the instructor. Advanced I offered in the fall; Advanced II offered in the spring. 4 points per term.
Enhances and perfects reading, speaking, conversational, and writing skills through the close study of literary texts, current newspaper articles and essays, films, advertisements, and comprehensive discussions of contemporary Greek society. Explores current social and political issues, events, and controversies in Greece and topics in popular culture.

Memory, History, and Language in Modern Greek Poetry
HEL-UA 120  No prerequisite. Offered every other year. 4 points.
A survey of 20th-century Greek poetry in its historical and cultural context. Among the poets studied are C. P. Cavafy; the Nobel laureates George Seferis and Odysseus Elytis; the Lenin Prize winner Yannis Ritsos; the surrealists Andreas Embricicos and Nikos Engonopoulos; the postwar generation of poets, including Miltos Sahtouris, Takis Sinopoulos, and Manolis Anagnostakis; and women poets, including Matsi Hatzilazarou and Kiki Dimoula. All texts are available in both Greek and English, and classes are conducted in English.

Seminar on Modern Greek Culture
HEL-UA 130  Offered every year. 4 points.
Topics vary. Please consult the program for more information.

Theatre and Medicine: From the Greeks to the Modern Stage
HEL-UA 134  Offered every year. 4 points.
Throughout history the stage has offered a platform for the expression of illness, disability, and trauma. Theatre also provides metaphorical ways of conceptualizing ideas of deformity, normality, deviance, and disability. We examine these themes in plays by, among others, Aeschylus, Sophocles, Euripides, William Shakespeare, Henrik Ibsen, August Strindberg, Oscar Wilde, Samuel Beckett, Jean Genet, Larry Kramer, and Tony Kushner.

Topics: Modern Greek Culture and Literature
HEL-UA 140  Offered every year. 4 points.
Topics vary. Please consult the program for more information.

Narrative, History, and Fiction in the Modern Greek Novel
HEL-UA 190  Identical to COLIT-UA 190. No prerequisite. Offered every other year. 4 points.
Structured around narrative technique and the claim to fact(s) and/or fiction(s) in Greece’s turbulent modern history. Selections also suggest some recurrent perspectives on questions of language, gender, and nation in Greece. Comparative reference is made to other Balkan, Mediterranean, European, and world literatures. All texts are available in both Greek and English, and classes are conducted in English.

The 20th-Century Balkans and Balkanization through Literature and Film
HEL-UA 193  Identical to COLIT-UA 193. Offered every other year. 4 points.
A selective study of the representation of the 20th-century Balkans through some of the most celebrated literary works and films of the region. Considers the presentation of, and contestation over, a shared historical past through common and divergent motifs, myths, and narrative devices. Also examines the region’s political and aesthetic relation to the West in this century.

Yannis Ritsos and the Tragic Vision
HEL-UA 229  Offered every other year. 4 points.
Ritsos’s poem The Fourth Dimension invokes the relations between memory, history, and language. Examines his poetic strategies by reading and reconstructing the classical intertexts that inform his work and analyzes his appropriations, distortions, revisions, and translations of classical texts.

Greek Tragedy and Modern Greece
HEL-UA 320  Offered every year. 4 points.
Classical Greek tragedy as re-imagined within the broader context of modern Greek culture from the early twentieth century to today. Issues of nationhood, tradition and modernity, classicism, and experimentation. Attention to the specific historical-political contexts (the civil war, the military dictatorship, and the contemporary crisis) of this dialogue with the ancients.
Greek Diaspora: 
Odyssean Metaphors from Homer to Angelopoulos
HEL-UA 333  Identical to COLIT-UA 333.
Offered every other year. 4 points.
How the structuring metaphors and foundational narratives of home and exile and of dispersal, settlement, and return have informed Greek myth and story in a variety of geographical and historical contexts: the diasporic communities of Greeks in Renaissance Venice, in European urban centers prior to nation-building in the 18th-century Enlightenment, in Alexandria and Smyrna (now Izmir) during the late 19th and early 20th centuries, in Cyprus, and in the United States.

From Classicism to Afrocentrism: Greece in the West, 1453 to the Present
HEL-UA 444  Identical to COLIT-UA 444.
Offered every other year. 4 points.
Critical interpretation of Western conceptions of the idea of Greece, the Hellenic, and the Greeks in a variety of contexts: classical humanism, classical philology, philhellenism, exoticism, orientalism, Hellenism as paganism, aesthetics, homosexuality, romantic nationalism, racism, the Hellenic vs. the Hebraic, and Afrocentrism. Features modern Greek appropriations of, and resistances to, such projections.

Greek Thinkers
HEL-UA 700  Identical to CLASS-UA 700.
4 points.
See course description under classics.

Politics

Modern Greek Politics
HEL-UA 525  Offered periodically. 4 points.
Focuses on the socioeconomic and political issues that have defined the nation’s shifting political systems. Topics include the Civil War, the rise and fall of authoritarianism, the transition to democracy, the rise of the Socialist party, Greek nationalism, and the impact of European integration. Emphasis on the cross-cultural contexts of these topics, especially in terms of the relations and conflicts between modern Greece and Western, Eastern, and Balkan cultures.

History

See course descriptions under history in this Bulletin.

Byzantine Civilization
HEL-UA 112  Identical to HIST-UA 112, MEDI-UA 112. 4 points.

Modern Greek History
HEL-UA 159  Identical to HIST-UA 159. 4 points.

Topics: Byzantine History
HEL-UA 283  Identical to HIST-UA 283. 4 points.

Greece and Western Europe
HEL-UA 297  Identical to HIST-UA 297. 4 points.

Topics: Imperial Cities:
Rome, Constantinople, Istanbul
HEL-UA 901  Identical to HIST-UA 160. 4 points.

Special Courses

Internship
HEL-UA 980  2 or 4 points.
Consult the program for details.

Independent Study
HEL-UA 997  2 or 4 points.
Consult the program for details.

Senior Honors Seminar
HEL-UA 999  Prerequisite: permission of the program and admission to the honors track. 4 points.
Topics vary each term. Students research and write their senior honors thesis under the supervision of a program faculty member. Thesis topic and faculty advisor must be chosen in consultation with the director of undergraduate studies.
DEPARTMENT OF
History

as.nyu.edu/history
53 Washington Square South,
4th Floor
New York, NY 10012-1098
212-998-8600

Chair of the Department
Professor Sartori

Director of Undergraduate Studies
Associate Professor Goetz

OVERVIEW

History is the study of human experience of all kinds, considered in relation to particular times and places. It is also a method of thinking characterized by its attention to the contexts in which people have lived and worked. By mastering this method of thinking, students of history gain invaluable skills and knowledge. They learn to analyze and interpret many different kinds of evidence (cultural, social, economic, and political) as well as to organize it into a coherent whole and present it clearly and with style in written or oral form. In doing so, students also learn to justify and question their own and others’ conclusions, for history is always an argument about what actually happened. Indeed, rethinking and revising accepted historical conclusions is one of the most important—and most interesting—tasks of the historian.

Notable among the department’s areas of strength are American urban, social, labor, and ethnic history; medieval, early modern, and modern European history; Latin American history; sub-Saharan African history; early and modern Asian history; and American and European women’s history. The department also pays particular attention to the transnational and global aspects of the discipline.

At the core of the undergraduate experience are the workshop (HIST-UA 9XX) and the capstone seminar (HIST-UA 4XX). In the workshop, students learn about the methods and practice of history in a seminar setting. In the capstone seminar, usually taken in the senior year, students research and write an original paper (typically 20-25 pages).

Through independent study and the honors program, students find challenging opportunities for special concentrations and individual research. The internship program enables students to engage in supervised historical projects for credit. Many of the projects are at cultural institutions in New York and at the United Nations.

The University’s Elmer Holmes Bobst Library is rich in works of history, and students also utilize the collections of the New York Public Library, the historical societies and museums in New York City, and neighboring universities.

FACULTY

Profs Emeriti
Baker, Bender, Bonomi, Burbank,
Chapman, Cooper, Gordon,
Harootunian, Hull, P. Johnson,
Kupperman, Lee,

Levering-Lewis, Levy
Mattingly, Nolan, Peirce
Prince, Reimers, Sanchez-Albornoz, Scally, Schult, Seigel
Stehlin, Unger, Walkowitz, Wosh

Glucksman Professor of Irish Studies; Professor of Irish Studies and History
Kenny

Alexander S. Onassis
Professor of Hellenic Culture and Civilization; Professor of History and Hellenic Studies
Fleming

History / NYU College of Arts & Science / 2022-24
Major in History

The major in history requires a minimum of 36 points in any combination of 2- and 4-point courses, with a grade of C or better in each course.

- All majors must take one workshop (HIST-UA 900-999, but excluding 994, 996, 980, and 997).
- Students must also take one capstone seminar (HIST-UA 400-499; prerequisite: completion of the workshop requirement).
- At least 20 points in total must be taken in advanced level history courses (HIST-UA 100 or above). This includes the workshop and capstone seminar requirements.
- No student may take more than 16 points in introductory courses (numbered below HIST-UA 100).
- At least 4 points must be taken in each of the three geographical areas: U.S., European, and non-Western. These courses may be either introductory or advanced.
- At least 8 points must be taken in pre-1800 courses.
- One course can count toward no more than two geographical or temporal requirements.

Policies Applying to the Major in History

No Pass/Fail courses can count toward the major.

Students may count four points (the equivalent of one course) from Advanced Placement, International Baccalaureate, or Advanced (A) Level examinations toward the requirements of the major. Four points from other advanced standing examinations may be accepted after consultation with the department. These credits are not equivalent to specific courses in the major (they are HIST-UA elective credit) and count as one introductory course. If AP/IB/A-Level credit is used toward the major, then only three other non-history or non-NYU (transfer) courses (12 points) can be petitioned toward the major (including Liberal Studies courses).

A transfer student must take at least 20 points in the department. A total of 16 transfer points can be approved through the course petition process to be counted toward the major, inclusive of any AP/IB/A-Level credits. Approval of course credit is not guaranteed.

Courses that are not cross-listed with the history department must be approved by the director of undergraduate studies. Students can petition for up to four courses (16 points) to count towards their major by turning in a course petition form with the syllabus to the Department of History. No course is guaranteed.
Certain courses in the College Core Curriculum may also count toward the history major as introductory courses. These are Texts and Ideas and Cultures and Contexts, if they are taught by faculty from the Department of History. Also, majoring in history exempts students from taking the Societies and the Social Sciences component of the Core Curriculum.

**Global Public Health/History Major**

The global public health/history major provides a unique opportunity to unite the study of human experience in relation to particular times and places with the study of health of populations around the world. The major draws on the expertise of the CAS Department of History in providing students with the tools needed to analyze and interpret many different kinds of evidence—cultural, social, economic, and political—and to organize them into a coherent whole, presented clearly in written or oral form. Students will study a variety of topics, such as environmental history, ethnicity, sexuality, epidemiology, health policy, gender, and social movements. NYU’s global public health/history major provides a unique set of skills that may be applied in a variety of careers including law, teaching, public health, business, film, international affairs, and medicine and science.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives]:

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

**Note well:** UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.
History requirements (two courses/8 points):
• One workshop (HIST-UA 900-999; excluding 994, 996, 980 and 997)
• One capstone seminar (HIST-UA 400-499)

History electives (four courses/16 points):
• Four courses numbered above HIST-UA 101. Students must take at least one pre-1800 course and at least one course in each of these three regions: U.S., non-Western, and European. All must be advanced.

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or history, by advisement.
  For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

For descriptions of GPH (UGPH-GU) courses and for all policies applying to the major (including those for transfer students), please see the global public health section of this Bulletin.

Minor in History

The minor in history requires a minimum of 16 points in any combination of 2- and 4-point courses, with a grade of C or better in each course. Twelve of the points must be taken in the Department of History. Pass/Fail courses do not count. No more than 4 points may be taken in introductory-level courses. Advanced Placement, International Baccalaureate, and other advanced standing credit does not count toward the minor.

Note: Students should consult the director of undergraduate studies for possible minor programs, course offerings, and course descriptions. A complete listing of history courses currently offered may be found in the current class schedule available on the department website.

Honors Program

Students with strong academic records (a GPA of 3.65 in history and 3.65 overall) may apply to the director of undergraduate studies for admission to the history honors program. Students must be declared history majors or have already taken the workshop (HIST-UA 9XX) to apply for the two-course, 8-point program.

The honors program is completed in two consecutive semesters and consists of a small Honors Seminar (HIST-UA 994) followed by an individualized Honors Tutorial (HIST-UA 996). In the Honors Seminar (which satisfies the capstone seminar requirement for the major) students define a thesis topic, develop a bibliography, read broadly, and begin their research. A substantial part of the research, usually including a rough draft of the thesis, should be completed by the semester’s end. In the Honors Tutorial, students work one-on-one with a faculty director to complete the thesis.

The honors thesis varies in length from 40 to 70 pages, depending on the nature and scope of the subject. The completed thesis, approved for defense by the director, is defended before a committee consisting of a primary faculty advisor and at least one additional faculty reader. A grade of at least A-minus on the thesis is required for the award of honors in history. Students who receive a lower passing grade are simply awarded 8 points toward the major.
Study Away
The department encourages history majors and minors to study away during the fall or spring semester of their junior year. Studying away at one of New York University's many global academic centers can help open doors to the discovery of unexpected areas of interest, as well as provide new insight about already established historical perspectives and research topics. Some courses offered by NYU for study away, as well as other approved programs outside NYU, may be eligible for inclusion into the history major. History majors should consult the director of undergraduate studies before making plans to study away.

COURSES
Some courses originate in other departments and are cross-listed with the Department of History, as indicated below. For the most up-to-date information on courses, please check the schedules on the department’s website.

Introductory Courses
Voices of Empire
Close analysis of primary sources (reports by officials, petitions by subjects, histories by local scholars, short stories, and court cases) as well as careful reading of scholarly work. The goal is to work outward from the perspectives of imperial subjects toward an understanding of imperial polities and their effects.

The United States since 1865
HIST-UA 10 Lecture. Offered every spring. Goetz, Ibarquen, Mitchell, Montoya. 4 points.
Developments in U.S. society within a global historical context. Topics: urbanization; industrialization; immigration; American reform movements (populism, progressivism, the New Deal, and the War on Poverty); and foreign policy. Beginning with the post-Civil War expansion of the U.S. into the American West, traces U.S. expansion and increasing global influence through the Spanish-American War, World Wars I and II, Cold War, Gulf Wars, and the War on Terror.

Modern Europe
HIST-UA 12 Lecture. Offered every other year. Ben-Ghiat, Berenson, Ortolano. 4 points.
A survey from 1789 to the present. Investigates the political, social, economic, and cultural developments that shaped and continue to shape the modern age. Emphasis is on the evolution of the nation-state, on industrialization and its impact on society and politics, and on the intellectual responses to the rapid changes these developments inspired. Topics include Europe and the French Revolution; the rise of the nation-state, 1848-1914; and the impact of totalitarian ideologies on 20th-century Europe.

Espionage and the Making of the Modern World
HIST-UA 23 Lecture. Offered at least once a year. Nafatli. 4 points.
The great sweep of world history from 1939 to 2016 through the lens of the role played by spies, code-breakers, saboteurs, intelligence analysts, and the organizations for which they worked. Why did countries set up organizations to undertake spying and covert action? Have these activities made them, especially the U.S., more or less secure? And what has been the cost to private individuals of these activities?

The City in Western History: From Antiquity to Early Modernity
HIST-UA 25 Lecture. Juette. 4 points.
From ancient Athens to eighteenth-century Paris. Explores change and continuity in premodern urban history: the decline or stagnation of once-powerful city-states; the rise of cosmopolitan metropolises; and the commercial ties that often linked these cities to one another. Special focus on the patterns and rhythms of everyday life as well as on aspects of urban planning and environmental history.

Empires in World History
Empires have been one of the most common and durable forms of political
association. Examines case studies from ancient Rome and China to the present and considers the variety of ways in which empires have inspired and constrained their subjects’ ideas of rights, belonging, and power. Introduces students to the analysis of historical sources.

**World War II**

HIST-UA 45  Lecture. Offered every year. 4 points.

Not simply a study of battles; all aspects of the war, from the great civilian and military leaders to the common soldiers, are discussed, as are social, cultural, and economic changes on the various home fronts. Illustrates personalities and events through slides, contemporary literature, photos and posters, and the music of the time.

**Introduction to American Education: Historical and Contemporary Perspectives**

HIST-UA 60  Identical to HSED-UE 1005. Lecture. Offered every year. Fraser. 4 points.

Central themes, issues, and controversies in American education. What is the purpose of “school”? How did schools begin in the United States, and how have they evolved across time? How do children learn? How are they different from each other, and why and when should that matter? How should we teach them? And how should we structure schools and classrooms to promote learning?

**Introduction to Science and Society**

HIST-UA 66  Lecture. Appuhn. 4 points.

Presents the plethora of techniques proffered by the humanities and social sciences in studying the history of science, technology, and medicine. Topics include: Christian Aristotelianism, the rise of experimentation and the Scientific Revolution, Enlightenment science, Darwin’s theory of evolution and the church, eugenics in 20th-century America, machines and humans during the 19th and 20th centuries, historical explanations of disease, gene patenting, race and genes, and the history of HIV/AIDS.

**History in the Headlines**

HIST-UA 70  May be repeated once for credit as content changes. Lecture. Offered every year. Naftali. 2 points.

The key events we read about in our morning Twitter feed or on our favorite news sites are usually not unique in world affairs. They have a background, a context, that makes them more understandable and often more interesting. Thinking historically means trying to make sense of the seemingly new in the context of what human beings have done before.

**Global Asia Before Modernity**

HIST-UA 72  Offered every year. Ludden. 4 points.

Global Asia defines Asia as a space of perpetual globalization: a dynamic natural and human environment from the far West to the far East, and all around the old Silk Roads and Indian Ocean, from ancient times to the present. Explores Global Asia over two millennia up to the onset of industrial capitalist modernity in the nineteenth century.

**Global Asia in the Modern World**

HIST-UA 73  Lecture. Offered every year. Ludden. 4 points.

Explores Asia’s role in making the modern world. Focuses on the mobilities that form global capitalism inside the territories of empires and national states. Trains students to read the present in long-term perspective and to appreciate Asia’s historic role in contemporary globalization.

**Topics**

HIST-UA 75  May be repeated once for credit as content changes. Lecture. 2 points. Offerings vary.

**Native North America**

HIST-UA 87  Identical to SCA-UA 748. Lecture. Ellis, Goetz, Needham. 4 points.

Indigenous peoples fundamentally shaped and defined our nation’s past and continue to shape contemporary American life. Explores their history from the founding of the first European settlements in North America to modern debates over the place and presence of Indigenous peoples in American life, exploring how Indigenous peoples’ history is integral to understandings of American history and culture.

**Modern Jewish History**

HIST-UA 99  Identical to HBRJD-UA 103. Lecture. Engel. 4 points.

See description under Hebrew and Judaic studies.

**Advanced Courses**

**Russian Jewish History**

HIST-UA 103  Identical to EURO-UA 190, HBRJD-UA 191, RUSSN-UA 191. Lecture. 4 points.

See description under Hebrew and Judaic studies.

**The Medieval Life Cycle: From Birth to Rebirth**

HIST-UA 104  Seminar. Bedos-Rezak. 4 points.

Presents a sociological model of the medieval life cycle that considers age as an aspect of social identity. Examines specific age groups—children, teenagers, youth, adults, and the elderly—to expose the effect age had on the course and on the representation of life, and the ways that this effect differed with geographic location, religion, gender, ethnicity, economic status, and social rank.
History of Judaism: The Emergence of Classical Judaism
HIST-UA 109  Identical to HBRJD-UA 100, MEIS-UA 680, RELST-UA 680. Lecture. 4 points.
See description under Hebrew and Judaic studies.

Early Middle Ages, 300-1050 C.E.
HIST-UA 111  Identical to MEDI-UA 111. Lecture. Bedos-Rezak. 4 points.
Explores the processes that brought about the making of a new civilization: Western Europe. In shaping and interpreting their environment, early medieval men and women tapped the resources of Roman, Germanic, and Christian cultures. Each of these cultures is a fundamental ingredient in the crucible of Europe; their various alloys and interactions with Judaism and Islam imprinted the European scene with diversity and a wide range of human experience and experimentation.

The Crusades
HIST-UA 113  Identical to MEDI-UA 113. Lecture. Offered every other year. Smyrlis. 4 points.
The history of the Crusades (1095-1291 C.E.) is the first chapter of European imperialism and a manifestation of deep religious conviction. Examines background and origins; the social, political, and economic situation in the eastern Mediterranean before the Crusades; the fortunes of the Crusader (Latin) Kingdom of Jerusalem; the reactions of Europeans and Easterners to one another; and the legacy of the Crusades on both the Eastern and Western worlds.

The High Middle Ages
HIST-UA 114  Identical to MEDI-UA 114. Lecture. Offered every other year. 4 points.
From the late 11th century to the close of the 14th century. Topics and themes: the explosion of energy in the 12th century and the expansion of Europe on all levels, geographic (including the Crusades) as well as intellectual; development of agriculture and cities; the diversity that gave rise to our university system; movements of reform and dissent; and the waning of the Middle Ages.

The Renaissance
HIST-UA 121 Lecture. Offered every other year. Appuhn. 4 points.
From its origins in the 14th century to its waning at the end of the 16th century. Focuses on developments in Italy, especially the development of republican city-states, the social basis for the explosion in artistic and intellectual production, and the emergence of new forms of political and scientific analysis.

The French Revolution and Napoleon
HIST-UA 143 Lecture. Shovlin. 4 points.
Begins with an analysis of cultural, social, political, and economic conditions in France before 1789, then follows the Revolution through its successive phases. Narrates and analyzes the rise of Napoleon and his consolidation of France, his conquests and the spread of his system, and his eventual overthrow.

History of Medicine
HIST-UA 158 Seminar. Offered every year. Oshinsky. 4 points.
Studies the impact of disease at critical points in American history. Considers the great epidemics that devastated our nation, as well as scientific breakthroughs in epidemiology, antiseptic practice, vaccines, and antibiotics that tamed the scourge of cholera, polio, typhoid fever, and influenza. Examines how the battle against disease revolutionized philanthropy and medical research in the United States, as well as the consequences and cultural impact of disease upon different segments of the American population. Ends with current diseases yet to be fully understood or conquered, such as HIV/AIDS, Ebola, and Zika.

Imperial Cities: Rome, Constantinople, Istanbul
HIST-UA 160 Colloquium. Offered every other year. 4 points.
A comparative study of the capitals of the most powerful empires of the Mediterranean from antiquity to the modern period. Topics: the role of cities as stages for the projection of imperial ideology, the position of religion within the cities, professions, neighborhoods, women, minorities and marginals, revolts, disease and healthcare, and entertainment.

Early Modern Britain
HIST-UA 161 Lecture. Offered every other year. Ortolano. 4 points.
Examines Britain and the British Isles from the end of the Wars of the Roses (1487) through the Glorious Revolution (1688), a period dominated by civil wars, schism, and revolution. Topics include Henry VIII and the Reformation; Elizabeth I and European politics; imperialism in the Americas and South Asia; gender and family; popular culture and everyday life; England, Scotland, and Ireland; the Civil War and Commonwealth; Restoration art and drama; and the “Glorious Revolution” and ascendancy of Parliament.

Britain and the British Empire
HIST-UA 162 Lecture. Offered every year. Ortolano, Sartori. 4 points.
Developments and themes in British history since 1688. During this period, Britain emerged as the world’s first industrial nation and a primary imperial power, fought two world wars partly in an effort to maintain that position, and unevenly accommodated the changed realities of the late 20th century. Situates the social and political history of Britain within wider European and global contexts.
Contemporary France
HIST-UA 169  Identical to EURO-UA 288, FREN-UA 164. Lecture. Offered every year. 4 points.
See description under French.

Seminar: Italian Fascism
HIST-UA 171  Identical to ITAL-UA 165. Seminar. Offered every two to three years. Ben-Ghiat. 4 points.
An interdisciplinary examination of the cultural production of the fascist period. Students examine the image that the fascist regime produced of itself through the study of popular novels, architecture, film, and political speeches.

The Irish and New York
HIST-UA 180  Identical to IRISH-UA 180, SCA-UA 758. Seminar. 4 points.
See description under Irish studies.

Topics in Irish History
HIST-UA 181  Identical to IRISH-UA 181. Lecture. 4 points.
See description under Irish studies.

History of Modern Ireland I, 1580-1800
HIST-UA 182  Identical to IRISH-UA 182. Truxes. 4 points.
See description under Irish studies.

History of Modern Ireland II, 1800 to the Present
HIST-UA 183  Identical to EURO-UA 183, IRISH-UA 183. Lecture. 4 points.
See description under Irish studies.

The Irish in America
HIST-UA 187  Identical to IRISH-UA 187. Lecture. 4 points.
See description under Irish studies.

Race, Religion, and Gender in 20th Century France
HIST-UA 192  Identical to FREN-UA 865, SCA-UA 849. Colloquium. Offered every other year. 4 points.
Begins with the Dreyfus Affair, a national convulsion over anti-Semitism and a miscarriage of justice that influenced debates over prejudice in France for decades thereafter. Then turns to the experience of the First World War, including soldiers and workers recruited from the colonies. Concludes with the French-Algerian war (1954–62), when issues of race, religion, and gender surfaced with explosive force in metropolitan France, as well as in Algeria.

Liberal Visions of Empire
HIST-UA 195  Lecture. Offered every other year. Sartori. 4 points.
The changing relationship between British liberal thought and Britain’s expanding empire from the 17th to the 20th centuries. Liberal conceptions of equality and freedom can be understood as anti-imperialistic in impulse; as historically complicit with imperialist agendas; or as inherently and logically disposed to imperialist domination. Examines these different claims in historical context and periodizes their applicability.

Trial of Galileo
Explores one of the most famous events in the history of science. Examines Galileo’s works on astronomy and physics as well as key documents from his two trials before the Roman Inquisition. Uses a selection of reactions to the second trial as a way of exploring problems of historical interpretation. Studies the responses of Galileo’s contemporaries, as well as interpretations of the trial through the present day.

Italian Colonialism
HIST-UA 204  Identical to EURO-UA 161, ITAL-UA 164. Seminar. Ben-Ghiat. 4 points.
See description under Italian studies.

History of Rome: The Republic
HIST-UA 205  Identical to CLASS-UA 267. Lecture. 4 points.
See description under classics.

History of World Trade
HIST-UA 213  Identical to IRISH-UA 150. Lecture. Offered every year. Truxes. 4 points.
Focuses on the Indian Ocean, the South China Sea, the Mediterranean, Europe’s Atlantic coast, and the Baltic Sea. The 17th and 18th centuries saw long-distance commerce move to the center of state policy, and in the 19th century bred exploitative colonial systems buoyed by trade. Global war traumatized international trade in the 20th century but ultimately gave rise to our world of supertankers, giant container ships, global air freight, and monetary transfers at the speed of light.

Plague and Public Health in Renaissance Italy
HIST-UA 253  Seminar. Appuhn. 4 points.
In 1348 approximately a third to one half of all Europeans died from a mysterious illness they called the Black Death. For the next 400 years repeated outbreaks of epidemic disease disrupted everyday life, provoking political and economic crises. Both states and individuals sought explanations for the problem of disease and devised new public health institutions and medical theories to prevent its spread. Explores the social, economic, and political consequences of various epidemic and endemic diseases and the efforts to combat them.

World of Medieval Magic
HIST-UA 262  Colloquium. Offered every other year. Bedos-Rezak. 4 points.
Spans the Jewish, Christian, and Muslim Western world and both learned and popular medieval cultures. Topics: beliefs in fairies and miracles; the cults of holy men and women; astrology and fortune-telling; alchemy; folk medicine, including remedies and healing spells;
death, burial customs, and vampires; the devil, sorcery, and witchcraft. Reactions of official authorities, including repression and persecution.

Culture and Communism in Eastern Europe
HIST-UA 263  Identical to RUSSN-UA 263. Seminar. Offered every other year. O'Donnell, Wolff. 4 points.
How the intellectuals of Eastern Europe, as representatives of their national cultures, responded to the crises, challenges, and constraints of communism between 1945 and 1989. Issues include the nature of political dissidence under authoritarian governments. Focuses on writers from Poland, the former Czechoslovakia, and the former Yugoslavia. Northern Europe in the Age of the Renaissance and Reformation
HIST-UA 264  Lecture. Offered every year. Juette. 4 points.
The three centuries from 1400 to 1700 were marked by massive transformations on a religious, political, and intellectual-artistic level. At the same time the period saw wars and bloodshed on an unprecedented scale. The geographic focus is on the Holy Roman Empire (i.e. the German lands and the Low Countries), France, and England. Main topics: The “Northern Renaissance,” the Reformation, and the Wars of Religion.

War and Cinema: From World War I to Drone Warfare
HIST-UA 276  Seminar. Ben-Ghiat. 4 points.
Film has been integral to shaping public consciousness of military events as they unfold and the public memory of wars after the guns have fallen silent. Viewings of government propaganda, commercial entertainment films, and independent documentaries. Topics: representations of violence and the enemy; the aestheticization of violence and war as spectacle; how changes in military technology have generated new modes of witnessing; the war film as history film. Case studies include the two World Wars, civil wars, colonial conquest and anti-colonial struggle, Vietnam, the Israel-Palestinian conflict, and the Arab Spring.

Worlds of World War I
HIST-UA 277  Lecture. Offered every other year. Ludden. 4 points.
Brings together faculty in history, cultural studies, and film studies. Taught simultaneously in New York, London, and Abu Dhabi. Emphasizes online interaction and collaborative student work through an interactive webpage and student blogs. Interdisciplinary treatment of interpretive prose, painting, poetry, fiction, films, TV dramas, museums, monuments, and archives of public and private material.

Seminar in History of Medicine
HIST-UA 293  Colloquium. Offered periodically. Oshinsky. 4 points.
Topics vary. Does not satisfy the capstone seminar (HIST-UA 4XX) requirement for majors.

Global Asia
HIST-UA 300  Lecture. Offered every year. Ludden. 4 points.
Explores the interconnected histories of Asian social spaces, from the Mediterranean to the Pacific and from the Silk Road around the Indian Ocean, from ancient times to the present. Traces interconnections among cultures, economics, politics, and technologies moving together along routes of human mobility and forming territorial domains of social experience, from small kingdoms and vast empires to contemporary nations and metropolitan regions.

History of the Byzantine Empire I, 4th-9th Centuries
HIST-UA 304  Lecture. Offered every year. 4 points.
From the foundation of Constantinople in 330 to the end of the Iconoclastic controversy in 843. Traces the transformation of the Eastern Roman Empire into the medieval Byzantine Empire and examines political, social, economic, and cultural developments. Topics: the spread of Christianity, heresy, the rise of Islam, the collapse of Late Antique urban culture, the transition to the Middle Ages, and Byzantium as a major power in Europe and the Near East.

History of the Byzantine Empire II, 10th-15th Centuries
HIST-UA 307  Identical to HEL-UA 283. Lecture. Offered every year. 4 points.
Political developments in Byzantium from the end of the 9th century to the fall of Constantinople to the Ottomans in 1453. Examines such essential concepts, institutions, and cultural themes of Byzantium as imperial ideology, church and monasticism, family and women, the economy, and the cultural and artistic revivals of the middle and late periods.

History of New York and Paris: A Tale of Two Cities
HIST-UA 309  Lecture. Offered every other year. Berenson, Needham. 4 points.
Examines the history of the modern Western city by taking New York and Paris as comparative case studies. Examines the nature and meaning of modern urban life and its relationship to modernity in general. Topics include: urban development and redevelopment; nature and the built environment; monuments and their symbolism; politics and protest; poverty and inequality; migration and immigration; popular music and urban culture; gentrification and its discontents.

U.S. Student Protest and Campus Politics in the 21st Century
HIST-UA 311  Identical to HSED-UE 1046. Seminar. Offered every year. Cohen. 4 points.
Explores why student protest has surged repeatedly on 21st century
camps and how American universities became lightning rods for criticism from both the left and the right. Topics include: student movements against racial and gender discrimination; nativism; student debt; exploitation of labor; the concentration of wealth; Eurocentric curricula; the rise of graduate student labor unionization; and freedom of speech on campus. Campus conflicts set into historical perspective, probing the 20th century roots of ongoing struggles over the nature, mission, uses, and failures of the university.

**Revolt on Campus: U.S. Student Protest in the 20th Century**

HIST-UA 312  Identical to HSED-UE 614. Seminar. Offered every year. Cohen. 4 points.
Explores how college campuses became centers of political protest and cultural change. Topics include: socialist and feminist student activism in the Progressive era; 1920s Black student revolts; 1930s Old Left-led mass student movements; 1960s New Left, antiwar, SNCC, and Third World Student Activism, as well as CIA infiltration; post-60s struggles over political correctness, divestment movements, gay liberation; conservative student activism from 1950s segregationism through YAF in and beyond the 1960s.

**U.S. Student Activism in the Long 1960s**

HIST-UA 313  Identical to HSED-UE 1029. Lecture. Offered every year. Cohen. 4 points.
How college campuses became centers of political protest and cultural change. Topics: socialist and feminist student activism in the Progressive era; 1920s Black student revolts; 1930s Old Left-led mass student movements; 1960s New Left, antiwar, SNCC, and Third World Student Activism, as well as CIA infiltration; post-1960s struggles over political correctness, divestment movements, gay liberation; and conservative student activism from 1950s segregationism through YAF in and beyond the 1960s.

**History and Literatures of the South Asian Diaspora**

HIST-UA 326  Identical to ENGL-UA 721, SCA-UA 313. Lecture. Sandhu. 4 points.
See description under Asian/Pacific/South Asian American studies.

**Pirates and Buccaneers: Seaborne Terrorism in the Early Modern World**

HIST-UA 369  Identical to EURO-UA 181, IRISH-UA 182. Colloquium. Offered every year. Truxes. 4 points.
The emergence of Spain as a political and economic superpower in the early sixteenth century bred waves of French, English, and Dutch contraband slave traders, seaborne raiders, freebooters, and privateers eager to thwart her attempt at hegemony and expropriate her wealth. The response of the early modern world to piracy is embedded in the “Law of Nations” and the “Law of the Sea,” progenitors of modern international law.

**U.S. Immigration**

HIST-UA 508  Seminar. Offered every year. Kenny. 4 points.
From the American Revolution to the present. Topics: the origins of migration; forced migration and slavery; naturalization and citizenship; anti-immigrant sentiment (nativism); ethnicity and race; and the evolution of government policy. Considers these topics in the context of historiographical debates concerning the foundation of the U.S. and the three great waves of immigration that followed: largely Irish, British, German, and Chinese before the 1870s; predominantly Eastern and Southern European from the 1880s through the 1920s; and genuinely global from 1965 to the present.

**The Ottoman Empire and the World around It**

HIST-UA 515  Identical to MEDI-UA 681, MEIS-UA 650. Lecture. Offered every year. Peirce. 4 points.
See description under Middle Eastern and Islamic studies.

**Zionism and the State of Israel**

HIST-UA 516  Identical to HJBRD-UA 180. Lecture. Engel. 4 points.
See description under Hebrew and Judaic studies.

**Problems in Contemporary China**

HIST-UA 517  Identical to EAST-UA 517. Recommended prerequisite: one content course on modern China. Lecture. Offered periodically. Karl. 4 points.
Starts with an overview of contemporary China, then concentrates on social, intellectual, and environmental issues. The specific areas of inquiry change with changing circumstances. The reading load is heavy, and students are asked to write frequently.

**China in the Republican Period**

HIST-UA 524  Lecture. Karl. 4 points.
Introduces the contours of Republican-era China (1911-1949), including some of the major issues and historical themes that emerged during the period. Focus on the problems of cultural production, urbanization, social division, and war. Engages not only with the history but, to some extent, with the academic debates on this history as well. Presumes some basic knowledge of modern China. Heavy reading and writing load.

**Japan’s Empire in Asia, 1895-1945**

HIST-UA 525  Identical to EAST-UA 983. Seminar. Linkhoeva. 4 points.
Japan started out as a victim of imperialism in the 19th century but became an aggressor in the 20th, ruling over other Asian people. Topics: the formation of the modern imperialist global system; colonialism, “colonial modernity,” colon-
nial identities, and colony-metropole relations; collaboration and the anti-colonial movements; regional migration; empire and total war; and decolonization.

The Chinese Cultural Revolution
HIST-UA 526  Identical to EAST-UA 526.
Prerequisite: One non-language course in a relevant discipline or field at NYU. Lecture. Oﬀered periodically. Karl. 4 points.
China’s Great Proletarian Cultural Revolution (GPCR, 1966-1976) was one of the most important political and cultural events of the twentieth century. Many studies of the GPCR remain partial, disorganized, and highly polemical, but there has been an explosion of new work on the topic for students to explore. Intended for students who have at least some background in the study of Chinese history, literature, or culture.

The Emergence of the Modern Middle East
HIST-UA 531  Identical to MEIS-UA 690.
Seminar. Oﬀered every other year. 4 points.
Surveys the main political, social, economic, and intellectual currents of the 20th century. Emphasis is on historical background and development of current problems in the region. Topics include imperialism, nationalism, religion, Orientalism, women, class formation, oil, the Arab-Israeli crisis, and the Iranian revolution.

Palestine, Zionism, Israel
HIST-UA 532  Identical to MEIS-UA 697.
Lecture. Lockman. 4 points.
See description under Middle Eastern and Islamic studies.

Modern China
HIST-UA 535  Lecture. Oﬀered periodically. 4 points.
China from the late sixteenth century to the present: the Ming and Qing dynasties (1668-1644, 1636-1911), the so-called Republican period (1912-1949), and the People’s Republic under Communist rule (1949-present). Primary and secondary works are supplemented by visual materials and film screenings.

Gender and Radicalism in Modern China
HIST-UA 536  Identical to EAST-UA 536,
SCA-UA 827. Colloquium. Oﬀered every year. Karl. 4 points.
The interrelated rise of political, ideological, and cultural radicalisms and gender issues as a major subject and object of transformative social activity in 19th- and 20th-century China. Approaches gender theory and historical analysis through primary and secondary sources as well as through ﬁlms and other visuals. Emphasis on synthesizing contradictory material. Extensive writing and class discussion.

Mao and the Chinese Revolution
HIST-UA 546  Lecture. Oﬀered every two years. Karl. 4 points.
The revolution made Mao as much as Mao made the revolution. We investigate Mao’s thought and theories, as well as his revolutionary practice, not as biographical artifacts but as products of and contributors to the revolutionary situation in China and the world in the 20th century. We end with Mao’s afterlives. This is a reading- and writing-intensive course.

Samurai and Mongols: Japan’s Eurasian Dream
HIST-UA 548  Seminar. Oﬀered every other year. Linkhoeva. 4 points.
Examines the history of Japan from the perspective of its relationship with China, Mongolia, and Russia. Topics include: diﬀerent imperial formations (Japanese–Chinese–Russian empires); colonial practices, the regional power dynamic throughout the twentieth century, and the role of “Mongolia” in Japanese continental policy. Considers contemporary accounts (both Japanese and foreign), legal and political docu-

ments, ﬁction, historical monographs, and ﬁlms.

Seminar: Topics in Middle Eastern History
HIST-UA 550  Identical to MEIS-UA 688.
Seminar. 4 points.
See description under Middle Eastern and Islamic studies.

Topics in Chinese History
HIST-UA 551  Identical to EAST-UA 551.
Seminar. Oﬀered every year. Karl, Waley-Cohen. 4 points.
Speciﬁc topics vary and may include Women and Gender in Chinese History; Rebellion and Revolution in China, 1683-1864; The Manchus in China; Urban China; American Wars in Asia; China in Revolution, 1949-Present; China After Mao; Mao and Chinese bureaucracy; China and Islam.

Autobiography and History
HIST-UA 556  Seminar. Hodes. 4 points.
Concerned with historians as autobiographers, and autobiographers as historians. Explores the ways scholars and writers invoke autobiography in the writing of history, and the ways in which autobiographers serve as historians. Topics include: research, sources, evidence, method, argument, interpretation, intention, audience, memory, style, and voice. Although readings focus mainly on United States history, students’ own writings can focus on history anywhere in the world. Students will share their work and reﬂect on one another’s eﬀorts.

Students and Protest in Modern China
HIST-UA 562  Seminar. Karl. 4 points.
Traces the history of “students” (in the 1920s and after, often overlapping with the category of “youth”) and protest in modern China, from the established culture of memorials/petitioning in the waning years of China’s dynastic system through to the umbrella and “be water”
uprisings in Hong Kong (2014, 2019). Considers how students/youth and protest are enmeshed in social, political, and cultural movements, and how forms and practices of protest have developed in tandem with and in opposition to state power, in alliance with or apart from other social constituencies.

**Mongol Empires in World History**  
HIST-UA 563 Seminar. Ludden. 4 points.  
Explores Mongol Eurasia’s extended role in globalization. Studies the core Mongol period—250 years from the birth of Chinggis Khan (1162) to the death (1405) of Timur-i-Leng—in the context of Asia’s circulatory system from the seventh to the seventeenth century. Also examines Mongol empires inside imperial histories spanning all of medieval Eurasia, and ends by considering how those medieval centuries shaped the modern world.

**African Ways of Knowing**  
HIST-UA 572 Formerly African Radicalisms and Decolonization. Seminar. Offered every year. d’Avignon. 4 points.  
in 1957, Ghana became the first sovereign nation in Africa to declare independence from colonial rule. Dozens of African nations soon followed suit. While people across the continent and the world celebrated the end of empire, not everyone agreed about what Africa’s new nations should look like. Grapples with how Africans constructed their world and their future in the aftermath of colonial rule.

**Religion, Race, and Economics: An Introduction to American Jewish History**  
HIST-UA 589 Identical to HBRJD-UA 172. Lecture. Offered every other year. Diner. 4 points.  
Explores the social, political, economic, religious, and cultural development of Jewish life in America from the middle of the seventeenth century through the present and also explores the impact of America—its culture, social structure, economic profile, and place in the world—upon the Jews who lived there. Also asks how the Jewish experience did or did not differ from that of others in a diverse America and from that of Jews in other places.

**History of Water**  
HIST-UA 594 Colloquium. Offered periodically. Ortolano. 4 points.  
The United Nations estimates that by 2030 as many as 4 billion people will not have access to enough water for their basic needs. Examines this contemporary issue and the historical context in which it developed. Focuses on the United States, in particular the American West and New York City, with comparative treatment of the Middle East, China, and Africa.

**Environmental History of New York City**  
HIST-UA 596 Colloquium. Offered every other year. Needham. 4 points.  
Investigates topics from the seventeenth century to the present. From the city’s origins as a harbor city at the intersection of the Hudson River and the Atlantic, to the Manhattan bedrock that anchors modern skyscrapers, natural geography has determined urban possibility, while infrastructure that has become “second nature” brings water and electricity to the city and carries its waste to distant landfills.

**American Colonial History**  
HIST-UA 601 Lecture. Offered every other year. Eustace, Goetz. 4 points.  
Examines European expansion in the early modern period and the creation of an interconnected Atlantic world, with particular emphasis on North America and the Caribbean. Attention to the roles of Europeans, American natives, and Africans in forming systems of trade and patterns of settlement, as well as the evolution of slavery and the development of new political structures, changing religious beliefs, and evolving family relationships in America.

**African American History to 1865**  
Survey emphasizing living conditions, attitudes and theories about race, culture, and the emergence of African American identities. Topics: African ways of life, initial contact between Africans and Europeans, the Atlantic slave trade, slavery and indentured servitude in colonial North America, restrictions on black mobility in a slave society, the domestic slave trade, abolitionism, slave resistance, free blacks, gender, and the impact of slavery on national politics during the antebellum period.

**African American History since 1865**  
Survey emphasizing freedom and equality, migratory movements, immigration, cultural contributions, military participation, politics, gender dynamics, and contemporary conditions. Topics: Reconstruction, discrimination and racialized violence, black thought and protest, institution building, racial segregation, World War I, the Harlem Renaissance, communism, World War II, civil rights, black power, nationalism, and crises surrounding busing and affirmative action.

“Culture Wars” in America: Past, Present, and Future  
HIST-UA 651 Identical to HSED-UE 1033. Lecture. Offered every year. Fraser, Zimmerman. 4 points.  
Examines the origins, development, and meanings of so-called cultural conflict in the United States. Why do
cultural issues divide Americans? How have these issues changed over time? And how can Americans find common ground amid their stark cultural differences? Special topics include abortion, same-sex marriage, drug control, and school prayer.

Women and Slavery in the Americas
HIST-UA 660  Identical to SCA-UA 730. Offered every other year. Morgan. 4 points.
Begins with African slavery and the emergence of the Atlantic slave trade and then follows the forced migration of African women to the Americas. Topics: resistance, religion, labor, reproduction, and theoretical questions about the dynamics of status, race, and gender. Ends with a section on the legacy of slavery in contemporary representations of African and African American women.

Black Women in America
HIST-UA 661  Lecture. Offered every year. Mitchell. 4 points.
Explores varieties of African American women’s experiences (including class, ethnicity, sexuality, region, and generation). Goes beyond the black/white binary by considering black women’s relationships to both intraracial and broader communities. Also assesses how gender, race, and class have influenced black women’s work, activism, political involvement, and creative output in the United States.

Empire and Globalization
HIST-UA 662  Offered every other year. Ludden. 4 points.
Considers empire as a feature of globalization in the long term and in the present. First, we establish a critical perspective on modern world history. Next, we explore British imperialism. Finally, we analyze the problem of imperialism in a world covered with legally sovereign nation-states. Throughout, historical capitalism provides a concept that connects empire and globalization.

Slavery, Race, and Radicalism
HIST-UA 663  Lecture. Morgan, Singh. 4 points.
Explores the histories of black radical political engagement via an engagement with the histories and afterlives of slavery and examines the connection between lived experience and politics based on historically rooted claim-making. Key questions: what constitutes black radical politics? Do slavery and anti-slavery constitute the originary site of black radical politics? What is the relationship between African, African American, and Black Atlantic notions of political critique, identity, and engagement? What is the relationship between slavery and race-making?

War Films and American History
HIST-UA 665  Colloquium. Offered every other year. Sammons. 4 points.
Investigates how a visual medium (film), subject to the conventions of drama and fiction, and a popular activity/institution (sport), often associated with frivolity, violence, and puerility, might be used as serious vehicles for conceptualizing and analyzing the past.

Race and Reproduction
HIST-UA 681  Identical to SCA-UA 158. Lecture. Offered periodically. Morgan. 4 points.
See description under social and cultural analysis.

Left and Right in American History
HIST-UA 688  Seminar. Phillips-Fein. 4 points.
Case studies include: the Communist Party and Nazi/fascist sympathizers (1930s); civil rights, black power, and massive white resistance (1950s-1960s); second-wave feminism and the religious right (1970s); and the Tea Party, right-wing nationalism, and the election of 2016.

American Jewish History
HIST-UA 689  Identical to HBRJD-UA 172. Lecture. Offered every other year. Diner. 4 points.
Study of the major events and personalities in American Jewish history since colonial times; the waves of Jewish immigration and development of the American Jewish community.

Sport and Film in American History
HIST-UA 698  Colloquium. Offered every year. Sammons. 4 points.
Investigates how a visual medium (film), subject to the conventions of drama and fiction, and a popular activity/institution (sport), often associated with frivolity, violence, and puerility, might be used as serious vehicles for conceptualizing and analyzing the past.

Seminar Topics in American History
HIST-UA 699  Seminar. Offered periodically. 4 points.
Topics vary. Does not satisfy the capstone seminar (HIST-UA 4XX) requirement for majors.

Cold War in Asia
HIST-UA 709  Identical to EAST-UA 552. Seminar. Offered every fall semester. Peck. 4 points.
How U.S. global interests and concerns sought to shape Asian realities (and were shaped in turn by them). Topics: the occupation of Japan; the U.S. and the Chinese revolution; the Korean War and the isolation of China; the Vietnam War and the Kennedy/Johnson years; Nixon’s global geopolitical vision and
Asian policies; Carter and human rights diplomacy; Reagan and the intensified Cold War; George H. W. Bush and Asia’s place in “a New World Order”; and finally, the Clinton and George W. Bush years.

**Vietnam: The War and its History**

HIST-UA 737  *Identical to EAST-UA 737.* Seminar. Peck, Roberts. 4 points.
See description under East Asian studies.

**History of Colonial Latin America**

HIST-UA 743  *Lecture. Offered every other year.* Thomson. 4 points.
Follows the unfolding and demise of a new social order under European rule, over a period from the 16th-century conquest through the early-19th-century wars of independence. Specific topics include Inca and Aztec worlds; Indian-European confrontations; the Catholic Church and popular religiosity; patriarchy and honor codes; racial dynamics and slavery; the development of capitalism; anticolonial struggles; imperial rivalry; reform; decline; and colonial legacies.

**Contemporary Latin America**

HIST-UA 745  *Lecture. Offered every year.* Ferrer, Weinstein. 4 points.
A comparative survey of Latin American social, economic, cultural, and political history from 1800 to the present.

**Introduction to Native American Studies**

See description under anthropology or Native American and Indigenous studies.

**Seminar in History of Science**

HIST-UA 750  *Colloquium. Offered periodically.* 4 points
Topics vary. Does not satisfy the capstone seminar (HIST-UA 4XX) requirement for majors.

**History of the Andes**

HIST-UA 753  *Lecture. Offered periodically.* Thomson. 4 points.
Introduces the Andes, which are distinguished by their extraordinary environmental conditions, the historical strength of indigenous culture, and the outcome of the engagement between native American society and Western colonial and capitalist forces. Topics include: Andean regional and cultural identity; Andean ecology and peasant agriculture; local native society and the Inca; colonialism, nationalism and race; global commodity production (from silver to coca) and economic dependency; Indian and working-class political struggles.

**Cuba: History and Revolution**

HIST-UA 755  *Lecture. Ferrer. 4 points.*
Cuba was one of the first territories colonized by Spain and among the last to secure its independence. It was among the last territories in the hemisphere to abolish slavery, yet home to the first black political party in the Americas. Its struggle for independence from Spain helped usher in an age of U.S. imperialism. It is the hemisphere’s first and last socialist state. Topics: nationalism and imperialism, race and slavery, the Cold War, and socialist revolution.

**Nationalism and Global History**

HIST-UA 816  *Seminar. Goswami. 4 points.*
Explores the emergence of ideas of nationhood and national belonging in diverse yet interlinked regions, including present day Latin America and the Caribbean, South Asia and South-East Asia, and Europe. Central questions: What was the relation between empire and nation? Did nationalist movements alter the meaning and significance of collective identities based on religion, gender, or class? Do contemporary processes of global economic change signal the fading of nationalisms and nation-states?

**Race, Civil War, and Reconstruction**

HIST-UA 814  *Lecture. Hodes. 4 points.*
Proceeds from two premises: first, that race and slavery were central to the causes and consequences of the Civil War; and second, that the war and its legacies remain central to modern U.S. history. We follow multiple threads and trajectories, illuminating the experiences of northerners and southerners: African Americans, whites, and Native Americans; soldiers and civilians; men and women; rich, middling, and poor. We also reflect critically upon the ways in which the Civil War has been remembered and represented in popular culture.

**Urban Modernism in Twentieth-Century Cities**

HIST-UA 828  *Lecture. Ortolano. 4 points.*
Examines the history of urban modernism in a range of national contexts during the 20th century and the ambitions behind developments that are now often controversial. The cities examined include Brasilia, Chandigarh, Los Angeles, Marseilles, and New York.
and the theorists considered include Ebenezer Howard, Corbusier, Reyner Banham, Jane Jacobs, David Harvey, and Mike Davis.

**Seminar in History of New York**  
HIST-UA 830 *Offered periodically.* 4 points.  
Topics vary. Does not satisfy the capstone seminar (HIST-UA 4XX) requirement for majors.

**The Workshop Requirement**  
In the workshop (HIST-UA 9XX), students learn about and directly engage with the methods and practice of history in a small class setting.

**Topics in History**  
HIST-UA 910, 911, 912, 913, 914, 915  
Each fulfills the workshop requirement and may be repeated once for credit as topics change; students cannot take more than four courses (16 points) in total from this list. Workshops. 4 points each.  
Topics vary.

**Medieval France**  
HIST-UA 920 *Fulfills workshop requirement.*  
Workshop. Bedos-Rezak. 4 points.  
Examines France during the Middle Ages (500-1500 C.E.). Modern scholars have challenged the very concept of feudalism, but acknowledge the need to recognize France’s earlier regional units of rule, culture, and society in re-assessing the transformations of power and of economic and social structures that resulted in the late medieval emergence of France as a state. Topics include: ideologies, myths, symbols, linguistic traits, artistic creativity, and attitudes toward those encountered either as neighbors (England, Empire, Iberian Peninsula) or as others (Jews, Muslims, Blacks, Asians).

**World War II in East Asia**  
HIST-UA 931 *Fulfills workshop requirement.*  
Workshop. Linkhoeva. 4 points.  
Students think through World War II in East Asia in three stages: its causes; the course of conflict; and its consequences into our day. The ideological dimension of the war and conflicting ideas on how states should organize the lives of their citizens. Explores how the war tested communism, fascism, socialism, and liberal democracy. Focus on the research and writing process: feasibility of research topics, developing a sound argument with good evidence, and working together on historiography, methodology, analysis, and writing.

**The Capstone Seminar**  
The capstone seminar (HIST-UA 4XX) is the culminating intellectual experience of the history major. Having taken the relevant lecture courses to provide historical background and context, the seminar student undertakes the research and writing of an original paper. These are small classes in which students present their own work and discuss the work of others. The workshop requirement (HIST-UA 900-999, excluding 994, 996, 980 and 997) is a prerequisite for all history capstone seminars. Any additional prerequisites are noted in the course descriptions below.

**Topics in History**  
HIST-UA 401, 413, 441, 443, 471 *Fulfills capstone requirement.* Seminars. Offered every year. 4 points each.  
Topics vary.

**Topics in Environmental History**  
HIST-UA 403 *Fulfills capstone requirement.* Seminar. Offered every year. 4 points.  
Topics vary.

**Histories of Neoliberalism**  
HIST-UA 421 *Fulfills capstone requirement.* Seminar. Goswami. 4 points.  
Queries the origins of the phenomenon, its regional variants, and the methodological challenges of studying an ongoing phenomenon as a complex historical process. Considers the main scholarly interpretations, such as the multi-causal historical explanation of neoliberalism (linking its emergence to transformations in the order of global capitalism) or instead viewing it as a new political rationality that is manifest in techniques of governance.

**Sex, Lies, and Depositions**  
HIST-UA 422 *Fulfills capstone requirement.* Seminar. Geroulanos, Goetz. 4 points.  
The surviving 17th and early 18th century court records of Accomack County, Northampton County, and York County, Virginia are by far the best source for hearing the echoes of the voices of ordinary Virginians; nowhere else can historians find the words and experiences of planters (both wealthy and poor), indentured servants, African slaves, free blacks, and women (both married and unwed). Crime, scandal, and everyday litigation.

**Monarchy in Europe**  
HIST-UA 442 *Fulfills capstone requirement.* Shovlin. 4 points.  
Explores the changing character of monarchy between the late middle ages and the present with the aim of better understanding the long-term evolution of European politics and government. Topics: how monarchies functioned in practice; the role of coercion in sustaining monarchy; why monarchy ceased to seem a natural form of government; the nature of post-revolutionary monarchy; and the character of the monarchies that persist today in many European countries.

**Political Economy and Empire**  
HIST-UA 445 *Fulfills capstone requirement.* Seminar. Sartori. 4 points.  
In the seventeenth century, English, Dutch, and French empires took their place beside the Spanish and Portu-
guese imperial polities established in the sixteenth century. These empires expanded to embrace much of the globe by 1900. This background of empire building was a key context within which a new form of knowledge—political economy—emerged in Europe. A political economy emerged to guide policy makers through the challenges of sustaining state power and successfully managed imperial economies.

**Britain since World War II**

**HIST-UA 451** Fulfill capstone requirement. 
**Seminar. Ortolano. 4 points.**

Britain has faced many of the challenges typical of Western societies, as well as more particular obstacles resulting from its status as a recent imperial power. Topics: the creation of the welfare state, the end of the British Empire, immigration and racial conflict, 1960s second-wave feminism, labor unrest and the decline of heavy industry, neo-liberal economics, and Tony Blair’s New Labour.

**Writing British History**

**HIST-UA 452** Recommended prerequisite(s): Modern Europe (HIST-UA 12) and/or Britain and the British Empire (HIST-UA 162). Fulfill capstone requirement. 
**Seminar. Ortolano. 4 points.**

Introduces a variety of episodes in the historiography of modern Britain, from the wars against the French Revolution to Britain in the 21st century, including in each case a range of primary sources that position students to contribute to this ongoing scholarly conversation.

**Topics in Modern Middle East History**

**HIST-UA 472** Identical to MEIS-UA 688. 
**Fulfill capstone requirement. Seminar. 4 points.**

Topics vary.

**Honors Program**

**Honors Seminar**

**HIST-UA 994** Prerequisite: permission of the director of undergraduate studies. 
**Seminar. Offered in the fall. 4 points.**

Students define and research their senior honors thesis topic. Satisfies the capstone seminar requirement for the major.

**Honors Thesis/Tutorial**

**HIST-UA 996** Prerequisite: permission of the director of undergraduate studies. 
**Seminar. Offered in the spring. 4 points.**

Students work one-on-one with their faculty director to complete and defend their senior thesis. A grade of at least A-minus on the thesis is required to receive honors in history.

**Internship and Independent Study**

**Internship**

**HIST-UA 980, 981** Prerequisite: permission of the director of undergraduate studies. 
**Offered every term. 2 or 4 points per term.**

Enables advanced and qualified students to work on historical projects for credit for up to 12 hours per week in approved agencies or archival centers.

**Independent Study**

**HIST-UA 997, 998** Prerequisites: permission of the instructor and the director of undergraduate studies. Students may not take more than one independent study course per term. No more than two may count toward the major. Instructors are limited to two independent study students per term. Offered every term. 2 or 4 points per term.

**Graduate Courses Open to Undergraduates**

Certain courses in the Graduate School of Arts and Science are open to qualified undergraduates each semester, who are encouraged to enroll in those that fit the needs of their program. Permission of the instructor of the course and of the director of undergraduate studies is required.
MAJOR IN
International Relations

International relations (IR), offered through the Wilf Family Department of Politics, seeks to provide students with an understanding of the global system's past, the tools to function effectively in the present, and the ability to respond to future developments. The program recognizes the changing nature of the contemporary political and economic environment and seeks to lay an interdisciplinary basis for understanding these changes. It provides students with an opportunity to study the complex web of transnational politics in an in-depth, interdisciplinary fashion. The breadth of courses is designed to match the breadth of knowledge and skills that the field requires. The program combines a foundation of core courses in politics, economics, and statistics with a suite of classes on international relations and political economy, elective courses focused on a particular region, advanced study in a foreign language, and a required semester of study abroad. An honors program is offered for qualified students, who take an additional two-semester seminar sequence in their senior year in which they write a thesis under close supervision of faculty members.

FACULTY

Professors
Brams, Bueno de Mesquita, Chandra, Denoon, Gilligan, Hsiung, Rosendorff, Satyanath, Smith, Stasavage

Associate Professors
Chandra, Gilligan, Rosendorff, Satyanath

Assistant Professors
Catilinac, You

PROGRAM

Eligibility to Declare the Major
To be eligible to declare the major, students must first complete International Politics (POL-UA 700). They must also first complete either Introduction to Macroeconomics (ECON-UA 1) or Introduction to Microeconomics (ECON-UA 2), or present equivalent Advanced Placement or other advanced standing credit in economics.

Advanced Placement, International Baccalaureate, and A-Level Credits
Students who have advanced standing credits for macroeconomics and/or microeconomics may count them toward the IR major’s requirements of Introduction to Macroeconomics (ECON-UA...
1) and Introduction to Microeconomics (ECON-UA 2). However, statistics credit from AP, IB, or A Levels does not satisfy the IR major’s research methodology requirement.

**Major: General Information**

All majors must complete a total of twelve 4-point courses (48 points). They complete four core courses, four courses in the international relations environment, and two courses in a regional specialization. Students must also demonstrate proficiency in a foreign language (two courses past the intermediate level) and complete a full semester (not a summer session) in a study away program outside the United States.

**Core Courses for the Major**

All international relations majors must take the following four courses (16 points):

- Introduction to Macroeconomics (ECON-UA 1), or equivalent advanced standing credit
- Introduction to Microeconomics (ECON-UA 2), or equivalent advanced standing credit
- International Politics (POL-UA 700); advanced standing credits are not accepted
- Introduction to Research Methods for Politics (POL-UA 850); advanced standing credits are not accepted

**International Relations Environment Requirement**

Majors must complete four courses (16 points) under this heading. See details under course offerings.

**Regional Specialization Requirement**

Majors must complete two courses (8 points) focusing on a particular world region in a variety of disciplines, including economics, history, politics, sociology, and area studies. These courses are normally taken during the term away. Whether taken at Washington Square or away, both courses must be approved in advance by the program director or the undergraduate advisor for IR. We do not accept courses in art, art history, literature, or film for this requirement.

**Foreign Language Requirement**

Students satisfy this requirement by completing two courses (8 points) beyond the intermediate level. It is recommended but not required that the language be related to the regional specialization and/or the study away site. If a student considers himself or herself fluent in a foreign language, he or she can 1) complete the requirement with a third language or 2) take two advanced courses (literature or advanced translation) in the foreign language of the student’s fluency. In either case, the student must take two courses past the intermediate level; we do not waive this requirement for the IR major.

**Study Away Requirement**

All majors in IR must spend a semester (not a summer session) outside the United States at an NYU Global Academic Center or at one of the universities with which NYU has an exchange agreement. Permission to study at any other site must be petitioned in advance in the Office of the Associate Dean for Students (726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards), after approval by the IR program. Students may study abroad for an entire year, so long as they can complete the necessary requirements for the major and consult beforehand with the undergraduate advisor for IR.
Honors Program

Students who have a 3.65 GPA, both overall and in the IR major, and who are motivated to pursue independent research with an emphasis on quantitative methods and techniques may apply to the program’s honors track. Honors students take the two-semester (8 point) Senior Seminar sequence (INTRL-UA 990, 991) in which they work closely with faculty advisers as they write a senior thesis.

COURSES

Core Courses

To be eligible to declare this major, students are first required to complete International Politics (POL-UA 700). They must also first complete either Introduction to Macroeconomics (ECON-UA 1) or Introduction to Microeconomics (ECON-UA 2), or instead present Advanced Placement or other advanced standing credit in economics. Majors must complete four core courses (16 courses), comprising ECON-UA 1, ECON-UA 2, POL-UA 700, and either POL-UA 800 or 850; students may substitute advanced standing credit for the two economics requirements. However, advanced standing credit is not accepted for the International Politics course or the statistics requirement. For course descriptions and prerequisites, see the economics and politics sections of this Bulletin.

Introduction to Macroeconomics
ECON-UA 1  Liberal Studies students may substitute ECI-UF 1001. Offered every semester. 4 points.

Introduction to Microeconomics
ECON-UA 2  Liberal Studies students may substitute ECI-UF 1002. Offered every semester. 4 points.

International Politics
POL-UA 700  Offered every semester. 4 points.

Introduction to Research Methods for Politics
POL-UA 850  Offered every semester. 4 points.
The International Relations Environment Majors must complete four IR environment courses (16 points) from the approved list of courses below. Please note that courses may be added or deleted from semester to semester. For the most up-to-date list of courses, please consult the IR website. For course descriptions and prerequisites, see under the appropriate academic departments in this Bulletin.

ECONOMICS

International Economics
ECON-UA 238  Offered every year. 4 points.

Economic Development
ECON-UA 323  Offered every year. 4 points.

ENVIRONMENTAL STUDIES

Global Environmental Politics
ENVS-UA 445  Offered in the spring. 4 points.

POLITICS

Immigration and Politics in Western Europe
POL-UA 511  Offered periodically. 4 points.

Politics of Latin America
POL-UA 530  Offered every year. 4 points.

Politics of the Near and Middle East
POL-UA 540  Identical to MEIS-UA 750. Offered periodically. 4 points.

East Asian Politics: China and Japan
POL-UA 560  Offered every year. 4 points.

Contemporary African Politics
POL-UA 584  Offered every other year. 4 points.

Undergraduate Field Seminar: Comparative Politics: Authoritarian Regimes
POL-UA 595  Only “Authoritarian Regimes” is an acceptable topic under POL-UA 595 that can be counted toward the IR environment requirement. Other topics offered under POL-UA 595 are not accepted toward the IR environment requirement. Offered periodically. 4 points.

U.S. Foreign Policy
POL-UA 710  Offered every semester. 4 points.

The Politics of Human Rights
POL-UA 711  Offered every year. 4 points.

National Security
POL-UA 712  Offered every year. 4 points.

American Primacy
POL-UA 715  Offered every year. 4 points.
International Law  
POL-UA 740  Offered periodically. 4 points.

War, Peace, and World Order  
POL-UA 741  Offered every year. 4 points.

International Politics of the Middle East  
POL-UA 760  Identical to MEIS-UA 752. Offered every year. 4 points.

International Relations of Asia  
POL-UA 770  Identical to EAST-UA 770. Offered every year. 4 points.

International Political Economy  
POL-UA 775  Offered periodically. 4 points.

Honors Seminar: 
American Empire?  
POL-UA 796  Offered every year. 4 points.

Games, Strategy, and Politics  
POL-UA 844  Offered every year. 4 points.

STERN SCHOOL OF BUSINESS

Global Business and Human Rights  
BSPA-UB 47  3 credits.

Honors Program

Senior Seminars  
INTRL-UA 990, 991  Prerequisites: a 3.65 GPA both overall and in the major, and permission of the program. Offered in fall and spring respectively. 4 points per term.

The international relations major’s two-semester honors sequence. In the fall term, students learn how to develop explanations for international phenomena and derive testable hypotheses, and then how to develop research designs capable of testing these hypotheses. The senior honors thesis is written in the spring term.
MINOR IN
Irish Studies

Overview
Ireland presents a rewarding area of intellectual inquiry. Its society and culture provide students with an understanding of experiences such as colonialism, rebellion, war, famine, emigration, and international diplomacy from medieval times to the present. It offers opportunities to read literature in both Irish and English, and to understand the far-reaching effects of diaspora, nationalism, and postcolonialism in the modern world.

The Irish studies minor at NYU is a transnational and interdisciplinary program with the opportunity to study and pursue directed research on Ireland and the Irish abroad—in continental Europe, North America, the Caribbean, and Australasia—as well as on the Irish relationship with other migrant peoples around the globe. A faculty of distinguished scholars teach courses that intersect literary, political, historical, linguistic, and cultural arenas at Washington Square, as well as during a six-week summer semester in Ireland at Trinity College Dublin.

Located in a landmark townhouse on Fifth Avenue, Glucksman Ireland House opened in 1993 as NYU’s Center for Irish and Irish American Studies. It publishes the American Journal of Irish Studies annually, and offers an exciting program of events open to students, faculty, and the public. In addition to the minor, there is a B.A./M.A. option open to juniors, and a master’s program for post-graduates.

Faculty

Professors Emeriti
Lee, Scally

Glucksman Professor of History
Kenny

Global Distinguished Professor
Moloney

Clinical Professor
Truxes

Clinical Associate Professors
Casey, Ó Cearuíll, Sullivan, Waters

Faculty Fellow
Hession

Lecturer
Waidler

Affiliated Faculty
Diner, Wolf

Program
Minor
Four 4-point courses (16 points) completed with a grade of C or better (courses graded Pass/Fail do not count). Courses must be chosen from at least two disciplines; one course in the Irish language may count toward the minor; one independent study course may count, with prior approval of the director of undergraduate studies; and two courses from the NYU in Dublin.
program may also be counted. Graduate courses require the permission of the director of graduate studies. Students declare the minor by turning in the declaration form to the director of undergraduate studies. Note that the minor must consist exclusively of content courses (i.e., must not contain a course in Irish language) in order to satisfy the Expressive Culture component of the College Core Curriculum.

**Arts and Science Summer in Dublin**

The Arts and Science summer program in Dublin offers students the opportunity to live and study in a capital city that combines the modernity of a thriving European city with a rich heritage spanning more than a millennium. The program and student housing are centered at Trinity College, Ireland’s oldest university. This program is an intensive study of modern Irish society and culture with particular emphasis on history, literature, creative writing, and the Irish language.

Students examine the experiences and problems that have played a pivotal role in the 20th century and beyond, including the contemporary cultural renaissance, the Celtic Tiger economy, and the revival of the native language. A series of field trips, including weekend excursions to the west of Ireland, complement the academic course of study.

**B.A./M.A. Program**

NYU undergraduates with a 3.5 GPA may apply, in their junior year, to be accepted as B.A./M.A. candidates in the Irish and Irish American studies M.A. program. This allows students to complete both a B.A. in an undergraduate major in the College of Arts and Science and the M.A. degree in five years. A tuition discount may apply. If accepted, B.A./M.A. candidates will take a graduate course, Irish Studies Seminar I, in the fall semester of their senior year. Application to the M.A. is made via the College of Arts and Science Advising Center (726 Broadway, 7th floor; 212-998-8130). Students with questions about the B.A./M.A. degree in Irish studies should contact irland.house@nyu.edu.

**COURSES**

**Language Courses**

**Elementary Irish I**

IRISH-UA 100  Open to students with no previous training in Irish. Ó Cearáill. 4 points.

The rudiments of the language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. Introduction to history of the language and to Irish culture, including discussions of family and place names. Students begin speaking with basic sentence structures.

**Elementary Irish II**

IRISH-UA 101  Prerequisite: Elementary Irish I (IRISH-UA 100), assignment by placement examination, or permission of the department. Ó Cearáill. 4 points.

Expands the study of Irish 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. Song is utilized to promote fluency in spoken Irish.

**Intermediate Irish I**

IRISH-UA 102  Prerequisite: Elementary Irish II (IRISH-UA 101), assignment by placement examination, or permission of the department. Ó Cearáill. 4 points.

Focuses on improving conversational fluency and on expanding vocabulary through reading more complex literature in Irish, as well as on increasing proficiency in writing.

**Intermediate Irish II**

IRISH-UA 103  Prerequisite: Intermediate Irish I (IRISH-UA 102), assignment by placement examination, or permission
of the department. Ó Cearráill. 4 points.
Focuses on conversational fluency, reading complex literature in Irish, and writing in the Irish language. Fulfills the College Core Curriculum language requirement.

Graduate-level courses in Irish language are open by application to advanced undergraduate students.

Content Courses

History of World Trade
IRISH-UA 150  Identical to HIST-UA 213.
Lecture. Offered every year. Truxes. 4 points.
See description under history.

Introduction to Celtic Music
IRISH-UA 152  Identical to MUSIC-UA 182.
Lecture. Moloney. 4 points.
Traditional and contemporary music of Ireland, Scotland, Wales, Brittany, and Galicia. Range of singing styles and the musical instruments employed in each culture, including harps, bagpipes, and a variety of other wind, free reed, keyboard, and stringed instruments. Forms and musical styles are explored in depth, along with a study of their origin, evolution, and cultural links.

Migration in World History: The Irish Case
IRISH-UA 170  Formerly Global Diaspora: The Irish Case. Lecture. Kenny. 4 points.
Particular attention to the movements of Irish on the European continent and in Britain; the United States, Canada, and the Caribbean; Australia and New Zealand; and South America. The consequences of emigration for Ireland and for the receiving nations, as well as Ireland's transformation in the late twentieth century from emigrant nursery to emigrant destination. Consideration of some of the most prominent Irish diasporic communities.

The Irish Abroad in the Early Modern World
IRISH-UA 171  Identical to HIST-UA 171.
Lecture. Truxes. 4 points.
Explores the roots of the global Irish presence from the well-established communities of Irish expatriates on the European continent in the early 17th century to the Irish mariners, merchants, settlers, and servants who took part in the formation of the Atlantic World over the next two hundred years. Important chapters in this story involve the American and French Revolutions.

Transatlantic Connections: Ireland and America since 1920
IRISH-UA 172  Identical to HIST-UA 172.
Seminar. Casey. 4 points.
Examines the history of Ireland (including Northern Ireland), the United States, and Irish America as they intersected or diverged over the course of the 20th century. Focuses particularly on diplomacy, economics, education, immigration, nationalism, tourism, culture, philanthropy, and the circulatory movement of capital that emerged as major arenas for interaction. Also interrogates an emerging historiography.

The Irish and New York
IRISH-UA 180  Identical to HIST-UA 180,
SCA-UA 758. Lecture. Casey. 4 points.
Considers the symbiotic relationship between a developing metropolis and an immigrant people since the 18th century, with concentration on significant mid-19th century political, social, and cultural changes when New York City was dramatically altered by the Irish. Explores how certain themes and events are used to define and mythologize the urban and ethnic, and considers factors beyond race and language which help define and preserve ethnic group identity over time.

Topics in Irish History
IRISH-UA 181  Identical to HIST-UA 181.
Lecture. Casey, Hession, Kenny, Truxes, Wolf. 4 points.
Topics vary by semester and have included interpreting the Easter 1916 Rising, comparative migration and diasporic experiences, and digital humanities research methods.

History of Modern Ireland I, 1485–1800
IRISH-UA 182  Identical to HIST-UA 182.
Lecture. Hession, Truxes. 4 points.
From the Tudor Age and the English conquest of Ireland to the last meeting of the Irish Parliament. Themes: plantation of Ireland with settlers from England, Scotland, and Wales; decline of the Gaelic political order and culture; religious Reformation and Counter-Reformation; Ireland as a site of English and European wars; and the attempt to rebel against British rule in the late 18th century, resulting in the Act of Union.

History of Modern Ireland II, 1800 to the Present
IRISH-UA 183  Identical to HIST-UA 183.
Lecture. Casey, Hession. 4 points.
Particular attention to the complex geopolitical relationship between Ireland and Britain. Examines the place of historical memory in fashioning inherited identities shaped by nationalism and unionism; the two state-building projects that emerged on the island in the aftermath of revolution, a bitter civil war, and partition; and the Irish experience in the context of world history.

Seminar in Irish History
IRISH-UA 185  Identical to HIST-UA 185.
Casey, Hession, Kenny, Truxes, Wolf. 4 points.
Topics vary and have included development and modernization of the Republic of Ireland and its economy; India and Ireland; and the Great Famine of 1845–51.
The Irish in America
The Irish experience in America over the past four centuries is complicated
by multiple generations, diversity of class, continuing immigration, and rapid
changes in both the homeland and the receiving country. Considers factors
affecting emigration from Ireland; examines Irish impact on the develop-
ment of the United States, particularly its cities; studies the changing Irish
image in popular culture; and considers what the Irish can teach us about the
evolution of ethnic identity.

Myths and Cultures of the Ancient Celts
IRISH-UA 307 Lecture. Waidler. 4 points.
Focuses on the exchange of ideas inside and outside the Celtic world between
the 7th and 13th centuries. Draws on Anglo-Saxon, Norse, and Celtic literature
and history. Texts are read in translation.

Medieval Ireland: Heroes, Vikings, and Saints in History and Literature
IRISH-UA 308 Lecture. Waidler. 4 points.
Using hagiographical writing and other early texts in Irish and Latin, explores
the intersection of pagan and Christian worlds in this medieval society and
culture. Texts are read in translation.

Saints in History and Literature
IRISH-UA 308 Lecture. Waidler. 4 points.
Using hagiographical writing and other early texts in Irish and Latin, explores
the intersection of pagan and Christian worlds in this medieval society and
culture. Texts are read in translation.

Pirates and Buccaneers: Seaborne Terrorism in the Early Modern World
IRISH-UA 369 Identical to HIST-UA 369. Lecture. Truxes. 4 points.
Spain’s political and economic power in the early sixteenth century bred waves
of French, English, Irish, and Dutch contraband slave traders, seaborne raiders, freebooters, and privateers
eager to thwart her hegemony and expropriate her wealth. Their success
was not suppressed until the early eighteenth century. The response of the early modern world to piracy is

Rebels and Rogues: Political Violence in Early Modern Ireland
IRISH-UA 370 Lecture. Truxes. 4 points.
Explores political violence as a salient feature of the history of early-modern Ireland beginning in 1534, and running
through the Rising of 1798. A succession of clashes across cultural, sectarian, economic, and social boundaries
are explored, with particular emphasis on the men and women in these con-
flicts who embody the best and worst aspects of human nature.

Ireland in the Age of Revolution, 1750-1803
IRISH-UA 515 Identical to HIST-UA 515. Lecture. Truxes. 4 points.
Eighteenth century Ireland, especially its Catholic majority, was subject to a
repressive penal code. Republican rhetoric imported from America and
France between 1760 and 1790 challenged British economic and political
dominance. Focuses on the constitutional and revolutionary responses that culminated in the Act of Union in 1800.
Explores how the legacy of Emmet’s abortive rising in 1803 colored Ireland’s
political agenda for more than a century.

The Irish Renaissance
IRISH-UA 621 Identical to ENGL-UA 621. Lecture. Sullivan, Waters. 4 points.
Covers the tumultuous period from the fall of Charles Stuart Parnell, through
the Easter Rising in 1916, and into the early years of national government in the 1930s. Readings in various genres
(poetry, short story, novel, drama). Writers may include Oscar Wilde, W.B.
Yeats, James Joyce, Lady Gregory, John Millington Synge, Sean O’Casey, Samuel

Irish American Literature
IRISH-UA 622 Identical to ENGL-UA 622. Lecture. 4 points.
From the 19th century to the present, considering the literary responses of
generations of Irish immigrants to the American experience. The works of
writers such as Fitzgerald, O’Neill, O’Connor, O’Hara, and Kennedy are
explored, as are the connections between ethnic and literary cultures.

Irish Poetry after Yeats
IRISH-UA 624 Seminar. Sullivan. 4 points.
Traces Irish poetry beginning in the 1930s with the influence of W.B. Yeats;
emphasizes later twentieth-century poetry by Seamus Heaney, Eavan Boland,
and Louis MacNeice, among others, as well as poetry by women and in the Irish
language (read in translation). “Close reading” and discussion in classes are
supplemented with visits from practicing Irish poets.

Colloquium: Joyce
IRISH-UA 625 Identical to ENGL-UA 625. Seminar. Sullivan, Waters. 4 points.
Study of James Joyce’s major works. Readings will span the entire oeuvre,
from Dubliners to Finnegans Wake, with a detailed reading of Ulysses.

Irish Women Writers
IRISH-UA 627 Identical to ENGL-UA 627. Seminar. Sullivan. 4 points.
Historicizes and responds to marginal-
zation and exclusion in the canon by
arguing for a “tradition” of women’s
writing. Focuses primarily on work from the twentieth and twenty-first centuries, using novels, drama, poetry, and short stories to raise questions about aesthetics, historical context, gender, sexuality, race, class, and religion. Supplemental readings include postcolonial theory, Irish feminist theory, and other relevant literary and cultural criticism.

Art and Society in 20th Century Ireland
IRISH-UA 650  Lecture. Sullivan. 4 points.
Explores the concurrent and overlapping literary and visual arts movements in Ireland from 1900 through mid-century. Examines how writers (Synge, W.B. Yeats, Joyce, Bowen, Beckett) helped shape a national culture through the Irish literary revival, and tests whether artists identified with the Irish Arts and Crafts Movement (Clarke, Jellett, Jack Yeats, Keating, le Brocquy) shared aesthetic interests and goals in their attempt to establish an Irish identity for the newly independent nation.

Irish Dramatists
IRISH-UA 700  Identical to ENGL-UA 700. Lecture. Sullivan, Waters. 4 points
A study of the rich dramatic tradition of Ireland since the days of Yeats, Lady Gregory, and the fledgling Abbey Theatre. Playwrights covered include Synge, O’Casey, Beckett, Behan, Friel, Murphy, McGuinness, and Devlin. Issues of Irish identity, history, and postcoloniality are engaged alongside an appreciation of the poetic achievements and theatrical innovations that characterize this body of work.

Topics in Irish Literature
IRISH-UA 761  Identical to ENGL-UA 761. Lecture. Sullivan, Waters. 4 points.
Topics vary by semester and have included women writers, wartime and spy literature, contemporary poetry, and film and literature.

Arthurian Legend: Arthur and the Celts
IRISH-UA 800  Lecture. Waidler. 4 points.
Discusses the legend of the famous king as a hero in medieval Wales and Ireland and depictions of Arthur ranging from villain to tragic hero. Explores how the Celtic Arthur compares with the continental Romances; the legend’s interpretation of Christianity and the pagan past; the depiction of “magic” and “miracles” within the texts; and the role of gender in medieval writing.

Independent Study
IRISH-UA 998  Prerequisite: permission of the director of undergraduate studies. 2 or 4 points.
Independent study with an Irish studies faculty member.
New York University's Department of Italian Studies is the largest free-standing Italian department in North America, with faculty expertise that includes a range of historical periods and methodologies, spanning from medieval literature to neorealist cinema. Students can take courses in topics such as Renaissance epic, Futurism, literary translation, avant-garde literature, opera, Italian American culture, and Dante's *Divine Comedy*. Classes are conducted in both Italian and English.

We offer one-on-one faculty advising for students who choose to write honors theses and/or present their work at our annual undergraduate research symposium. Through our department, students have access to the bountiful event programming of the Casa Italiana Zerilli-Marimò, and have the opportunity for internships and scholarships. Majors and minors are encouraged to enrich their studies by spending at least one semester at NYU’s breathtaking Florence campus.

Students of Italian studies gain cultural fluency and research experience that prepares them for graduate study and for careers in a range of fields.

Major in Italian Studies

The major consists of 36 points as follows:

- Advanced Review of Modern Italian (ITAL-UA 30)
- One conversation course: Conversations in Italian (ITAL-UA 101); Italian through Cinema (ITAL-UA 107); or Italian through Opera (ITAL-UA 108)
- One composition course: Creative Writing in Italian (ITAL-UA 103); Translingual Writing in Italian (ITAL-UA 104); Advanced Composition (ITAL-UA 105); or Translation (ITAL-UA 110)
- At least one literature survey course: either Readings in Medieval and Renaissance Literature...
(ITAL-UA 115) or Readings in Modern Italian Literature (ITAL-UA 116). Note: majors are advised to take both.

- Five courses drawn from advanced literature and/or culture and society offerings in the department. At least one of these courses must focus on the medieval/early modern period and one on the modern/contemporary period.

**Major in Italian and Linguistics**

This joint major requires a total of 36 points completed with a grade of C or better. The Italian part of this major is satisfied by taking four 4-point courses (16 points) as follows:

- Advanced Review of Modern Italian (ITAL-UA 30)
- One advanced Italian language course (ITAL-UA 101, ITAL-UA 103, ITAL-UA 104, ITAL-UA 105, ITAL-UA 107, ITAL-UA 108, or ITAL-UA 110)
- Two advanced courses in Italian literature and/or Italian culture and society, to be determined in consultation with the director of undergraduate studies.

The linguistics part of this major is satisfied by taking the following five courses (20 points):

- Either Language (LING-UA 1) or Language and Mind (LING-UA 3)
- Sound and Language (LING-UA 11)
- Grammatical Analysis (LING-UA 13)
- A total of two additional courses from two different fields of linguistics, chosen from the following (please see linguistics in this Bulletin for course titles and descriptions):
  - Historical linguistics (LING-UA 14)
  - Sociolinguistics (LING-UA 15, LING-UA 18, LING-UA 30, LING-UA 38, LING-UA 57)
  - Phonology (LING-UA 12)
  - Semantics (LING-UA 4)
  - Computational linguistics (LING-UA 6, LING-UA 7)
  - Psycholinguistics (LING-UA 5, LING-UA 43, LING-UA 54, LING-UA 59)
  - Structure of a modern language (LING-UA 10, LING-UA 42, LING-UA 44, LING-UA 9032)

**Major in Romance Languages**

See the Romance languages section of this Bulletin for details and requirements.

**Policies Applying to the Major**

- All courses for the major must be completed with a grade of C or better and cannot be taken on a Pass/Fail basis.
- No more than two courses from CORE-UA and/or FYSEM-UA can count toward the major in Italian. They must be taught by Italian studies faculty members.
- Internships do not count toward the Italian major.
- Transfer students must complete at least five courses (20 points) of the nine courses (36 points) required for the Italian major while in residence at New York University.

**Minor in Italian Studies**

The minor in Italian studies consists of 16 points above Intermediate Italian II (ITAL-UA 12) or Intensive Intermediate (ITAL-UA 20), as follows:

- Advanced Review of Modern Italian (ITAL-UA 30)
- One advanced language course (ITAL-UA 101, ITAL-UA 103, ITAL-UA 104; ITAL-UA 105, ITAL-UA 107, ITAL-UA 108, or ITAL-UA 110)
• Two courses in literature and/or culture and society, to be chosen in consultation with a
departmental adviser.

Policies Applying to the Minor
• All courses must be completed with a C or better and may not be taken Pass/Fail.
• Transfer students must complete at least two of the four courses at NYU. Internships do not
count toward the minor.
• No more than one course from CORE-UA or FYSEM-UA can count toward the minor in Italian
Studies. This course must be taught by an Italian Studies faculty member.

Honors Program in Italian Studies
To qualify for honors in the Italian studies major, a student must maintain an overall GPA of 3.65
and a major GPA of 3.65 or higher. Students who wish to pursue honors should contact the director
of undergraduate studies for an application during the junior year. The director of undergraduate
studies may, by petition to the director of college honors, consider strong candidates who do not
meet the GPA threshold of 3.65.

Honors majors complete an 8-point sequence consisting of the Senior Honors Seminar (ITAL-
UA 999), taken in the fall of senior year, and the Honors Independent Study (ITAL-UA 990), taken
in the spring of senior year. Both count as advanced courses for the major. Students work closely
with a departmental faculty member who becomes the honors thesis adviser (chosen in consul-
tation with the director of undergraduate studies). The thesis should be a work of scholarship
and/or criticism from 40 to 60 pages in length. In consultation with a second faculty reader, the
student’s thesis adviser determines whether or not to recommend him or her for honors in Italian.
A grade of at least A- is required for the award of honors. Students receiving a lower grade will
simply be awarded 8 credits toward the major.

Capstone Project Option for Non-Honors Majors
Majors in the department who do not choose or qualify to write a senior honors thesis may pursue
the capstone project option, which is not a requirement for the major. Developed in conjunction
with a faculty member in the junior or senior year, the capstone consists of a research paper or
research project, as well as a final oral defense/discussion of the project in Italian. The capstone
does not require a separate course or independent study, but rather is developed within a class
in which the student is already enrolled. The project is completed in addition to the existing
course requirements (whether a final paper written in the Italian language, extra pages added
to a research paper, a creative project such as a film or film script, etc.). The department’s spring
undergraduate conference offers an ideal venue for the presentation of outstanding capstone
projects.

Accelerated B.A/M.A. Program in Italian Studies
Undergraduates with a cumulative GPA of 3.5 or higher are eligible for the five-year program in
Italian Studies. For full-time students in CAS, tuition for the fifth year is offered at a 50 percent
discount, and the application fee and GRE exam are waived. Majors in Italian studies may apply
to the program once they have completed between 48 and 96 credits toward the B.A. Students
in the program must satisfy all of the requirements of both the B.A. and M.A.; there is no double-
counting of courses. To complete the program in five years, students must finish at least a fourth
of the master’s requirements (two graduate courses) before the beginning of the fifth year. For
further information about the B.A./M.A., contact the department’s director of graduate studies.
Casa Italiana Zerilli-Marimò at New York University

The Department of Italian Studies shares the space at 24 West 12th Street with Casa Italiana Zerilli-Marimò. The Casa was founded in 1990 by Baroness Mariuccia Zerilli-Marimò with the goal of promoting Italian culture by offering a program of free events, open to everyone, on all topics related to Italian studies, including language, literature, cinema, music, theater, and visual art, as well as politics, economics, and lifestyle. The Casa’s mission is to create a physical and virtual space for dialogue between Italy and the United States on all of these themes. Students are encouraged to participate in the many lectures, conferences, concerts, and film series that Casa Italiana Zerilli-Marimò and the Department of Italian Studies offer.

NYU Florence

Students are able to study at NYU Florence in the fall, spring, and summer semesters. While most courses are taught in English, NYU Florence also offers an Italian immersion program for Italian studies majors and minors, as well as for those whose language abilities are sufficiently advanced. Advanced students are also eligible to take courses at the Università di Firenze. Students can study abroad in the summer through the 6-week program Summer in Florence, which offers courses in Italian language as well as literature, cinema, opera, and art history. Visit the department’s website for more study away information.

COURSES

Fulfillment of the College Core Curriculum Language Requirement

The language requirement in Italian may be fulfilled either by two 6-point intensive courses (ITAL-UA 10 and ITAL-UA 20) for a total of 12 points, or by the extensive sequence of four 4-point courses (ITAL-UA 1, ITAL-UA 2, ITAL-UA 11, and ITAL-UA 12) for a total of 16 points. A student may also follow a plan of study combining two 4-point courses with one 6-point course (ITAL-UA 1, ITAL-UA 2, and ITAL-UA 20; or ITAL-UA 10, ITAL-UA 11, and ITAL-UA 12) for a total of 14 points. All students planning to study in Florence or continue their study of Italian beyond the Core requirement are strongly advised to take ITAL-UA 10 and ITAL-UA 20, since this permits completion of the Core language requirement in two semesters.

Introductory Language Courses

Elementary Italian I
ITAL-UA 1 Open to students with no previous training in Italian and to others on assignment by placement test. Not equivalent to Intensive Elementary Italian (ITAL-UA 10). Only by combining ITAL-UA 1 with ITAL-UA 2 can a student complete the equivalent of ITAL-UA 10 and then continue on to the intermediate level. Offered every semester. 4 points.

Elementary Italian II
ITAL-UA 2 Prerequisite: Elementary Italian I (ITAL-UA 1) or assignment by placement test. To continue on to the intermediate level, a student must complete both ITAL-UA 1 and ITAL-UA 2. This sequence is equivalent to ITAL-UA 10. Offered every semester. 4 points.

Intensive Elementary Italian
ITAL-UA 10 Open to students with no previous training in Italian and to others on assignment by placement test. Completes the equivalent of Elementary Italian I and II in one semester. Offered every semester. 6 points.

Intermediate Italian I
ITAL-UA 11 Prerequisite: Intensive Elementary Italian (ITAL-UA 10), or Elementary Italian II (ITAL-UA 2), or assignment by placement test. Not equivalent to Intensive Intermediate Italian (ITAL-UA 20). Only by combining ITAL-UA 11 with ITAL-UA 12 can a student complete the equivalent of ITAL-UA 20 and then continue on to the post-intermediate level. Offered every semester. 4 points.

Intermediate Italian II
ITAL-UA 12 Prerequisite: Intermediate Italian I (ITAL-UA 11) or assignment by placement test. Fulfills Core language requirement. To fulfill Core requirements and
continue on to the post-intermediate level, a student must complete both ITAL-UA 11 and ITAL-UA 12. This sequence is equivalent to ITAL-UA 20. Offered every semester. 4 points.

**Intensive Intermediate Italian**
ITAL-UA 20  Prerequisite: Intensive Elementary Italian (ITAL-UA 10), or Elementary Italian II (ITAL-UA 2), or assignment by placement test. Completes the equivalent of Intermediate Italian I and II in one semester. Fuills Core language requirement. Offered every semester. 4 points.

**Advanced Language Courses**

**Advanced Review of Modern Italian**
ITAL-UA 30  Prerequisite: Intermediate Italian II (ITAL-UA 12) or Intensive Intermediate Italian (ITAL-UA 20), or assignment by placement test, or permission of the instructor. Serves as the prerequisite for other advanced courses in language, literature, and culture and society. Offered every semester. 4 points.

Systematizes and reinforces language skills through an intensive review of grammar and composition, lexical enrichment, improvement of speaking ability, and selected readings from contemporary Italian literature.

**Conversations in Italian**
ITAL-UA 101  Prerequisite: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Offered every fall. 4 points.

Through discussions, oral reports, and readings, students improve pronunciation, become familiar with idiomatic expressions, and develop vocabulary that allows them to communicate with others on topics such as family and student life, politics, the arts, food, and fashion. Useful for students who are planning to study or travel abroad.

**Creative Writing in Italian**
ITAL-UA 103  Prerequisite: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Offered every one to two years. 4 points.

Students are encouraged to rewrite, parody, and shift genres, with the aim of improving their writing and reading techniques.

**Translingual Writing in Italian**
ITAL-UA 104  Prerequisite: Intermediate Italian II (ITAL-UA 12) or Intensive Intermediate Italian (ITAL-UA 20), or permission of the instructor. Offered every one to two years. 4 points.

The approach is threefold: (1) intensive study of the syntactical structures of Italian; (2) reading and analysis of contemporary texts from various sources, such as newspapers, magazines, and literary works; and (3) frequent writing of short compositions stressing grammatical and syntactical accuracy, as well as variety of vocabulary.

**Advanced Composition**
ITAL-UA 105  Prerequisite: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Offered every one to two years. 4 points.

The approach is threefold: (1) intensive study of the syntactical structures of Italian; (2) reading and analysis of contemporary texts from various sources, such as newspapers, magazines, and literary works; and (3) frequent writing of short compositions stressing grammatical and syntactical accuracy, as well as variety of vocabulary.

**Italian through Cinema**
ITAL-UA 107  Prerequisite: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Offered every spring. 4 points.

Aims to enrich knowledge of Italian language, culture, and society through screening and discussion of contemporary Italian cinema and detailed analysis of film scripts. Students are encouraged to use different idiomatic expressions and recognize regional linguistic variety. Special emphasis on developing a more extensive vocabulary and an expressive range suited to discussion of complex issues and their representation.

**Italian through Opera**
ITAL-UA 108  Identical to DRLIT-UA 820. Prerequisite: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Offered periodically. Scarcella-Perino. 4 points.

Designed to help students increase their understanding of the Italian language through exposure to famous Italian operas. Reading of librettos and listening to arias supplemented with critical materials on reception and on current performances. Operatic plots and settings are linked thematically to present day issues, leading to discussion of contemporary social and cultural perspectives.

**Translation**
ITAL-UA 110  Prerequisites: Advanced Review of Modern Italian (ITAL-UA 30) or permission of the department. Offered every spring. Marchelli. 4 points.

Stresses the acquisition of vocabulary and complex idiomatic structures necessary for effective reading comprehension and written expression. Analysis of dialogue, style, and linguistic choices of each author, so as to explore the development of the written language, slang, regional expressions, and linguistic differences that have accompanied and defined the evolution of Italian over the past 20 years.

**Literature Survey Courses**

The prerequisite for the following courses is Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor.
Readings in Medieval and Renaissance Literature
ITAL-UA 115 Identical to MEDI-UA 115. Offered every year. Ducci. 4 points.
Close reading of authors such as Dante, Boccaccio, Petrarch, Machiavelli, and Ariosto. Covers Italian literature from its origins to the 17th century.

Readings in Modern Italian Literature
ITAL-UA 116 Offered every year. Ducci. 4 points.
Close reading of authors such as Alfieri, Foscolo, Leopardi, Manzoni, Verga, D’Annunzio, Moravia, and Calvino. Covers Italian literature from the 18th century to the contemporary period.

Advanced Literature Courses

The prerequisite for the following courses, when taught in Italian, is Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. Either Readings in Medieval and Renaissance Literature (ITAL-UA 115) or Readings in Modern Italian Literature (ITAL-UA 116) is a recommended prerequisite. There are no prerequisites for courses taught in English.

Love and War in Renaissance Italy: Chivalric Romance and Epic
ITAL-UA 145 Offered every two to three years. Cox. 4 points.
Study of Lodovico Ariosto’s Orlando furioso (1532) and Torquato Tasso’s Gerusalemme liberata (1581) in their historical context and in relation to the rich literary traditions of romance and epic that converge in them. Thematic focuses include the construction of gender and the representation of religious and racial “otherness.”

Machiavelli
ITAL-UA 147 Identical to HIST-UA 123, MEDI-UA 147. Offered every other year. Albertini. 4 points.
The inventor of modern political science, Niccolò Machiavelli is one of the most original thinkers in the history of Western civilization. Machiavelli’s political, historical, and theatrical works are read in the context in which they were conceived—the much tormented and exciting Florence of the 15th and early 16th centuries, struggling between republican rule and the magnificent tyranny of the Medici family.

Francesco Petrarca’s Rime
ITAL-UA 155 Identical to MEDI-UA 322. Offered every two to three years. Ardizzzone. 4 points.
The poems (their themes and techniques) and the intellectual and cultural contexts of this early (14th century) humanist. Also considers his influence on the lyric poetry of future centuries, from the high Renaissance to the modern era.

Dante’s Divine Comedy in Context
ITAL-UA 269 Identical to MEDI-UA 269 when taught in English. Offered every two years. Ardizzzone. 4 points.
The Divine Comedy is traditionally judged to be one of the most important poems in Western culture. At the center of the poem is the human being, his condition in the afterlife and his punishment or reward. Taken literally, the theme is the state of souls after death. Allegorically, the true subject is the moral life. Considers the cultural and intellectual traditions that shaped Dante’s mind and his work.

Dante’s Divine Comedy
ITAL-UA 270 Identical to COLIT-UA 270, ENGL-UA 142, and MEDI-UA 271 when taught in English. Offered every fall. Ardizzzone, Cornish. 4 points.

Students study The Divine Comedy both as a mirror of high medieval culture and as a unique text that breaks out of its cultural bounds. The entire poem is read, in addition to selections from the Vita Nuova and other complementary minor works.

Boccaccio’s Decameron
ITAL-UA 271 Identical to MEDI-UA 271 when taught in English. Offered every two to three years. Ardizzzone. 4 points.
A study of Boccaccio’s Decameron with particular emphasis on themes, conceptual innovations, and influences on French and English literatures.

Pirandello and the Contemporary Theatre
ITAL-UA 274 Identical to DRLIT-UA 280 when taught in English. Offered every two to three years. 4 points.
An introduction to Luigi Pirandello’s major plays as they relate to the foundation of contemporary theatre. Attention is also paid to grotesque and futurist drama. Works studied include Sei personaggi in cerca d’autore, Così è (se vi pare), and Enrico IV.

Modern and Contemporary Italian Narrative
ITAL-UA 275 Offered every two to three years. 4 points.
Follows the development of Italian narrative from Manzoni and Verga to present-day trends in Italian prose. Emphasizes works of Tabucchi, Maraini, Pasolini, Morante, and Calvino.

From the Table to the Page
ITAL-UA 280 Offered periodically. Falkoff. 4 points.
Study of novels, novelle, memoirs, cookbooks, and manifestos from the late nineteenth century to the present. Examines what ideological work is performed by such literary gastronomy, and how it contributes to the production...
of national, regional, and local identities, as well as to socioeconomic differences.

**Italian Cinema and Literature**
ITAL-UA 282 Identical to DRLIT-UA 505. Offered every two to three years. Albertini. 4 points.
Studies the relationship between Italian literature and post-World War II cinema, including the poetics and politics of the process of cinematic adaptation. Among the authors and directors examined are Lampedusa, Bassani, Sciascia, Visconti, Moravia, De Cespedes, DeSica, and Rosi.

**Topics in Italian Literature**
ITAL-UA 285 Offered every one to two years. 4 points.
Topics vary.

**The Passions of Elena Ferrante**
ITAL UA 300 Offered periodically. Falkoff. 4 points.
Close reading of novels, interviews, and essays by Ferrante. Engaging with Sianne Ngai, Elspeth Probyn, Lauren Berlant and others, we consider the political and aesthetic implications of ugly and opaque emotions like irritation, envy, disgust, and shame. We also study major influences, both writers Ferrante cites frequently in interviews—Adriana Cavarero, Carla Lonzi, Luisa Muraro, and Elsa Morante—as well as those she tends to refrain from naming—Christa Wolf and Ingeborg Bachmann.

**Topics in Contemporary Italian Literature**
ITAL-UA 301 Offered periodically. 2 points.
Topics vary.

**Italian American Life in Literature**
ITAL-UA 724 Identical to ENGL-UA 724. Offered every spring. Hendin. 4 points.
A study of the fiction and poetry through which Italian American writers have expressed their heritage, identity, and engagement in American life. From narratives of immigration to current work by “assimilated” writers, explores changing family relationships, sexual mores, and political and social concerns.

**Topics in Renaissance Literature**
ITAL-UA 760 Offered every two to three years. 4 points.
Topics vary.

**The Sicilian Novel**
ITAL-UA 862 Offered every two to three years. 4 points.
Writers of the 19th and 20th centuries, with particular attention to Sicily’s distinct literature and culture. Authors may include Verga, Pirandello, De Roberto, Lampedusa, Sciascia, Mario Puzo, Andrea Camilleri, Dacia Maraini, Elio Vittorini, and Vincenzo Consolo; films may include Cinema paradiso, La terra trema, Il Gattopardo, The Godfather, and Salvatore Giuliano.

**Culture and Society Courses**
The prerequisite for the following courses, when taught in Italian, is Advanced Review of Modern Italian (ITAL-UA 30) or permission of the instructor. There are no prerequisites for courses taught in English.

**The Renaissance**
ITAL-UA 121 Identical to HIST-UA 121 and MEDI-UA 121. Offered every two to three years. Appuhn. 4 points.
From its origins in the 14th century to its waning at the end of the 16th century. Focuses on developments in Italy, especially the development of republican city-states, the social basis for the explosion in artistic and intellectual production, and the emergence of new forms of political and scientific analysis.

**Giordano Bruno and the Art of Memory**
ITAL-UA 148 Identical to HIST-UA 126 and MEDI-UA 148. Offered every two to three years. Cipani. 4 points.
Memory devices reached a peak of refinement during the Italian Renaissance; they aimed to organize knowledge and were intended as tools for creative output. Examines their impact on the literary production of the time, highlighting the interdependence between textual and visual codes. Focuses on the heretic philosopher and cosmologist Giordano Bruno, burned at the stake by the Roman Inquisition in 1600, who conceived his imposing mnemonic system as an inner mirror of the infinite universe.
Visual Languages of the Renaissance: Emblems, Dreams, Hieroglyphs
ITAL UA 150 Identical to MEDI-UA 760. Offered every two to three years. Cipani. 4 points.
Examines the Renaissance convictions that concepts could be systematically turned into images, and that such images could be organized into a visual language more profound and universal than discursive logic. Introduction to emblem books, dream books and dream-centered works, hieroglyphic inventions and studies, collections of proverbs, iconology manuals, and early modern and recent theory of emblems. Concludes with a survey of corporate logos and Russian criminal tattoos.

Visual Poetry
ITAL-UA 152 Offered every other year. Cipani. 4 points.
Literary artifacts (all in English translation) that are also visual compositions. Focuses on Italian 20th century experimental literary forms (Futurism, “poesia visiva,” concrete poetry), but students also explore a historical range of such textual-visual hybrids, from the classical world through the Middle Ages, Renaissance, and Baroque periods. Addresses theoretical issues raised by iconic texts: how do we read visual poetry? What does it mean to be engaged as a reader and as a viewer at the same time?

Dante and His World
ITAL-UA 160 Identical to MEDI-UA 801, ENGL-UA 143. Offered every two to three years. Ardizzone. 4 points.
Interdisciplinary introduction (in English) to late medieval culture. The literature, art, and music, as well as political, religious, and social developments of the time. Emphasizes the classical background of medieval culture and its transmission to the modern world. Readings include: selections from Dante, St. Augustine, Boethius, St. Francis, Brunetto Latini, Thomas Aquinas, and Boccaccio.

Italian Colonialism
ITAL-UA 164 Identical to EURO-UA 161, HIST-UA 204. Offered every two to three years. Ben-Ghiat. 4 points.
From the late 19th century through decolonization. Uses colonial travel literature, films, novels, diaries, memoirs, and histories to address the meaning of colonialism within Italian history and culture, the specificities of Italian colonialism, and the legacies of colonialism in contemporary Italy.

Italian Fascism
ITAL-UA 165 Offered every two to three years. Ben-Ghiat. 4 points.
An interdisciplinary examination of the cultural production of the fascist period. Students examine the image that the fascist regime produced of itself through the study of popular novels, architecture, film, and political speeches.

Contemporary Italy
ITAL-UA 166 Identical to EURO-UA 164. Offered every two to three years. Albertini, Ben-Ghiat. 4 points.
The political, cultural, economic, and social history of Italy since World War II. Topics: the transition to democracy, the Cold War, social and political movements of the late 1960s and 1970s, the battle against the Mafia, postwar emigration, the rise and fall of postwar Christian Democracy and Italian communism, and the emergence of new political parties.

Modern Italy
ITAL-UA 168 Identical to EURO-UA 163, HIST-UA 168. Offered every two to three years. Ben-Ghiat, Merjian. 4 points.
A survey of Italian history from unification to the present. Examines the political, social, and cultural history of liberalism, fascism, World War II, Christian Democracy, and communism; the political crisis of the early 1990s; and the rise of new regional and rightist parties.

Topics in Italian Culture
ITAL-UA 171 May be repeated three times (taken four times in total) for credit as content changes. 2 points.
Topics vary by semester.

Topics in Renaissance Culture
ITAL-UA 172 Offered every semester. 4 points.
Topics vary by semester.

Topics in Italian Culture
ITAL-UA 173 Offered every semester. 4 points.
Topics vary by semester.

Italian Films, Italian Histories I
ITAL-UA 174 Identical to DRLIT-UA 503. May be taken independently of Italian Films, Italian Histories II. Offered every one to two years. Albertini. 4 points.
Studies representations of Italian history from ancient Rome to the Risorgimento through the medium of film. The use of filmic history as a means of forging national identity.

Italian Films, Italian Histories II
ITAL-UA 175 Identical to DRLIT-UA 506 and HIST-UA 176. May be taken independently of Italian Films, Italian Histories I. Offered periodically. Ben-Ghiat. 4 points.
Studies representations of Italian history from the unification of Italy to the present through the medium of film. Explores the possibilities and limitations of feature films for the representation of history and asks: what happens when history becomes cinema and when cinema takes on history?

Topics in Italian Culture
ITAL-UA 177 Prerequisites vary by topic. May be repeated three times (taken four times in total) for credit as topics change. Seminar. Offered periodically. 4 points.
Subjects of special interest taught by a regular or visiting faculty member. Topics vary by semester; for specific offerings, please consult the class schedule.

**Language, Culture, and Identity in Italy**

ITAL UA 260  *Identical to COLIT-UA 801, EURO-UA 200, and LING-UA 32. Offered every two to three years.* Cipani. 2 points.

What we call the Italian language today—the Italian of newspapers and television, of Italian language tuition, of street signs, of the Italian parliament—is only one variant among many languages spoken within the Italian peninsula throughout its history. Examines how local dialects and regional variants of Italian continue to have a significant cultural role in literature, music, and cinema. Taught in English.

**Violence and Memory in Contemporary Italy**

ITAL UA 265  *Offered every two to three years.* Forgacs. 4 points.

From the execution of Mussolini in April 1945 to the mafia bombings of the early 1990s, acts of violence against individuals or groups of people have been recurrent in the history of modern Italy. Examines case studies where violence has given rise to intense controversy over historical memory. Through close examination of materials in different media and class discussion students learn to examine sources critically and gain an in-depth understanding of some fundamental themes and controversies in contemporary Italy.

**Narrating the Mediterranean**

ITAL-UA 307  *Offered every other year.* Lakhous. 4 points.

Aims to teach students how (post)colonialism, immigration, and conflict have influenced past and current socio-political contexts of the Mediterranean. Through class discussions and critical writing assignments, students examine the relationship between Mediterranean history/politics and its unique forms of artistic production and narration that have emerged in recent years.

**Sounds of Italy, 1910-1970**

ITAL-UA 310  *Offered every two years.* Cipani. 4 points.

Acquaints students with a variety of sound artifacts and sound-related texts, grouped around topics significant for Italy’s auditory culture between World War I and the 1970s. Examines sound in a range of manifestations and contexts, such as propaganda, magic-religious rituals, oral poetry, folklore, commercial sound design, and soundtracks. Topics include: relationship between music and other arts; development of Italian media; Fascist sound politics; and survival of (largely non-textual) oral-aural art forms.

**Court Culture in Renaissance Italy**

ITAL UA 311  *Offered every two to three years.* Cox. 4 points.

Studies Italian Renaissance culture within its social and political contexts, focusing especially on the princely courts of northern/central Italy, which were among the most dynamic and innovative cultural centers in Europe. Particular courtly contexts include the Este and Gonzaga courts in Ferrara and Mantua and the Medici court in Florence. In addition to literature, painting, and sculpture, examines the material culture of the courts, ritual, and cultural-social practices such as dance, equitation, feasting, and dress.

**Authoritarianism from Mussolini to the Present**

ITAL-UA 370  4 points.

This course will examine authoritarianism from the Fascist and early Communist years up to the present. Leaders include Mussolini, Hitler, Franco, Stalin, Mobutu, Pinochet, Gaddafi, Mao, Putin, Orban, Erdogan, and more.

**From Polenta to Marinara: History of Italian Food**

ITAL-UA 400  *Identical to FOOD-UE 1052. Offered every one to two years.* Scarcella-Perino. 2 points.

Begins with ancient Rome and ends in the modern era. Introduces students to the regional varieties of Italian food and the role of this topic in the arts, film, and television.

**La bella figura: Self and National Identity in Italian Fashion**

ITAL-UA 401  *Offered every one to two years.* Bresciani. 2 points.

Italian identity, culture, and economy remain deeply connected to fashion as both an institution and industry. Examines how fashion played a key role in the construction of national style and courtly life from the Middle Ages and Renaissance to the twentieth-century design houses, which not only reshaped commercial and aesthetic trends, but also solidified Italy’s association with post-war design culture more broadly.

**Topics in Italian Music, Art, and Performance**

ITAL-UA 700  *Offered periodically.* 4 points.

Explores specific topics related to Italian art, theatre, and music through socio-logical, cultural, economic, and political lenses. Themes, which vary from semester to semester, can include opera, politics, societal class, art history, and music from a wide variety of periods.

**Topics in Italian American Culture**

ITAL-UA 861  *Offered every two years.* 4 points.

Topics vary.
Internship

**Internship**

ITAL-UA 980, 981  Prerequisite: permission of the department. Does not count toward the major or minor. Offered every semester. 2 or 4 points per term.

Working closely with a sponsor and a faculty adviser, students may intern in such diverse areas as international trade, banking, publishing, community organizations, and television and radio programs. Interested students must apply to the department ahead of time.

Independent Study

**Independent Study**

ITAL-UA 997, 998  Prerequisite: permission of the department. Offered every semester. 2 or 4 points per term.

Students must review requirements and instructions for application on the department’s website.

Honors Courses

**Honors Independent Study**

ITAL-UA 990  Prerequisite: Senior Honors Seminar (ITAL-UA 999). Offered every spring. 2 or 4 points per term.

Open to students who have been accepted into the honors program in Italian studies and are writing the honors thesis in close consultation with their thesis adviser.

**Senior Honors Seminar**

ITAL-UA 999  Prerequisite: permission of the department. Offered every fall. 4 points.

Variable content. Prepares students for the senior honors thesis. Primary focus on research and the application of critical methodologies. Open to students who have been accepted to the honors program in Italian studies.

Graduate Courses Open to Undergraduates

Qualified undergraduates may register for graduate courses in Italian with the permission of the director of graduate studies. A list of appropriate graduate courses is available in the department each semester.
At NYU, we believe that journalism has a critical public mission and can make a difference in a free and democratic society. Opportunities abound in the media world, but the opportunity to do compelling work that informs, engages, and matters is what drives our faculty, motivates our students, and shapes our basic approach.

Our coursework focuses on the basic skills of reporting, research, writing, and multimedia storytelling. Simultaneously students tackle ethics, learn journalism history, and consider what journalism can and should accomplish when informing the public. New York City is our laboratory, and students move seamlessly from the classroom into the city on assignments that take them all over town.

Given our place within the Arts and Science core of a leading university, the institute sees journalism as an essential strand in the liberal arts tradition. But we also recognize that news is a business. When our graduates enter that business, they are prepared to improve and enliven it. And even if they do not pursue careers in journalism, the training our students receive—the ability to read closely, engage in deep research, think critically, and write effectively—are essential for success in any career.

PROGRAM

Major in Journalism: General Information

The institute offers two concentrations in the major, one in journalism and one in media criticism. The concentration in media criticism is open only to students who declared it on or before May 19, 2020 (the end of the spring 2020 term).

The major consists of eight 4-point courses for a total of 32 points. Students are also required...
to complete a second major in the College of Arts and Science. Thus, all journalism majors are double majors. Students pursuing the honors program take one additional journalism course, completing nine 4-point courses for a total of 36 points.

Students may choose to take up to 36 points in journalism (but no more); the only exception is for honors majors, who may take up to 40 points (but no more).

**Journalism Concentration**

The journalism concentration is designed to provide students with general training in written and multimedia forms of journalism, as well as more in-depth training in a “track” or specialization of their choice, either print/online journalism or broadcast journalism. Details about these tracks appear below.

All majors following this concentration are required to take the following five core courses:

- Investigating Journalism: Ethics and Practice (JOUR-UA 50)
- Journalistic Inquiry: The Written Word (JOUR-UA 101)
- Journalistic Inquiry: Multimedia (JOUR-UA 102)
- The Beat (JOUR-UA 201)
- Advanced Reporting (JOUR-UA 301), or the honors sequence of Advanced Reporting (JOUR-UA 351) and the Senior Seminar (JOUR-UA 352)

Although students are generally encouraged to complete the core courses in sequence, some courses can be completed out of sequence and/or concurrently. Students may consult the undergraduate studies section of the journalism website for details about course prerequisites and sequencing.

**Tracks:** Before completing the last two core courses in the major (The Beat and Advanced Reporting), journalism majors specialize by pursuing one of two tracks:

- The print/online track is designed for students who wish to focus on writing and reporting for print and online media.
- The broadcast track is for students who wish to focus on reporting and video production for broadcast media.

While students are not required to formally declare their track (and it will not be specified in Albert or on their diploma or transcript), they will need to choose which track they want to pursue before taking The Beat and Advanced Reporting and must commit to that track. Students cannot “mix-and-match” Beat and Advanced reporting sections from different tracks (i.e. they cannot take a broadcast section of Advanced Reporting after taking a print/online section of The Beat).

In addition to the five required core courses outlined above, students also take three electives, chosen from the following:

- Methods and Practice (JOUR-UA 202)
- Methods and Practice: Visual Reporting (JOUR-UA 203)
- Elective Reporting Topics (JOUR-UA 204)
- Production and Publication (JOUR-UA 302)
- Seminar (JOUR-UA 401)
- Journalism Ethics and First Amendment Law (JOUR-UA 502)
- Journalism and Society (JOUR-UA 503)
- Journalism as Literature (JOUR-UA 504)
- Issues and Ideas (JOUR-UA 505)
- Independent Study (JOUR-UA 997)
Certain electives from other departments and programs can, with permission, be approved as electives for the journalism concentration. Because the institute puts a high value on numeric literacy, double majors in economics, politics, psychology, and sociology may count any of the following quantitative courses toward their three required electives:

- Economics: Statistics (ECON-UA 18)
- Politics: Quantitative Methods in Political Science (POL-UA 800) or Introduction to Research Methods for Politics (POL-UA 850)
- Psychology: Statistics for the Behavioral Sciences (PSYCH-UA 10)
- Sociology: Statistics for Social Research (SOC-UA 302)

**Media Criticism Concentration**

The concentration in media criticism is open only to students who declared it on or before May 19, 2020 (the end of the spring 2020 term).

Students in the media criticism concentration must complete six required courses (two lecture courses and four skills courses), one seminar, and one elective from a specified list of journalism offerings. All majors following this concentration must take these two required lectures:

- Investigating Journalism: Ethics and Practice (JOUR-UA 50)
- Media Past and Future (JOUR-UA 610), or an approved substitute course

Plus four required skills courses:

- Journalistic Inquiry: The Written Word (JOUR-UA 101)
- Journalistic Inquiry: Multimedia (JOUR-UA 102)
- The Beat (JOUR-UA 201)
- Advanced Reporting (JOUR-UA 301)

Plus two additional courses:

- One seminar, which may be selected from any journalism seminar or may be Journalism Ethics and First Amendment Law (JOUR-UA 502)
- One elective course from a specified list of journalism offerings

**Policies Applying to Both Concentrations**

Completion of either journalism major concentration exempts students from the College Core Curriculum’s requirement in Societies and the Social Sciences.

The prerequisite for both Investigating Journalism: Ethics and Practice (JOUR-UA 50) and Journalistic Inquiry: The Written Word (JOUR-UA 101) is completion of the College’s expository writing requirement. Please see course descriptions for more detail on prerequisites and sequencing.

Students must achieve a grade of C (not C-) or better in all journalism courses to meet prerequisite requirements and count them toward the major. (Pass/Fail grades do not count.) Students earning grades lower than C must either repeat the course, or take an equivalent course if permitted.

All majors must complete a capstone piece in the required skills course Advanced Reporting, which allows for assessment of their progress at the conclusion of the major.

**Policy on 2-Point Courses**

Journalism majors may take two (and no more than two) 2-point JOUR-UA courses in lieu of one 4-point course toward the elective requirement for the major (which is the completion of three electives/12 points in total). Petitions to substitute 2-point courses from outside the journalism
department will not be considered. Journalism minors must fulfill their elective requirement by completing 4-point electives.

**Minor in Print and Online Journalism**

This minor consists of five 4-point courses (20 points) completed with a C or better (Pass/Fail grades do not count):

- Journalistic Inquiry: The Written Word (JOUR-UA 101)
- The Beat (dedicated print/online section only; JOUR-UA 201)
- Three 4-point JOUR-UA electives

**Minor in Broadcast and Multimedia Journalism**

This minor consists of five 4-point courses (20 points) completed with a C or better (Pass/Fail grades do not count):

- Journalistic Inquiry: The Written Word (JOUR-UA 101)
- Journalistic Inquiry: Multimedia (JOUR-UA 102)
- The Beat (dedicated broadcast section only; JOUR-UA 201)
- Two 4-point JOUR-UA electives

**Policies Applying to Both Minors**

A completed major in journalism exempts students from the College Core Curriculum’s Societies and the Social Sciences requirement, but completion of either minor does not serve as an exemption from this Core requirement.

**Honors Program**

Juniors and seniors who have maintained a 3.65 overall GPA and a 3.65 GPA in the journalism major are eligible for the two-course, 8-point honors program. Students take a special honors section of Advanced Reporting (JOUR-UA 351) followed by the Honors Senior Seminar (JOUR-UA 352) to complete a two-semester capstone project. Students enrolled in honors may take a maximum of 40 credits in journalism.

**COURSES**

**Journalism Concentration: Required Lecture Course**

**Investigating Journalism: Ethics and Practice**

JOUR-UA 50 Formerly Foundations of Journalism (JOUR-UA 501). Prerequisite: completion of the College’s expository writing requirement. Introductory lecture course required for the journalism major. Counts as an elective for both journalism minors. Offered every semester. 4 points.

An introduction to issues in journalistic writing and reporting, such as the choices journalists face in method, style, and form; the political impact of the news media; questions of sensationalism, bias, and diversity, and the current digital upheaval. Students are also introduced to a selection of outstanding journalism.

**Journalism Concentration: Required Skills Courses**

**Journalistic Inquiry: The Written Word**

JOUR-UA 101 Prerequisite: completion of the College’s expository writing requirement. Introductory skills course required for the journalism major and both journalism minors. Offered every semester. 4 points.

Reporting- and writing-based. Emphasizes in-depth research techniques and exposure to many journalistic forms, including news writing, magazine and feature article writing, reported essays, and commentary for both print and online, and what distinguishes one form from the other. Issues of ethical conduct, bias, and fairness.
Journalistic Inquiry: Multimedia
JOUR-UA 102 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101). Introductory multimedia skills course required for the journalism major and the minor in broadcast and multimedia journalism. Counts as an elective for the minor in print and online journalism. Offered every semester. 4 points.

How to report news and feature stories using photographs, video, and audio, with an emphasis on story-telling techniques. Development of ideas, reporting techniques using audio and video (including how they differ from written pieces), scripting, audio and visual digital editing, and structuring of broadcast story-telling.

The Beat
JOUR-UA 201 Prerequisite for print/online sections: Journalistic Inquiry: The Written Word (JOUR-UA 101); prerequisites for broadcast sections: both Journalistic Inquiry: The Written Word (JOUR-UA 101) and Journalistic Inquiry: Multimedia (JOUR-UA 102). Intermediate skills course required for the journalism major and both journalism minors. Offered every semester. 4 points.

Hones the student journalist’s ability to research and report deeply and imagine and develop fresh ideas. Reporting, research, and writing. Different sections are offered for students pursuing the print/online track of the journalism major and the minor in print and online journalism as well as the broadcast track of the journalism major and the minor in broadcast and multimedia journalism.

Advanced Reporting
JOUR-UA 301 Prerequisite: The Beat (JOUR-UA 201). Advanced skills course required for the journalism major. Counts as an elective for both journalism minors. Offered every semester. 4 points.

The undergraduate journalism capstone. Emphasis on producing publishable reporting in print, online, or broadcast form with sophisticated story structures. Different sections are offered for students pursuing the print/online track of the journalism major and the minor in print and online journalism as well as the broadcast track of the journalism major and the minor in broadcast and multimedia journalism.

Journalism Concentration: Electives

Methods and Practice
JOUR-UA 202 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

Deeper experimentation with journalistic skills, from podcasting to blogging, both print and broadcast. Offerings include: Point of View; Audio Storytelling; and Writing for Reporters.

Methods and Practice: Visual Reporting
JOUR-UA 203 Prerequisite: None. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

Offerings include Photojournalism and Opinion and Advocacy Video.

Elective Reporting Topics
JOUR-UA 204 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

“Back-of-the-book” reporting topics. Offerings include: Reporting Racial Justice; Profiles and Biography; Coding for Journalists; and News Analysis.

Production and Publication
JOUR-UA 302 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Counts as an elective for the journalism major and both journalism minors. Offered every fall. 4 points.

Creating finished products, both print and broadcast. Offerings include: TV Newscast; Travel Writing; and Multimedia Storytelling.

Seminar
JOUR-UA 401 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Counts as an elective for the journalism major and both journalism minors. Offered every other year. 4 points.

Topics vary. Past offerings include: Ethnography for Journalists and The Art of Opinion Writing and Polemic.

Journalism Ethics and First Amendment Law
JOUR-UA 502 No prerequisites unless indicated. Counts as an elective for the journalism major and both journalism minors. Offered every spring. 4 points.

Considers the various ethical and legal issues surrounding the field of journalism and instills a clear sense of the role of the journalist in society and the issues that affect that mission today.

Journalism and Society
JOUR-UA 503 Prerequisite: None. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

Offerings include: Women and the Media; Minorities in the Media; Covering the Earth; and The Search for a Nation: From Obama to Trump.

Journalism as Literature
JOUR-UA 504 Prerequisite: None unless indicated. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

Offerings include: History and the Novel; Storied New York; Journalism and the American Road; and Writing the City.
Issues and Ideas

JOUR-UA 505 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Counts as an elective for the journalism major and both journalism minors. Offered every semester. 4 points.

New controversies and ideas. Offerings include: Covering the Middle East; Covering Sub-Saharan Africa; and Writing the Body.

Journalism Concentration: Honors Courses

Honors is a two-course research, reporting, and writing or video sequence for juniors or seniors.

Students choose and develop a thesis subject in the fall (JOUR-UA 351) and complete the project in the spring (JOUR-UA 352).

Honors: Advanced Reporting

JOUR-UA 351 Prerequisite: The Beat (JOUR-UA 201). Open to juniors and seniors with a 3.65 overall GPA and a 3.65 GPA in the journalism major. Offered in the fall. 4 points.

Requires deeper reporting and more polished writing or video work than non-honors sections. Student build a portfolio of two or three high-quality pieces (1,200 to 1,500 words, or videos of two to three minutes) and do significant preliminary reporting and research necessary for completion of the capstone project.

Honors: Senior Seminar

JOUR-UA 352 Prerequisite: Honors: Advanced Reporting (JOUR-UA 351). Offered in the spring. 4 points.

Students complete a capstone project, which consists of a large feature (6,000 to 8,000 words, or a 15- to 20-minute multimedia or broadcast piece). Requires defense before at least two members of the full-time faculty and possibly a member of the profession.

Media Criticism Concentration: Required Lecture Courses

The concentration in media criticism is open only to students who declared it on or before May 19, 2020 (the end of the spring 2020 term).

Investigating Journalism: Ethics and Practice

JOUR-UA 50 Formerly Foundations of Journalism (JOUR-UA 501). Prerequisite: completion of the College’s expository writing requirement. Offered every semester. 4 points.

See description above.

Media Past and Future

JOUR-UA 610 Students may substitute an appropriate course with advice and permission of the institute. 4 points.

Examines previous communication revolutions: spoken language, images, writing, printing, photography, film, radio, and television. How were they initially used or misused? What were their effects upon social patterns, politics, and thought? How did innovations occur? What can that tell us about the potential of today’s digital communication revolution? Students undertake innovative experiments of their own in forms of new media.

Media Criticism Concentration: Required Skills Courses

The concentration in media criticism is open only to students who declared it on or before May 19, 2020 (the end of the spring 2020 term).

Journalistic Inquiry: The Written Word

JOUR-UA 101 Prerequisite: completion of the College’s expository writing requirement. Offered every semester. 4 points.

See description above.

Journalistic Inquiry: Multimedia

JOUR-UA 102 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101). Offered every semester. 4 points.

See description above.

The Beat

JOUR-UA 201 Prerequisite for print/online sections: Journalistic Inquiry: The Written Word (JOUR-UA 101); prerequisites for broadcast sections: both Journalistic Inquiry: The Written Word (JOUR-UA 101) and Journalistic Inquiry: Multimedia (JOUR-UA 102). Intermediate skills course required for the journalism major and both journalism minors. Offered every semester. 4 points.

See description above.

Advanced Reporting

JOUR-UA 301 Prerequisite: The Beat (JOUR-UA 201). Offered every semester. 4 points.

See description above.

Media Criticism Concentration: Seminars

The concentration in media criticism is open only to students who declared it on or before May 19, 2020 (the end of the spring 2020 term).

Students in the media criticism concentration must choose one seminar from the following:

Seminar

JOUR-UA 401 Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Offered every semester. 4 points.

See description above.

Journalism Ethics and First Amendment Law

JOUR-UA 502 Offered every spring. 4 points.

See description above.
Journalism and Society
JOUR-UA 503  Prerequisite: none.
Offered every semester. 4 points.
See description above.

Issues and Ideas
JOUR-UA 505  Prerequisite: Journalistic Inquiry: The Written Word (JOUR-UA 101), or permission of the instructor. Offered every semester. 4 points.
See description above.

Internship and Independent Study

Internship
JOUR-UA 980  Restricted to declared majors. Offered every semester. 1 to 4 points.
An opportunity to work 10 to 16 hours a week with cooperating metropolitan New York publications and broadcast stations. Work is edited and evaluated by staff supervisors of the participating media, as well as by the institute. Students may take more than once, but are limited to a total of 4 points in JOUR-UA internships. As a Pass/Fail course, does not count toward the journalism major.

Advanced Individual Study
JOUR-UA 997  Offered every semester.
1 to 4 points.
Students who, in the opinion of the department, possess intellectual independence and ability are permitted to carry on individual work in a field of study selected in conference with members of the faculty. To register, a student must have the written approval of the director of undergraduate studies.
# MAJOR/MINOR IN

## Latin American and Caribbean Studies

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**Director of Undergraduate Studies,**
Department of Spanish and Portuguese Languages and Literatures

*Associate Professor Torres-Rodríguez*

**Associate Director of Undergraduate Studies,**
Department of Spanish and Portuguese Languages and Literatures

*Clinical Professor Dávila*

**Director, Center for Latin American and Caribbean Studies**

*Associate Professor Robbins*

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## OVERVIEW

The major and minor in Latin American and Caribbean studies allow students to design an interdisciplinary course of study around their interest in the region, drawing on a range of fields including politics, history, literature, anthropology, social and cultural analysis, art history, and more. The College of Arts and Science boasts a distinguished, dynamic faculty in Latin American and Caribbean studies, with leading scholars of the Caribbean, Central America, the Andes, and Latinx studies. The program encourages students to study away at NYU Buenos Aires, where a range of courses has been developed for majors and minors, and equally encourages them to experience New York City as an eminently Latinx metropolis. NYU also boasts rare and innovative programs in the study of Haitian Kreyol and of Quechua. Students benefit from the ample programming and resources of NYU’s Center for Latin American and Caribbean Studies (CLACS, as.nyu.edu/clacs) and the vast resources related to the region in the city. The undergraduate major and minor are offered jointly by the Department of Spanish and Portuguese Languages and Literatures and the Center for Latin American and Caribbean Studies. They are administered by the Department of Spanish and Portuguese Languages and Literatures.

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## FACULTY

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## PROGRAM

### Major

This interdisciplinary major requires nine courses (36 points) completed with a grade of C or better. It allows students to design a course of study drawing on the offerings of the Center for Latin American and Caribbean Studies and the Department of Spanish and Portuguese, as well as courses in other departments and programs across the University, including anthropology, art history, cinema studies, comparative literature, economics, history, performance studies, politics, sociology, and more. Individual programs of study are planned with and approved by the director...
of undergraduate studies.

The required courses are as follows:

• The Iberian Atlantic (SPAN-UA 201, formerly 300)

• One introductory course on Latin America or the Caribbean chosen from:
  - Cultural History of Latin America (SPAN-UA 205, formerly 305)
  - Cultural History of the Luso-Brazilian world (PORT-UA 215)
  - Cultures and Contexts: the Caribbean (CORE-UA 509)
  - Cultures and Contexts: Latin America (CORE-UA 515)

• Seven electives pertinent to the study of Latin America and the Caribbean, chosen in consultation with the director of undergraduate studies.

In addition, students are required to demonstrate proficiency in two languages, chosen from:

Spanish through the level of Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly 111); Portuguese through the intensive elementary level; and indigenous and diasporic languages (including Quechua, Haitian Kreyol, Nahuatl, and/or Mixtec) through the full elementary level. These language courses (and any more advanced language electives) cannot be applied toward the nine courses required for this major.

**Minor**

This interdisciplinary minor requires five courses (20 points) completed with a grade of C or better. It offers students the opportunity to incorporate an interest in Latin America and the Caribbean into their overall course of study. Courses are drawn from the Department of Spanish and Portuguese and/or other departments across the university.

The required courses are as follows:

• One introductory course on Latin America or the Caribbean chosen from:
  - Cultural History of Latin America (SPAN-UA 205; formerly SPAN-UA 305)
  - Cultures and Contexts: the Caribbean (CORE-UA 509)
  - Cultures and Contexts: Latin America (CORE-UA 515)

• Four additional courses, chosen in consultation with the director of undergraduate studies.

In addition, students are required to demonstrate proficiency in one language, chosen from:

Spanish through the level of Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111); Portuguese through the intensive elementary level; and indigenous and diasporic languages (including Quechua, Haitian Kreyol, Nahuatl, and/or Mixtec) through the full elementary level. These language courses (and any more advanced language electives) cannot be applied toward the five courses required for this minor.

**COURSES**

Center for Latin American and Caribbean Studies (CLACS)

For graduate courses open to undergraduates, consult the CLACS website at [as.nyu.edu/clacs](http://as.nyu.edu/clacs).

**Elementary Quechua I**

LATC-UA 101  Identical to SPAN-UA 81.
No prerequisite. 4 points.
Elementary Quechua II
LATC-UA 102Identical to SPAN-UA 82. Prerequisite: Elementary Quechua I (LATC-UA 101) or permission of the instructor. 4 points.

Intermediate Quechua I
LATC-UA 103Identical to SPAN-UA 83. Prerequisite: Elementary Quechua II (LATC-UA 102) or permission of the instructor. 4 points.

Intermediate Quechua II
LATC-UA 104Identical to SPAN-UA 84. Prerequisite: Intermediate Quechua I (LATC-UA 103) or permission of the instructor. 4 points.

Elementary Haitian Kreyòl I
LATC-UA 121Offered every year. 4 points. Also called Creole, this language is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Develops introductory speaking, reading, and writing skills. Incorporates film, radio, and music, as well as visits to New York museums and institutions related to Haiti.

Elementary Haitian Kreyòl II
LATC-UA 122Prerequisite: Elementary Haitian Kreyòl I (LATC-UA 121) or permission of instructor. Offered every year. 4 points. Further develops speaking, reading, and writing skills. Students will be able to conduct a conversation in Haitian Kreyol and gain a better command of Haitian vocabulary and grammar within the relevant cultural context.

Topics in Latin American Studies
LATC-UA 600Prerequisite(s) may vary by topic. May be repeated once (taken for credit twice) as content changes. 2-4 points. Topic varies by semester.

Topics in Caribbean Studies
LATC-UA 651 4 points. Offers in-depth focus on an aspect of social, cultural, political, or artistic life in the Caribbean and its diasporas, emphasizing multilingual, interdisciplinary, and comparative approaches. Topics vary and may include: Political Imaginaries of the Caribbean; Culture and Politics in the Caribbean; Caribbean Religions.

Spanish and Portuguese Languages and Literatures
For descriptions, consult the Spanish and Portuguese section of this Bulletin.

Topics: Brazil
PORT-UA 300Formerly Topics in Brazil Studies (PORT-UA 700). Prerequisite when taught in Portuguese: Advanced Portuguese (PORT-UA 50); no prerequisite when taught in English. Offered periodically. Andermann, Giorgi, Robbins. 4 points.

The Short Story in Brazil
PORT-UA 301Formerly The Brazilian Short Story (PORT-UA 830). Prerequisite: Intermediate Portuguese I (PORT-UA 50). Offered periodically. Robbins, Peixoto. 4 points.

Advanced Topics: Brazil
(PORT in Portuguese)
PORT-UA 400Formerly Topics in Brazil Studies (PORT-UA 850). Prerequisite: Intermediate Portuguese II (PORT-UA 4). Offered every year. 4 points.

Advanced Topics: Brazil
(PORT in English)
PORT-UA 401Formerly Topics in Brazil Studies (PORT-UA 851). No prerequisite. Offered every year. 4 points.

Brazilian Poetry and Song
PORT-UA 402Formerly PORT-UA 840. Prerequisite when taught in Portuguese: any

PORT-UA 300-level course; no prerequisite when taught in English. Offered periodically. Peixoto, Robbins. 4 points.

On Eating Others: Cannibalism and Anthropophagy in the Circum-Atlantic World
PORT-UA 403Formerly PORT-UA 600. Prerequisite when taught in Portuguese: any PORT-UA 300-level course; no prerequisite when taught in English. Offered periodically. Robbins. 4 points.

New Documentary in Brazil
PORT-UA 404Formerly The New Brazilian Documentary (PORT-UA 706). Prerequisite when taught in Portuguese: any PORT-UA 300-level course; no prerequisite when taught in English. Offered every other year. Andermann, Peixoto. 4 points.

Narrating Poverty in Brazil
PORT-UA 405Formerly Narrating Poverty in Brazilian Literature and Film (PORT-UA 704). Prerequisite when taught in Portuguese: completion of any PORT-UA 300-level course; no prerequisite when taught in English. Offered every other year. Robbins. 4 points.

The Iberian Atlantic
SPAN-UA 201Formerly SPAN-UA 300. Prerequisite when taught in Spanish: one SPAN-UA 300-level course; no prerequisite when taught in English. Usually offered once a year in alternation with PORT-UA 215, SPAN-UA 205, and SPAN-UA 260. 4 points.

Cultural History of Latin America
SPAN-UA 205Formerly SPAN-UA 305. Prerequisite when taught in Spanish: one SPAN-UA 300-level course; no prerequisite when taught in English. Usually offered once a year in alternation with PORT-UA 215, SPAN-UA 201, and SPAN-UA 260. 4 points.
Verlo. Leerlo. Fotografía y discurso en Latinoamérica
SPAN-UA 303  Formerly See It, Read It: Photography and Discourse in Latin America (SPAN-UA 440). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111). Offered every other year. Dávila. 4 points.

Armas Secretas: Leer a Julio Cortázar Hoy
SPAN-UA 304  Formerly Secret Weapons: Reading Julio Cortázar Today (SPAN-UA 441). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111). Offered every other year. Dávila. 4 points.

Topics in Latin American Literature and Culture
SPAN-UA 330  Formerly SPAN-UA 550. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111). Offered every year. Dávila. 4 points.

Is Spanish One Language?
SPAN-UA 362  Formerly SPAN-UA 355. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111). Offered every year. Pearce. 4 points.

Advanced Topics in Latin American Literature and Culture (in Spanish)
SPAN-UA 400  Prerequisite: completion of any SPAN-UA 300-level course. 4 points.

Advanced Topics in Latin American Literature and Culture (in English)
SPAN-UA 401  Formerly SPAN-UA 551. 4 points.

Latin American Theatre
SPAN-UA 406  Formerly SPAN-UA 460. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered every other year. Lane, Taylor. 4 points.

Queer Cultures and Democracy
SPAN-UA 410  Formerly SPAN-UA 480. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Giorgi. 4 points.

Topics in Latin American Fiction
SPAN-UA 553  Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Marguch. 4 points.

Women's Writing in Latin America
SPAN-UA 640  Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Torres. 4 points.

Contemporary Latin American Novel
SPAN-UA 743  Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Fiol-Matta. 4 points.

Other Departments and Programs (College of Arts and Science)

The following are frequently offered courses; consult the relevant department sections in this Bulletin for course descriptions and prerequisites. Students should also consult departmental websites each semester for updated information.

AFRICANA STUDIES
Afro-Latino Culture and History
SCA-UA 565  4 points.

ANTHROPOLOGY
Race and Caste
ANTH-UA 323  Identical to LATC-UA 211. Formerly Race, “Difference,” and Social Inequality. Khan. 4 points.

Popular Culture in Latin America
ANTH-UA 603  Maldonado-Salcedo. 4 points.

COLLEGE CORE CURRICULUM
Cultures and Contexts: The Caribbean
CORE-UA 509  4 points.

Cultures and Contexts: Latin America and the Caribbean
CORE-UA 515  4 points.

Cultures and Contexts: Contemporary Latino Cultures
CORE-UA 529  4 points.

Cultures and Contexts: The Black Atlantic
CORE-UA 534  4 points.

Cultures and Contexts: New World Encounters
CORE-UA 541  4 points.

Cultures and Contexts: Brazil
CORE-UA 555  4 points.

COMPARATIVE LITERATURE
Latin American Body Genres
COLIT-UA 302  Identical to LATC-UA 241. 4 points.

Topics in Latin American Literature
COLIT-UA 551  4 points.
**DRAMATIC LITERATURE**  
**Theatre of Latin America**  
DRLIT-UA 293  Identical to THEA-UT 748.  
4 points.

**FRENCH**  
**Approaches to Francophone Literature**  
FREN-UA 145  Prerequisite: Written Contemporary French (FREN-UA 105) or permission of the director of undergraduate studies. 4 points.

**HISTORY**  
**Pirates and Buccaneers: Seaborne Terrorism in the Early Modern World**  
HIST-UA 369  Identical to IRISH-UA 369. 4 points.

**History of Colonial Latin America**  
HIST-UA 743  4 points.

**Topics in Latin American History**  
HIST-UA 744  4 points.

**Contemporary Latin America**  
HIST-UA 745  4 points.

**History of the Andes**  
HIST-UA 753  4 points.

**Cuba: History and Revolution**  
HIST-UA 755  4 points.

**LATINO STUDIES**  
**Approaches to Latinx Studies**  
SCA-UA 501  Davila. 4 points.

**Latinx Art and Visual Culture**  
SCA-UA 533  Davila. 4 points.

**Latino/a Popular Culture**  
SCA-UA 534  Saldaña. 4 points.

**Topics in Latino Studies**  
SCA-UA 541  4 points.

**Latina Feminist Studies**  
SCA-UA 548  Identical to LATC-UA 341. 4 points.

**IMMIGRATION**  
SCA-UA 797  Jasso. 4 points.

**Latina/o Literature**  
SCA-UA 815  Trujillo. 4 points.

**LINGUISTICS**  
**Indigenous Languages of the Americas**  
LING-UA 9  No prerequisites. Gallagher. 4 points.

**Language in Latin America**  
LING-UA 30  Guy. 4 points.

**POLITICS**  
**Politics of Latin America**  
POL-UA 530  Prerequisite: Comparative Politics (POL-UA 500). 4 points.
MAJOR/MINOR IN

Latino Studies

as.nyu.edu/latinostudies
20 Cooper Square, 4th Floor
New York, NY 10003-7112
212-992-9650

Chair of the Department of Social and Cultural Analysis
Professor Morgan

Director of Undergraduate Studies,
Department of Social and Cultural Analysis
Associate Professor Saranillio

OVERVIEW

Housed in the Department of Social and Cultural Analysis (SCA), Latino studies aims to produce knowledge about people of Latin American descent living in the United States and to integrate this knowledge into the country’s understanding of itself. Latino is a concept grounded in the United States, and Latino studies, in this respect, is clearly distinct from Latin American studies. The program examines such topics as the dynamics of race, class, nationality, generation, language, gender, and sexuality among different Latino subgroups; Pan-Latino/a visions; comparative interethnic dynamics, particularly relations among Latinos, African Americans, and Asian Americans; transnational linkages and communities, migratory circuits, and transcultural processes; and interactions between U.S. groups and “home” populations.

NYU’s Latino studies program has a distinctive profile that gives it intellectual weight. Its location in New York City makes possible a program built around synergy among the arts, social sciences, and humanities. It offers students training in both field-based and archival research, including opportunities abroad. And finally, it promotes the study of bilingualism, of the politics of language, and of cultural texts, and offers courses designed to develop bilingual research abilities. Existing resources in Spanish and Portuguese support this aim, and the city is a valuable laboratory for research on languages in contact.

FACULTY

Professors Emeriti
Pratt, Rosaldo

Professors
Dávila, Saldaña

Associate Professors
Beltrán, Dent, Ralph

PROGRAM

Major

The Latino studies major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses - may be taken in either order:
• Social and Cultural Analysis 101 (SCA-UA 101)
• Cultures and Contexts: Contemporary Latino Cultures (CORE-UA 529; offered every fall)

Six elective courses:
• Six designated Latino studies electives, of which four must be taught by SCA faculty.
• SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective.
One research course:
• Advanced Research Seminar (SCA-UA 90)

Minor
Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in Latino studies. Students must take Cultures and Contexts: Contemporary Latino Cultures (CORE-UA 529; offered every fall). They also take four designated Latino studies electives, of which two must be taught by SCA faculty.

Language and Linguistic Competency
The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. Latino studies therefore strongly encourages its students to develop advanced skills in Spanish, Portuguese, and/or any indigenous languages spoken in the Americas by any of the following means: taking elective courses in sociolinguistics; studying these languages beyond the minimum level required by the College of Arts and Science; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research abroad in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses
Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program
Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about honors can be found at as.nyu.edu/sca.

COURSES

Introductory Core

Social and Cultural Analysis 101  
SCA-UA 101  Offered every year. 4 points. 
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

Cultures and Contexts: Contemporary Latino Cultures  
CORE-UA 529  Offered every fall. 4 points. 
See description under College Core Curriculum in this Bulletin.
Research Core

Advanced Research Seminar
SCA-UA 90  Prerequisite: either Social and Cultural Analysis 101 (SCA-UA 101) or Cultures and Contexts: Contemporary Latino Cultures (CORE-UA 529). Offered every semester. 4 points.

Students write a 20-25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Courses

Senior Honors Seminar
SCA-UA 92  Prerequisites: 3.65 GPA or higher (both overall and in the major), Social and Cultural Analysis 101 (SCA-UA 101), Cultures and Contexts: Contemporary Latino Cultures (CORE-UA 529), and permission of the department. Offered every fall. 4 points.

Senior Honors Thesis
SCA-UA 93  Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program
SCA-UA 42  Requires ten hours a week of fieldwork. 4 points.

Elective Courses

Independent Study
SCA-UA 197, 198  Prerequisite: permission of the program director. Offered every semester. 1 to 4 points per term.

Approaches to Latinx Studies
SCA-UA 501  Identical to ANTH-UA 501. Dávila. 4 points.

Explores a set of principles that have guided Latino/a presence in the United States. They include urban/rural life, freedom/confine, memoir as source of voice/other sources of voice, generational separation and identity, and loss and healing. Traces developments over time from masculinist nationalism to the recognition of variations in gender, sexuality, race, class, region, and national origin.

 Latino/a Art and Performance in New York City
SCA-UA 532  4 points.

Topics: Latina/o music, the extensive history of Latina/o contributions to the artistic vitality of the Lower East Side, contemporary Latina/o art and the institutions that support it, and the city as a site for artistic possibility. Requires attendance at performances and visits to art galleries.

 Latino/a Art and Visual Culture
SCA-UA 533  4 points.

Examines the history of Latinx contributions to the artistic vitality of the United States and introduces students to some of the contemporary artists, debates, and institutions that support Latinx art in NYC and beyond. Pays special attention to the relationship between Latinx and Latin American art and consider linkages between museums, private and governmental art stakeholders, and communities.

 Latino/a Popular Culture
SCA-UA 534  4 points.

Interdisciplinary examination of contemporary popular culture products—music, film, graphic novels, performance—by and for Latinos, especially issues of production, circulation, and consumption. Is popular culture a site of Latino/a cultural expression? How and in what ways? How is it circulated and consumed, and how is it mediated by different culture industries?

The Latinized City, New York and Beyond
SCA-UA 540  4 points.

Topics: economic and political factors that fuel the immigration of Latin American peoples to U.S. cities, their incorporation into U.S. society and culture, the impact of global economic restructuring of U.S. cities on urban race/ethnic relations and cultural politics, the contestation of space and power in global cities, issues of immigration and citizenship, and the politics of languages.

Topics in Latino Studies
SCA-UA 541  Offered every semester. 4 points.

Topics vary and include race and racism, politics, migration and immigration, language, assimilation, education, labor, citizenship, social movements, and expressive culture.

Latino Politics in the U.S.
SCA-UA 542  4 points.

Historical analysis of Latino political incorporation and of Latino efforts to gain political power and influence. Topics: identity-based social movements, voting behavior, the politics of transna-
tionalism and globalization, and recent activism surrounding immigration.

**Latina Feminist Studies**
SCA-UA 548 4 points.
Contemporary cultural production by Latina feminist artists. Cultural objects as social and political texts. Topics: the borderlands as geographical and psychic boundary; the “mestiza” or “mulata” body as metaphor; assimilation experiences and familial relations; racism and education; revolution and political violence; the literature of exile; and the figure of the Malinche/La Llorona as race traitor or victim. Consideration of racial politics within post-nationalist movements for social justice.

**Afro-Latino Culture and History**
SCA-UA 565 4 points.

**Caribbean Women Writers**
SCA-UA 570 4 points.
How distinct colonial trajectories and independence movements shaped “modern” conceptions of female identity/sexuality, both in the region and in the U.S. diaspora. Feminist authors revisit and revise the trauma of colonialism and neocolonialism, the origin-stories of patriarchal nationalisms deployed by independence leaders, and the narrative of neoliberal development so often imposed by Western democracies.

**Postmodern Travel Fictions**
SCA-UA 572 4 points.
Post–World War II authors/filmmakers of the Americas. Topics: the legacy of colonialism; the concept of “freedom” embodied in travel writing and the ideology of conquest engraved in historical memory; the gendered dynamic of travel writing; literary representation (and perpetuation) of racialized myths about North and South America; and the symbolic meanings of locations and locales that protagonists, authors, and directors choose to visit.

**Related Courses**
The following courses count as faculty electives for Latino studies majors and minors. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**AFRICANA STUDIES**

**Language and Liberation: At Home in the Caribbean and Abroad**
SCA-UA 163 Identical to LING-UA 26. Offered every year. 4 points.

**AMERICAN STUDIES**

**Justice Lab**
SCA-UA 19 2 points.

**Work, Labor, and Power**
SCA-UA 221 4 points.

**Comparative U.S. Ethnic Studies**
SCA-UA 224 4 points.

**Intersections: Race, Gender, and Sexuality in U.S. History**
SCA-UA 230 4 points.

**Ethnicity and the Media**
SCA-UA 232 Identical to ANTH-UA 232. 4 points.

**The Criminal Justice State**
SCA-UA 235 4 points.

**Race and the American Right**
SCA-UA 236 4 points.

**Disability and Sexuality in American Culture**
SCA-UA 238 4 points.

**ASIAN/PACIFIC/AMERICAN STUDIES**

**The Constitution and People of Color**
SCA-UA 366 Identical to POL-UA 801 and LWSOC-UA 327. 4 points.

**Reading Race and Representation**
SCA-UA 368 4 points.

**METROPOLITAN STUDIES**

**Race and the Neoliberal Metropolis**
SCA-UA 614 4 points.

**Governing New York City**
SCA-UA 636 4 points.

**Cross-Listed Electives**
Majors and minors may take no more than two. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**ENGLISH**

**Latino Literature in the United States**
SCA-UA 815 Identical to ENGL-UA 755, SPAN-UA 755. 4 points.

**SOCIOLOGY**

**Race and Ethnicity**
SCA-UA 803 Identical to SOC-UA 135. 4 points.
SPANISH AND PORTUGUESE
LANGUAGES AND LITERATURES
On Eating Others: Cannibalism
and Anthropophagy in the
Circum-Atlantic World
SCA-UA 846  Identical to PORT-UA 403
(formerly PORT-UA 600). 4 points.

STEINHARDT SCHOOL OF
CULTURE, EDUCATION, AND
HUMAN DEVELOPMENT
American Dilemmas: Race,
Inequality, and the Unfulfilled
Promise of Education
SCA-UA 755  Identical to TCHL-UE 41.
4 points.
PROGRAM IN
Law and Society

as.nyu.edu/sociology
295 Lafayette Street, 4th Floor
New York, NY 10012
212-998-8340

Director
Professor Haney

OVERVIEW

Many of the liberal arts disciplines in the College of Arts and Science provide important perspectives on law and the legal profession. The law and society minor, administered by the Department of Sociology, offers undergraduates a meaningful concentration of these courses. The minor is designed to give students an interdisciplinary perspective on law as a social institution and on how law shapes, and is shaped by, a variety of political, religious, cultural, economic, and social forces.

The minor in law and society consists of five courses, which allows it to be substantial and broad. The requirement of a core course enhances its coherence. In addition, the minor gives capable and ambitious students opportunities to pursue advanced or specialized study. While prelaw students may well wish to take it, this minor is not aimed specifically at them.

Students wishing to declare this minor should speak with the academic administrator for the Department of Sociology, 295 Lafayette Street, Room 4168; 212-998-8340.

FACULTY

Professors
Anderson (Anthropology)
Benton (History)
Bruner (Psychology; Law)
Garland (Sociology; Law)
Gordon (History)
Greenberg (Sociology)
Haney (Sociology; Director, Law and Society)
Harrington (Politics)
Harvey (Politics)
Jost (Psychology)
Persico (Economics)
Schieffelin (Anthropology)

Associate Professors
Peachin (Classics)
Fahmy (Middle Eastern and Islamic Studies)

Fellow in Law and Society
Miner-Romanoff

PROGRAM

Minor

The minor in law and society consists of five 4-point courses (20 points) completed with a grade of C or better (courses graded Pass/Fail do not count). The requirements are as follows:

• One core course, chosen from:
  o Law and Society (LWSOC-UA 1, section 001), cross-listed with politics (POL-UA 335)
  o Law and Society (LWSOC-UA 1, section 002), cross-listed with sociology (SOC-UA 413)

• One course in Research Methods (SOC-UA 301), or another methods course (with approval of the law and society director)
• Three elective courses (see under course offerings for a list of approved electives). Students may petition the director to have other courses count toward the elective requirement.

Students majoring in sociology must take Research Methods (SOC-UA 301) for their major; they must therefore take a fourth elective for the law and society minor.

With special permission, exceptional students may be allowed, in their senior year and in consultation with the director, to substitute one of the following for one of the elective courses: (1) an independent study culminating in a research paper or project, (2) an apprenticeship with a faculty member doing relevant research (with permission of faculty), or (3) a relevant graduate course (with permission of faculty).

Courses applied to this minor cannot be double-counted toward a major or another minor.

### COURSES

#### Core Courses

**Law and Society**  
LWSOC-UA 1.001  Identical to POL-UA 335. Offered once a year, usually in the fall.  4 points.  
How law and a range of legal institutions embody and constitute political, cultural, economic, and social forces. Explores the relationship between law and the civil rights movement, the women's movement, and the labor and environmental movements. Emphasis on law as a political process and practice, legal remedies for racial and gender discrimination, and class-action torts. Deals with the politics of rights, social policy, and the limits and possibilities of law as a process for social change.

**Law and Society**  
LWSOC-UA 1.002  Identical to SOC-UA 413. Offered once a year, usually in the spring.  4 points.  
Sociological perspectives on law and legal institutions: the meaning and complexity of legal issues; the relation between law and social change; the effects of law; uses of law to overcome social disadvantage. Topics include: “limits of law,” legal disputes and the courts, regulation, comparative legal systems, legal education, organization of legal work, and lawyers’ careers.

**Research Methods**  
SOC-UA 301  Offered every semester.  4 points.  
Examines the several methodologies employed in sociological analysis. Some methods covered include survey design and analysis, unobtrusive measures, historical sociology, interviews, content analysis, and participant observation. Introduction to methods of quantitative data processing.

**Independent Study**  
LWSOC-UA 997, 998  Offered every semester.  4 points per term.

#### Elective Courses

Every semester the program compiles a list of elective courses that count toward the minor. These include, but are not limited to, the list below. Consult the Department of Sociology for details. See the relevant departmental sections in this Bulletin for course descriptions and prerequisites.

**ANTHROPOLOGY**  
**Culture, Power, Society**  
ANTH-UA 1  4 points.

**Human Rights and Anthropology**  
ANTH-UA 326  4 points.

**Language and Law**  
ANTH-UA 329  4 points.

**Gender, Violence, and Law**  
ANTH-UA 330  4 points.

**CLASSICS**  
The History of Ancient Law  
CLASS-UA 292  4 points.

**ECONOMICS**  
Economics of the Law  
ECON-UA 255  4 points.

**ENVIRONMENTAL STUDIES**  
Global Environmental Politics  
ENVST-UA 445  4 points.

**HEBREW AND JUDAIC STUDIES**  
Jewish Ethics  
HBRJD-UA 117  4 points.

**Jewish Law Confronts Modernity**  
HBRJD-UA 845  4 points.

**JOURNALISM**  
Journalism Ethics and First Amendment Law  
JOUR-UA 502  4 points.

**MIDDLE EASTERN AND ISLAMIC STUDIES**  
Islam and Politics  
MEIS-UA 674  4 points.
<table>
<thead>
<tr>
<th>Department</th>
<th>Course Title</th>
<th>Code</th>
<th>Points</th>
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<tbody>
<tr>
<td>MEIS</td>
<td>Seminar on Islamic Law and Society</td>
<td>MEIS-UA 780</td>
<td>4 points.</td>
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<tr>
<td>Women and Islamic Law</td>
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<td>MEIS-UA 783</td>
<td>4 points.</td>
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<td>PHIL</td>
<td>Philosophy of Law</td>
<td>PHIL-UA 52</td>
<td>4 points.</td>
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<td>POLS</td>
<td>The American Constitution</td>
<td>POL-UA 330</td>
<td>4 points.</td>
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<td>Civil Liberties</td>
<td>POL-UA 332</td>
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<td></td>
<td>American Law and Legal System</td>
<td>POL-UA 334</td>
<td>4 points.</td>
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<td>Gender in Law</td>
<td>POL-UA 336</td>
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<td>The Politics of Administrative Law</td>
<td>POL-UA 354</td>
<td>4 points.</td>
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<td>RELST</td>
<td>Seminar on Religion and Law</td>
<td>RELST-UA 15</td>
<td>4 points.</td>
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<td>SOCIO</td>
<td>Sociology of Law</td>
<td>LWSOC-UA 417</td>
<td>Identical to SOC-UA 417. 4 points.</td>
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<td></td>
<td>Deviance and Social Control</td>
<td>LWSOC-UA 502</td>
<td>Identical to SOC-UA 502. 4 points.</td>
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<td>Criminology</td>
<td>LWSOC-UA 503</td>
<td>Identical to SOC-UA 503. 4 points.</td>
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<td>The Sociology of Punishment</td>
<td>SOC-UA 935</td>
<td>4 points.</td>
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</table>
Linguistics is the science of human language. It seeks to determine that which is necessary in 
human language, that which is possible, and that which is impossible. While linguists work to 
determine the unique qualities of individual languages, they are constantly searching for linguistic 
universals—properties whose explanatory power reaches across languages. The discipline of 
linguistics is organized around syntax (the principles by which sentences are organized), morphol-
ogy (the principles by which words are constructed), semantics (the study of meaning), phonetics 
(the study of speech sounds), phonology (the sound patterns of language), historical linguistics 
(the ways in which languages change over time), sociolinguistics (the interaction of language with 
society), psycholinguistics, and neurolinguistics (the representation of language in the brain). 
Current research by faculty members extends across the field, including topics in the interaction 
of syntax and semantics, phonetics and phonology, languages in contact, pidgin and creole 
languages, urban sociolinguistics, and computer analogies of syntactic processes.
• Grammatical Analysis (LING-UA 13)
• One of the following: Language, Power, and Identity (LING-UA 8); Language Change (LING-UA 14); Language and Society (LING-UA 15); African American Vernacular English (LING-UA 23); Language in Latin America (LING-UA 30); or English Dialects (LING-UA 57)
• Three courses freely chosen from the offerings of the department (major electives).
  ○ With permission, students may choose from Introduction to Audiology (CSCD-UE 221), Anatomy and Physiology (CSCD-UE 231), and/or Neuroanatomy and Physiology (CSCD-UE 241) and count them toward the major as electives. These courses are offered by the Department of Communicative Sciences and Disorders in the NYU Steinhardt School of Culture, Education, and Human Development, but do not count against CAS students’ allowance of 16 points taken outside of the College in the other schools of NYU. (However, they do not count toward the 64-point UA residency requirement for internal and external transfers to the College.)

Note that Sound and Language (LING-UA 11) is only taught in the fall; it is a prerequisite for Phonological Analysis (LING-UA 12), which is only offered in the spring.

No grade lower than C (or any course taken Pass/Fail) may be counted toward the major or toward a joint major. In some cases, courses taken for a major in the Department of Linguistics may be applied to the requirements of another major or minor if the departments consider this appropriate. Students must then obtain written approval for the shared course(s) from the directors of undergraduate studies of both departments. No student may double count more than two courses between two majors (or between a major and a minor, or between two minors).

All linguistics majors, joint majors, and combined majors must select and register for linguistics courses with the advice of the director of undergraduate studies in the linguistics department.

**Joint Majors with a Foreign Language**

The Department of Linguistics offers joint majors with the Departments of French, German, Italian, and Spanish and Portuguese. The major with Spanish requires a total of ten 4-point courses (40 points); the majors with the other languages require a total of nine 4-point courses (36 points). All courses must be completed with a grade of C or better.

The linguistics portion of the joint foreign language majors is always satisfied by taking the following five courses (20 points):
• Either Language (LING-UA 1) or Language and Mind (LING-UA 3)
• Sound and Language (LING-UA 11)
• Grammatical Analysis (LING-UA 13)
• A total of two additional courses from two different fields of linguistics, chosen from the following:
  ○ Historical linguistics (LING-UA 14)
  ○ Sociolinguistics (LING-UA 15, LING-UA 18, LING-UA 30, LING-UA 38, LING-UA 57)
  ○ Phonology (LING-UA 12)
  ○ Semantics (LING-UA 4)
  ○ Computational linguistics (LING-UA 6, LING-UA 7)
  ○ Psycholinguistics (LING-UA 5, LING-UA 43, LING-UA 54, LING-UA 59)
  ○ Structure of a modern language (LING-UA 10, LING-UA 42, LING-UA 44, LING-UA 9032)

French requires four additional 4-point courses (16 points) as follows:
• One advanced language course chosen from:
  ○ Spoken Contemporary French (FREN-UA 101)
  ○ Advanced French Conversation (FREN-UA 102)
  ○ French Phonetics (FREN-UA 103)
French Translation (FREN-UA 107)
- French: Advanced Techniques of Translation (FREN-UA 108)
- Acting French (FREN-UA 109)
- Business French (FREN-UA 110)
- Creative Writing in French (FREN-UA 111)
- French for International Relations (FREN-UA 113; formerly FREN-UA 112)

• One course in advanced written French (usually Written Contemporary French, FREN-UA 105)
• Two courses from the FREN-UA discovery category, to be determined in consultation with the director of undergraduate studies in the French department.

German requires four additional 4-point courses (16 points) as follows:
• An advanced conversation or composition course chosen from:
  - German Conversation and Composition (GERM-UA 111)
  - Advanced Composition and Grammar (GERM-UA 114)
• Introduction to German Literature (GERM-UA 152)
• Two advanced literature courses taught in German (300- or 400-level)

Italian requires four additional 4-point courses (16 points) as follows:
• Advanced Review of Modern Italian (ITAL-UA 30)
• One advanced language course chosen from:
  - Conversations in Italian (ITAL-UA 101)
  - Creative Writing in Italian (ITAL-UA 103)
  - Translingual Writing in Italian (ITAL-UA 104)
  - Advanced Composition (ITAL-UA 105)
  - Italian Through Cinema (ITAL-UA 107)
  - Italian Through Opera (ITAL-UA 108)
  - Translation (ITAL-UA 110)

• Two advanced courses in Italian literature and/or Italian culture and society, to be determined in consultation with the director of undergraduate studies in the Italian department.

Spanish requires five additional 4-point courses (20 points) as follows:
• The prerequisite for entering the major is either Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly 111). Note that neither course counts toward the major.
• Students must take at least one SPAN-UA 3## course conducted in Spanish (this replaces the discontinued requirement of Critical Approaches to Textual and Cultural Analysis, SPAN-UA 200). This SPAN-UA 3## course cannot double-count toward the next requirement.
• Students must take four additional advanced Spanish courses, chosen with the advice of the director of undergraduate studies. These are often at the SPAN-UA 3## level.
  - One and only one of these additional four courses may be an advanced language elective (creative writing, conversation, or translation), chosen from the following: Advanced Spanish Conversation (SPAN-UA 60), Advanced Spanish Conversation for the Medical Professions (SPAN-UA 61), Techniques of Translation (SPAN-UA 110), Literary Translation (SPAN-UA 111), Introduction to Creative Writing in Spanish (SPAN-UA 120), Advanced Fiction and Nonfiction Workshop in Spanish (SPAN-UA 122), or Advanced Poetry Workshop in Spanish (SPAN-UA 124).

**Joint Major in Anthropology and Linguistics**

This joint major emphasizes the complementary nature of anthropological and sociolinguistic
approaches to language. Students are required to take 20 points (five 4-point courses) each from
the Department of Anthropology and the Department of Linguistics, for ten courses (40 points)
total. A grade of at least C is required in every course for it to be counted toward the joint major.

Required courses in anthropology are:
• Culture, Power, Society (ANTH-UA 1)
• Language, Culture, and Society (ANTH-UA 17)
• Language, Power, and Identity (ANTH-UA 16)
• Two other cultural or linguistic anthropology courses approved by the Department of
Anthropology’s director of undergraduate studies.

Required courses in linguistics are:
• Language (LING-UA 1)
• Language and Society (LING-UA 15)
• Two courses chosen from among the following:
  ○ Indigenous Languages of the Americas (LING-UA 9)
  ○ Language Change (LING-UA 14)
  ○ Bilingualism (LING-UA 18)
  ○ Sex, Gender, and Language (LING-UA 21)
  ○ African American English I: Language and Culture (LING-UA 23)
  ○ Language and Liberation at Home in the Caribbean and Abroad (LING-UA 26)
  ○ Language in Latin America (LING-UA 30)
• A fifth course in linguistics, which may be an additional course from the above list or another
  course that the department offers, chosen in consultation with the director of undergraduate
  studies in the Department of Linguistics.

Joint anthropology-linguistics majors should consult with the directors of undergraduate studies
in both departments for assistance in developing their plan of study.

Joint Major in Language and Mind

This major, intended as an introduction to cognitive science, is administered by the Departments
of Linguistics, Philosophy, and Psychology. Ten courses (40 points) are required (four in linguistics,
one in philosophy, four in psychology, and one additional course). All must be completed with a
grade of C or better. Joint majors must consult with the directors of undergraduate studies of the
three participating departments for advisement.

The linguistics component consists of these four courses:
• Language and Mind (LING-UA 3; identical to PSYCH-UA 27) or Language (LING-UA 1)
• Two courses chosen from the following:
  ○ Introduction to Semantics (LING-UA 4)
  ○ Phonological Analysis (LING-UA 12)
  ○ Grammatical Analysis (LING-UA 13)
• One course, chosen from the following:
  ○ Introduction to Semantics (LING-UA 4)
  ○ Psycholinguistics (LING-UA 5; identical to PSYCH-UA 56)
  ○ Formal Languages (LING-UA 7)
  ○ Sound and Language (LING-UA 11)
  ○ Phonological Analysis (LING-UA 12)
  ○ Grammatical Analysis (LING-UA 13)
○ Advanced Semantics (LING-UA 19)
○ Propositional Attitudes (LING-UA 35)
○ The Syntax/Semantics Interface Cross-linguistically (LING-UA 37)
○ Neural Bases of Language (LING-UA 43; identical to PSYCH-UA 300)
○ Linguistics as Cognitive Science (LING-UA 48; identical to PSYCH-UA 48)
○ Machine Learning for Language Understanding (LING-UA 52; identical to DS-UA 203)
○ Learning to Speak (LING-UA 54)
○ Introduction to Morphology at an Advanced Level (LING-UA 55)
○ First Language Acquisition (LING-UA 59; identical to PSYCH-UA 59)

The philosophy component is a choice of one of the following three courses:
• Minds and Machines (PHIL-UA 5)
• Logic (PHIL-UA 70)
• Philosophy of Language (PHIL-UA 85)

The psychology component consists of four courses:
• Statistics for the Behavioral Sciences (PSYCH-UA 10) or Advanced Psychological Statistics (PSYCH-UA 11)
• Cognition (PSYCH-UA 29)
• One course chosen from among the following:
  ○ Psycholinguistics (PSYCH-UA 56; identical to LING-UA 5)
  ○ Language Acquisition and Cognitive Development (PSYCH-UA 300)
  ○ Neural Bases of Language (PSYCH-UA 300; identical to LING-UA 43)
  ○ Speech: A Window into the Developing Mind (PSYCH-UA 300)
• One course chosen from among the following:
  ○ Perception (PSYCH-UA 22)
  ○ Cognitive Neuroscience (PSYCH-UA 25)
  ○ Laboratory in Cognition and Perception (PSYCH-UA 46)
  ○ Psycholinguistics (PSYCH-UA 56; identical to LING-UA 5)
  ○ Language Acquisition and Cognitive Development (PSYCH-UA 300)
  ○ Neural Bases of Language (PSYCH-UA 300; identical to LING-UA 43)

The tenth course will be an additional course from the lists above that has not already been taken to satisfy the departmental components.

**Minor in Linguistics**

Four courses (16 points) in linguistics with a grade of C or better in each course. Courses taken Pass/Fail do not count. If any course is used to fulfill the major or minor requirements in any other department or program at NYU, it may not be used simultaneously to fulfill the requirements for the linguistics minor.

**Recommended Work outside the Department**

To meet standards currently set in the field of linguistics it is suggested to gain competence in one or more of the following areas during one’s undergraduate studies: (1) a foreign language, (2) psychology, for issues of language and the mind, and anthropology, for issues of language and culture, (3) mathematics or logic, for an understanding of modern algebra and mathematical logic, (4) philosophy of language, and (5) one or more computer languages for computational linguistics. Majors and minors should avail themselves of the NYU study away programs where appropriate. Note that any course substitution or transfer credit toward a required course for the major must be confirmed by the director of undergraduate studies.
Honors in Linguistics

The Department of Linguistics offers an honors track. The requirement for graduation with honors in linguistics is an honors thesis of 40 to 50 pages, typically the culmination of a year’s work, and two advanced courses chosen with the honors thesis adviser.

Students who are excelling in the linguistics major are highly encouraged to develop an honors project as early as the second semester of their sophomore year. It is expected that students who pursue honors work in the Department of Linguistics have sufficient preparation and background (i.e., high-level coursework) in a field of linguistics, which is not always the case for students in the joint majors with French, German, Italian, and Spanish.

Admission to the honors program is by application in the second semester of junior year. To be eligible, a student must have a GPA of 3.65 overall as well as in linguistics. Applications are due to the director of undergraduate studies by April 15 and must include a one- to two-page description of the topic that the student wishes to investigate in the senior thesis. The student must identify a faculty member in the Department of Linguistics who has agreed to supervise the project, and the description of the thesis is written in consultation with this faculty adviser.

Joint Honors

The Department of Linguistics offers joint honors in all programs for which it offers joint majors: language and mind, anthropology and linguistics, French and linguistics, German and linguistics, Italian and linguistics, and Spanish and linguistics.

For the requirements of joint honors in anthropology and linguistics, students should consult Professor Renée Blake.

For the requirements of joint honors in language and mind, students should follow the same procedure for honors in linguistics, except that their proposal should identify faculty members from two departments in the language and mind major (linguistics, philosophy, and psychology) who will be co-advisers. The thesis topic must reflect contributions to both disciplines.

Students interested in pursuing joint honors in linguistics and French, German, Italian, or Spanish should consult with the director of undergraduate studies in linguistics, as well as in the language department, in or before the second semester of their junior year.

COURSES

Language
LING-UA 1  Offered every semester. Champollion, Gallagher, Gouskova, Szabolcsi. 4 points. Language is a social phenomenon, but languages share elaborate and specific structural properties. Speech communities exist, exhibit variation, and change within the strict confines of universal grammar, part of our biological endowment. Universal grammar is discovered through the careful study of the structures of individual languages, by crosslinguistic investigations, and the investigation of the brain. Introduces fundamental properties of the sound system and of the structure and interpretation of words and sentences against this larger context.

Language and Mind
LING-UA 3  Formerly LING-UA 28. Identical to PSYCH-UA 27. Offered every year. Courna, Davidson, Marantz, Marcus, McElree, Murphy, Pykkänen, Szabolcsi. 4 points. Introduces the field of cognitive science through an examination of language behavior. Begins with interactive discussions of how best to characterize and study the mind. These principles are then illustrated through an examination of research and theories related to language representation and use. Draws from research in both formal linguistics and psycholinguistics.
Introduction to Semantics
LING-UA 4 Prerequisite: Language (LING-UA 1), Language and Mind (LING-UA 3), or permission of the instructor. Offered every year. Barker, Champollion, Szabolcsi. 4 points.
Focuses on the compositional semantics of sentences. Introduces set theory, propositional logic, and predicate logic as tools and goes on to investigate the empirical linguistic issues of presuppositions, quantification, scope, and polarity. Points out parallelisms between the nominal and the verbal domains.

Introduction to Psycholinguistics
LING-UA 5 Identical to PSYCH-UA 56. Offered occasionally. 4 points.
Psycholinguistics aims to understand the mental processes that underlie both the representation and acquisition of language. Topics include language acquisition, speech perception, lexical representation and access, sentence production, and the relationship between phonology and orthography.

Patterns in Language
LING-UA 6 No prerequisites. Offered every year. Bowman, Champollion. 4 points.
Can machines think? Do patterns in online searches predict the spread of the flu? Did Shakespeare really write that sonnet? Scientists use patterns in language to answer these questions, using the same concepts that underlie search engines, automatic translators, speech recognition, spell-checkers, and auto-correction tools. Focuses on the technological and linguistic ideas behind these applications and offers hands-on experience and insight into how they work. No programming experience required.

Formal Languages
LING-UA 7 Prerequisite: Language (LING-UA 1), Language and Mind (LING-UA 3), or Logic (PHIL-UA 70), or permission of the instructor. Offered occasionally. Champollion, Pryor. 4 points.
Formal language theory is a collection of formal computational methods drawn chiefly from mathematics and computer science. Formal languages can be used to represent the syntax of axiomatic systems studied in the guise of logical calculi, or as models of richer information-encoding systems like natural languages or human cognition. Examines applications in linguistics, philosophy, and computer science, and such topics as set theory, algebra, automata theory, the Chomsky hierarchy, parsing, tree- adjoining grammars, and effective decidability.

Language, Power, and Identity
LING-UA 8 Formerly Practical Phonetics. Identical to ANTH-UA 16. Seminar. 4 points.
See anthropology for description.

Indigenous Languages of the Americas
LING-UA 9 No prerequisites. Offered every other year. Gallagher. 4 points.
Focuses on phonology and phonetics (i.e., sound structure), but also addresses the structure of words and phrases. Topics: bilingualism, language contact, language loss, indigenous language education, literacy, orthography, and language policy. Emphasis on the Quechuan languages of the Andes in South America, spoken in Ecuador, Peru, and Bolivia.

Structure of the Russian Language
LING-UA 10 Prerequisite: Grammatical Analysis (LING-UA 13). Offered occasionally. Harves. 4 points.
An introduction to the morphosyntax of Russian. Students learn how to analyze the underlying structures of this language by using formal tools in syntactic theory. The core areas of Russian grammar: case, aspect, argument structure alternations, topic/focus structure, negation, binding, control, and wh-movement. No knowledge of Russian required.

Sound and Language
LING-UA 11 Offered every fall. Davidson, Gallagher, Gouskova. 4 points.
Phonetic and phonological theory at an elementary level. Topics include the description and analysis of speech sounds, the anatomy and physiology of speech, speech acoustics, and phonological processes. Students develop skills to distinguish and produce sounds used in the languages of the world and to transcribe them using the International Phonetic Alphabet.

Phonological Analysis
LING-UA 12 Prerequisite: Sound and Language (LING-UA 11) or permission of the instructor. Offered at least every spring. Davidson, Gallagher, Gouskova, Stanton. 4 points.
How languages organize sounds into highly constrained systems. Topics: What do the sound systems of all languages have in common? How can they differ from each other? What is the nature of phonological processes, and why do they occur?

Grammatical Analysis
LING-UA 13 Prerequisite: Language (LING-UA 1), Language and Mind (LING-UA 3), or permission of the instructor. Offered at least every fall. Collins, Harves, Thoms. 4 points.
What determines the sequencing of words in a given language? How can we explain word-order variation within and across languages? Are there universal syntactic properties common to the grammar of all languages? Presents the modern generative approach to the scientific study of language and systematically develops a model that will account for the most basic syntactic constructions of natural language.
Language Change
LING-UA 14  Offered every other year. Guy. 4 points.
The methods of genealogical classification and subgrouping of languages. Examines patterns of replacement in phonology, morphology, and syntax. Focuses on internal and comparative phonological, morphological, and syntactic reconstruction. Considers phonological developments such as Grimm’s, Grassmann’s, and Verner’s Laws.

Language and Society
Considers contemporary issues in the interaction of language and society, particularly work on speech variation and social structure. How social factors affect language. Topics: language as a social and political entity; regional, social, and ethnic speech varieties; bilingualism; and pidgin and creole languages.

Grammatical Analysis II
LING-UA 16  Prerequisite: Grammatical Analysis (LING-UA 13). Offered every other year. Collins, Harves, Kayne, Thoms. 4 points. Introduces primary literature in syntactic theory and leads to an independent research project. Topics vary: binding theory, control, case theory, constraints on movement, antisymmetry, argument structure and applicatives, ellipsis, derivation by phase, etc.

Bilingualism
LING-UA 18  Offered every fall. Vrzic. 4 points. Considers social forces that favor or inhibit bilingualism, as well as the educational consequences of bilingual education (and of monolingual education for bilingual children). Examines the impact of bilingualism on the languages involved. Special attention to code switching, with particular reference to its psycholinguistic and sociolinguistic aspects.

Advanced Semantics
LING-UA 19  Prerequisite: Semantics (LING-UA 4). Offered every other year. Champollion, Szabolcsi. 4 points. Builds a solid command of predicate logic and elements of the lambda calculus. Introduces the principles of compositional model theoretic semantics. Analyzes constituent order and a set of specific phenomena, possibly varying from year to year.

Sex, Gender, and Language
LING-UA 21  Identical to SCA-UA 712. Offered every spring. Vasvari. 4 points. How linguistic practices reflect and shape our gender identity. Do women and men talk differently? Are these differences universal or variable across cultures? How does gendered language intersect with race and class-linked language? What impact does gendered language have on social power relationships?

African American Vernacular English
LING-UA 23  Identical to SCA-UA 799. Offered every other year. Blake. 4 points. African American Vernacular English in terms of its linguistic and cultural distinctiveness, both intrasystemically and compared to other dialects of American English. Relates the English vernacular spoken by African Americans in urban settings to creole languages. The history of its expressive uses, and the educational, attitudinal, and social implications connected with the language.

Languages in Contact
LING-UA 25  Prerequisite: Language (LING-UA 1) or Language and Mind (LING-UA 3), or permission of the instructor. Offered occasionally. 4 points. Considers the impact that contact can have on existing languages, paying attention to contact that gives rise to new languages and also to the kind that kills languages. Topics: borrowing, bilingualism, language maintenance and language shift, language birth and language death, code switching, diglossia, pidginization and creolization, new Englishes, and mixed languages.

Language and Liberation: At Home in the Caribbean and Abroad
LING-UA 26  Identical to SCA-UA 163. Offered occasionally. Blake. 4 points. Explores the linguistic and cultural transformations that took place in the Commonwealth Caribbean from 17th-century slavery and bondage to the present day. Discusses the socio-historical conditions that led to the creation of new Caribbean languages called “pidgins” and “creoles.” Examines historical and current relationship of English-based creoles to their social, cultural, political, and literary/expressive contexts and aspects.

Grammatical Diversity
LING-UA 27  Prerequisite: Grammatical Analysis (LING-UA 13) or permission of the instructor. Offered every year. Collins, Kayne, Thoms. 4 points. Introduces the syntax of languages quite different from English, from various parts of the world. Considers what they may have in common with English and with each other and how to characterize the ways in which they differ from English and from each other.

Morphology
LING-UA 29  Prerequisite: Language (LING-UA 1) or Language and Mind (LING-UA 3) or permission of the instructor. Offered occasionally. Gouskova, Marantz. 4 points. Introduces rules for composing words and sentences from the smallest units.
of linguistic combination (morphemes). Why can the same message be expressed in one word in some languages but require an entire sentence in others? Why do the shapes of prefixes, suffixes, and roots change depending on their semantic and phonological context? What rules do different languages use for forming new words?

Language in Latin America
LING-UA 30  Offered every other year. Guy. 4 points.
How and why American varieties of Spanish and Portuguese differ from European varieties, as well as the distribution and nature of dialect differences throughout the Americas. Examines sociolinguistic issues: class and ethnic differences in language, the origin and development of standard and non-standard varieties, and the effects of contact with Amerindian and African languages. Considers Spanish- and Portuguese-based creoles and the question of prior creolization.

The Syntax/Semantics Interface Cross-linguistically
LING-UA 37  Prerequisite: Grammatical Analysis (LING-UA 13) or permission of the instructor. Introduction to Semantics (LING-UA 4) is recommended but not required. Offered occasionally. Szabolcsi. 4 points.
In many languages of the world, the topic and the focus of the sentence, the scope relations among quantifiers and negation, and the role of the speaker and addressee are made transparent by word order and various suffixes on the verb. Studies data from languages from Hungarian to Kathmandu Newari from the perspective of theoretical linguistics and asks what they tell us about how the syntax/semantics interface works in universal grammar.

Romance Syntax
LING-UA 42  Prerequisite: Grammatical Analysis (LING-UA 13) or permission of the instructor. Offered occasionally. Kayne. 4 points.
Introduces the syntax of Romance languages, primarily French, Italian, and Spanish, but also various Romance dialects. Considers what they have in common with each other (and with English) and how best to characterize the ways in which they differ from each other (and from English).

Neural Bases of Language
LING-UA 43  Identical to PSYCH-UA 300. Prerequisite: Language (LING-UA 1), Language and Mind (LING-UA 3), Cognitive Neuroscience (PSYCH-UA 25), Cognition (PSYCH-UA 29), or permission of the instructor. Offered every other year. Pylkkänen. 4 points.
A state-of-the-art survey of the cognitive neuroscience of language, a rapidly developing multidisciplinary field at the intersection of linguistics, psycholinguistics, and neuroscience. Covers all aspects of language processing in the healthy brain, from early sensory perception to sentence-level semantic interpretation, as well as a range of neurological and development language disorders.

Field Methods
LING-UA 44  Identical to LING-GA 44, Prerequisites: Sound and Language (LING-UA 11) and either Phonological Analysis (LING-UA 12) or Grammatical Analysis (LING-UA 13), or permission of the instructor. Offered every year. Collins, Gallagher, Gouksoyva. 4 points.
Students interview a native speaker of an unfamiliar language to study all aspects of the language's grammar: phonetics, phonology, morphology, syntax, semantics. We evaluate and organize real, nonidealized linguistic data and formulate generalizations that serve as the basis for research.

The Language of America's Ethnic Minorities
LING-UA 47  Offered occasionally. Blake. 4 points.
Examines the role of language in communities in the United States, specifically within African American, Asian American, Latino, and Native American populations. Explores the relationship of language to culture, race, and ethnicity. Looks for similarities and differences across these communities and considers the role that language experiences play in current models of race and ethnicity.

Linguistics as Cognitive Science
LING-UA 48  Identical to LING-GA 48 and PSYCH-UA 48. Prerequisite: permission of the instructor. Offered every other year. Marantz. 4 points.
Approaches from linguistics, philosophy, and psychology. Topics: the evidence for constructing grammars, the interpretation of grammatical rules as cognitive or neural operations, the significance of neo-behaviorist approaches to language and computational modeling for a cognitive theory of language, the connection between linguistics theory and genetics, and the importance of sociocultural and historical variation for understanding the nature of language.

Endangered Languages
LING-UA 50  Offered occasionally. Collins. 4 points.
Why do languages die? If a language dies, does a culture die with it? How is the structure of a language affected by language death? Why should we care about language endangerment? Is there anything we can do about it? Students “adopt” an endangered language and research it extensively throughout the semester.

Machine Learning for Language Understanding
LING-UA 52  Identical to DS-UA 203. Prerequisites: at least one course with a
substantial Python programming component, such as *Introduction to Computer Programming (No Prior Experience)* (CSCI-UA 2) or *Introduction to Computer Programming (Limited Prior Experience)* (CSCI-UA 3), or an advanced CSCI-UA or other programming course; Calculus I (MATH-UA 121) or higher, or equivalent; and one of the following: Statistics (ECON-UA 18), or Analytical Statistics (ECON-UA 20), or Theory of Probability (MATH-UA 233), or Mathematical Statistics (MATH-UA 234), or Probability and Statistics (MATH-UA 235), or Honors Theory of Probability (MATH-UA 238); or permission of the instructor. Offered every spring. 4 points.

Covers widely-used machine learning methods for language understanding— with a special focus on methods based on artificial neural networks— and culminates in a substantial final project in which students write an original research paper in AI or computational linguistics. Introduces the many approaches that researchers use to teach language to computers. Students gain skills to design and build computational models, to design experiments to test those models, and to read and evaluate results from the scientific literature.

**Learning to Speak:**

**The First- and Second-Language Acquisition of Sound**

LING-UA 54  Prerequisite: Sound and Language (LING-UA 11) or Phonological Analysis (LING-UA 12). Offered occasionally. Davidson. 4 points.

We discuss scientific data from both first- and second-language acquisition of sound systems to understand how they differ, and how humans learn language both in infancy and adulthood. Presupposes an introduction to phonetics, phonology, and/or psycholinguistics.

**Introduction to Morphology at an Advanced Level**

LING-UA 55  Identical to LING-GA 1029. Prerequisites: Phonological Analysis (LING-UA 12) and Grammatical Analysis (LING-UA 13). Offered every other year. Gouskova, Marantz. 4 points.

The building blocks of words and sentences: the atomic units of word structure, their hierarchical and linear arrangement, and their phonological realization(s). An introduction to fundamental issues including allomorphy, morpheme order, paradigm structure, blocking, and cyclicity. Interactions of morphology with syntax, phonology, semantics, and variation.

**English Dialects**

LING-UA 57  Offered every other year. MacKenzie. 4 points.

Regional dialects of English in the United States and abroad. Dialect variation is studied on many linguistic levels, from word choice to the pronunciation of vowels to the construction of sentences. Topics include the fundamentals of dialectology, the historical development of regional dialects, mechanisms of language change, and social evaluation of dialects. Connections are made to techniques of quantitative data analysis, practical applications of dialectology, and the importance of dialect data for the development of (socio)linguistic theory.

**First Language Acquisition**

LING-UA 59  Identical to PSYCH-UA 59. Prerequisite: Language (LING-UA 1) or Language and Mind (LING-UA 3). Offered every year. Cournane. 4 points.

Linguistic development from birth to early school age, examining monolingual, bilingual, and atypical (e.g., autistic, Specific Language Impairment) populations. Focuses first on development in the individual linguistic domains of phonology, vocabulary, morphology, syntax, semantics, and pragmatics and then examines deeper theoretical and experimental approaches to language acquisition, with a focus on primary literature and active debates in the field.

**Seminar: Research on Current Problems in Linguistics**

LING-UA 102  Prerequisite: permission of the instructor. Offered occasionally. 4 points. Course content varies.

**Internship**

LING-UA 980, 981  Prerequisite: permission of the director of undergraduate studies. In the term prior to the internship, the student must present a written description of the proposed internship that clearly indicates the linguistic content of the project. 1 to 4 points per term.

**Independent Study**

LING-UA 997, 998  Prerequisite: permission of the director of undergraduate studies. 1 to 4 points per term.

**Approved Electives from the Department of Communicative Sciences and Disorders in the NYU Steinhardt School of Culture, Education, and Human Development**

With permission, students may choose from Introduction to Audiology (CSCD-UE 221), Anatomy and Physiology (CSCD-UE 231), and/or Neuroanatomy and Physiology (CSCD-UE 241) and count them as major electives in linguistics. (The Department of Linguistics requires three 4-point major electives.) These courses are offered by the Department of Communicative Sciences and Disorders (CSD) in the NYU Steinhardt School of Culture, Education, and Human Development, but do not count against CAS students’ allowance of 16 points taken outside of the College in the other schools of NYU. (However, they do not count toward the 64-point UA residency requirement for

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*Linguistics / NYU College of Arts & Science / 2022-24*
internal and external transfers to the College.

These courses provide excellent preparation for graduate work and careers in speech pathology and CSD. For more information, consult the website of the Department of Linguistics, or the department’s director of undergraduate studies.
MINOR IN
Literature in Translation

OVERVIEW

Minor
This minor is for students who have an interest in the literature of several different countries and/or cultures and wish to explore that literature through English translation. The minor consists of four courses (16 points) taught in English with a focus on foreign (i.e., not originally written in English) literature offered by participating CAS disciplines (classics, comparative literature, dramatic literature, East Asian studies, English, French, German, Hebrew and Judaic studies, Italian, Middle Eastern and Islamic studies, Russian and Slavic studies, and Spanish and Portuguese). A student majoring in a specific language cannot take courses within that language department for this minor. In addition, a student must take courses from at least two different departments for this minor, with no more than two courses from the same department. No grade lower than a C counts toward this minor. This minor is declared and advised through the Department of French.

Course Offerings
The following are courses in literature in translation:

• Courses in foreign literature taught in English translation and listed under the relevant foreign language departments, such as The Comedies of Greece and Rome (CLASS-UA 144) or Women Writers in France (FREN-UA 835).

• The courses History of Drama and Theatre I, II (DRLIT-UA 110, 111), offered by the Department of Dramatic Literature, in addition to relevant courses cross-listed with the Department of English or with foreign language departments.

Please see individual department sections in this Bulletin for courses and descriptions.
DEPARTMENT OF Mathematics

math.nyu.edu
251 Mercer Street
New York, NY 10012-1110
212-998-3005

Director, Courant Institute of Mathematical Sciences
Professor Caflisch
Chair of the Department
Professor Kleiner

Director of Undergraduate Studies
Professor Germain
Vice-Chair for Undergraduate Affairs
Professor Leingang

OVERVIEW

The undergraduate division of the Department of Mathematics offers a wide variety of courses in both pure and applied mathematics. Faculty are members of the Courant Institute of Mathematical Sciences, which has become a leading research center through its tradition of integrating mathematical theory and applications.

In addition to the mathematics major, joint programs are available in mathematics and (1) computer science, (2) data science, (3) economics, and (4) engineering. These majors lead to the B.A. degree in four years, with the exception of the engineering option, which leads to the B.S. degree from the College of Arts and Science and the B.S. degree from the NYU Tandon School of Engineering in five years. An accelerated, five-year B.A. and M.S. mathematics program is offered with the Graduate School of Arts and Science, as well as an M.A. in mathematics education program with Steinhardt. The department also provides honors programs in (1) mathematics, (2) mathematics and computer science, and (3) economics and mathematics for outstanding students. In addition, independent study courses are available for students with special interests.

Mathematics majors are encouraged to spend a semester studying away. Currently, mathematics courses are offered at NYU Abu Dhabi, NYU London, NYU Paris, and NYU Shanghai.

FACULTY

Professors Emeriti
Berman, Childress, Greenleaf, Hoppensteadt, Karal, Lax, Lutwak, McKea, Novikoff, Ting, Weitzner, Widlund

Jay Gould Professors of Mathematics
Gromov, Varadhan

Lucy Moses Professor of Science
Young

Silver Professors; Professors of Mathematics
Ben Arous, Berger, Bogomolov, Cappell, Cheeger, Deift, Greengard, Kohn, Lin, McLaughlin, Newman, Overton, Peshin, Serfatis, Shatah, Wright, Young, Zorin

Professors

Associate Professors
Armstrong, Bourgade, Cerfon, Chen, Fernandez-Granda, Giannakis, Hang, Holmes-Cerfon, O’Neil, Pirutka, Rangan, Weare

Assistant Professors
Niles-Weed, Ristroph

Clinical Professors
Kolm, Leingang

Clinical Associate Professors
Kalayciohlu, Stepp

Clinical Assistant Professors
Chikhany, Clarkson, Diaz-Alban, Esposito, Hammond, Liu, Majmudar, Oveyes, Patel, Shum, Sia, Sondjaja

Clinical Lecturers of Mathematics
Cereste, Gbedemah

Visiting Professor
Francfort

Visiting Assistant Professors
Buonerba, Hirschberg, Pang
Global Distinguished Professor of Mathematics
Zeitouni

Postdoctoral Associates
Alt, Burkhardt-Guim, Cameron, Davis, Dinl, Dunlap, Dunlop, Espinosa, Falasca, Garcia, Giuliani, Goldman, Guillaumin, Huang, Khalichi, W. Li, Z. Li, Lindsey, Marbach, McSwiggen, Muralikrishnan, Pang, Perez Pelaez, Shamir, Tanzi, Vaughn, Venkatraman, Wechsung, Xiao, Yang, Yankovsky

Courant Instructors
Ampatzoglou, Becker, Boffi, Boury, N. Cao, Y. Cao, Divolo, Falconet, Hashemi, Leibovich, Nitzschner, Pigati, Potter, Sprinkle, Xiao, Zhang

Affiliated Faculty
Fine, Horn, Huang, Jones, Ok, Schlick, Shapley, Simoncelli, Sodickson, Sokal, Tarres, Tuckerman, Wu

CAS Mathematics Requirement (Quantitative Reasoning)

Please note that all SAT Subject Examinations are discontinued as of January 2021 in the U.S. and after June 2021 internationally.

To satisfy the College Core Curriculum requirement in Quantitative Reasoning (QR), all College of Arts and Science students must either take one semester of an approved course with mathematical content, or present qualifying advanced standing credit or SAT Subject Examination scores to exempt from the requirement. (There is no CAS examination to exempt students from QR.)

Advanced Placement (AP), International Baccalaureate (IB; HL only), and Advanced Level (A Level; not AS) credit in calculus, statistics, and mathematics satisfies the QR requirement, as does similar credit in selected international examinations. Consult the admission section of this Bulletin or a CAS adviser for details on which approved examinations and minimum scores confer credit. In addition, a score of 700 or higher on the SAT Subject Examination in Mathematics (either level 1 or 2) satisfies the Core QR requirement (no credit is awarded).

Students in the following majors or tracks of study are required to take courses which also satisfy the Core QR requirement: computer science, data science, economics, engineering, global public health, international relations, mathematics, the natural sciences, the prehealth track, psychology, and sociology. (These areas of study differ in whether and how they accept advanced standing credit toward their quantitative requirements; consult the appropriate sections of this Bulletin.)

CAS students who are not pursuing one of these courses of study, and who cannot present advanced standing credit or SAT Subject Examination scores for exemption from the QR requirement, must take one of the Quantitative Reasoning (CORE-UA 1XX) courses offered in the College Core Curriculum.

Alternatively, students who meet the prerequisites or take a placement exam may register for an appropriate calculus course at the level of Calculus I (MATH-UA 121) or above. Other CAS courses that satisfy the QR requirement (in statistics, e.g.) are posted on the Core Curriculum website, core.cas.nyu.edu.

Placement into Calculus and other Foundational Courses

Please note that all SAT Subject Examinations are discontinued as of January 2021 in the U.S. and after June 2021 internationally.

Students meeting any of the following criteria may enter Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211). In addition, students meeting any of the following criteria may register for Discrete Mathematics (MATH-UA 120), Linear Algebra (MATH-UA 140), or Honors Linear Algebra (MATH-UA 148), although in the case of MATH-UA 148 the required grade in Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and
Calculus) is an A- and not a C.

- SAT general test Mathematics score of 670 or higher (for SAT taken in and after March 2016)
- SAT Subject Examination in Mathematics (level 1 or level 2) score of 650 or higher
- ACT Mathematics score of 30 or higher
- Advanced Placement (AP) Calculus AB exam score of 3 or higher (must be 4 or 5 to earn credit)
- AB subscore on the AP Calculus BC exam of 3 or higher (must be 4 or 5 to earn credit)
- AP Calculus BC exam score of 3 or higher (must be 4 or 5 to earn credit)
- A Level Mathematics score of C or higher (must be B or higher to earn credit; anyone who took Further Mathematics should consult the mathematics department for placement)
- AS Level Mathematics score of B or higher (no credit is awarded for AS exams)
- International Baccalaureate (IB) HL Mathematics score of 5 or higher (must be 6 or higher to earn credit)
- IB Analysis and Approaches HL score of 5 or higher (must be 6 or higher to earn credit)
- IB Applications and Interpretations HL score of 5 or higher (must be 6 or higher to earn credit)
- IB Analysis and Approaches SL score of 7 (no credit is awarded for SL exams)
- Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) with a grade of C or higher (A-minus or higher for entry into MATH-UA 148), or equivalent
- Passing score on the departmental calculus placement exam

Students who do not meet any of these prerequisites must take Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) and meet the minimum grade requirement before proceeding to any of the courses listed above.

Advanced Placement with Credit

Freshmen seeking advanced placement in the mathematics major or minor may present results of the Advanced Placement (AP) Calculus AB or BC Examination.

- A student who earns a 4 or 5 on the Calculus AB exam (or AB subscore) or a 4 on the Calculus BC exam will receive 4 points equivalent to Calculus I (MATH-UA 121) and will be placed into Calculus II (MATH-UA 122).
- A student who earns a score of 5 on the Calculus BC exam will receive 8 points, equivalent to both Calculus I (MATH-UA 121) and Calculus II (MATH-UA 122), and will be placed into Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129).

For calculus equivalencies and placement for advanced standing credit in mathematics from International Baccalaureate (HL only), A Level, and other approved international examinations, please consult the admission section of this Bulletin or a CAS adviser.

Note that AP and other advanced standing credit by exam cannot be used to place into, or ahead in, the Mathematics for Economics I, II, III sequence (MATH-UA 131, 132, 133; formerly 211, 212, 213). These exam credits are not equivalent to any course in this sequence.

Advanced Placement without Credit

The department periodically gives its own advanced placement exams for students who know the material covered in Calculus I (MATH-UA 121), Calculus II (MATH-UA 122), Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211), and/or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) and who wish to enter Calculus II (MATH-UA 122), Calculus III (MATH-UA 123), Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212), or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213). There is also an examination to pass out of Calculus III (MATH-UA 123). If a student passes any of these exams, he or she is placed
into the next course of the sequence; however, no college credit is given for the courses that are skipped.

**Major in Mathematics**

The major consists of thirteen 4-point courses (52 points) numbered MATH-UA 120 or higher.

**Foundational Requirements**

- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121) or advanced standing credit
- Calculus II (MATH-UA 122) or advanced standing credit
- Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)

**Analysis and Algebra Requirements**

- Analysis (MATH-UA 325)
- Algebra (MATH-UA 343)

Either of these courses can be substituted by its more intensive counterpart:

- Honors Analysis I (MATH-UA 328)
- Honors Algebra I (MATH-UA 348)

Students are strongly advised to take analysis before algebra.

**Advanced Electives Requirement**

The balance of the thirteen required courses must include at least three of the following:

- Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238)
- Mathematical Statistics (MATH-UA 234)
- Combinatorics (MATH-UA 240)
- Theory Of Numbers (MATH-UA 248)
- Numerical Analysis (MATH-UA 252)
- Linear and Nonlinear Optimization (MATH-UA 253)
- Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268)
- Partial Differential Equations (MATH-UA 263)
- Chaos And Dynamical Systems (MATH-UA 264)
- Functions of a Complex Variable (MATH-UA 282)
- Honors Analysis II (MATH-UA 329)
- Honors Algebra II (MATH-UA 349)
- Topology (MATH-UA 375)
- Differential Geometry (MATH-UA 377)
- Honors I (MATH-UA 393)
- Honors II (MATH-UA 394)
- Honors III (MATH-UA 397)
- Honors IV (MATH-UA 398)

**Recommended Course Sequencing for Majors in Mathematics**

For students placing into Calculus I (MATH-UA 121):

- First semester: Calculus I (MATH-UA 121), possibly with Discrete Mathematics (MATH-UA 120)
- Second semester: Calculus II (MATH-UA 122), and Discrete Mathematics if not yet taken
• Third semester Calculus III (MATH-UA 123) and Linear Algebra or Honors Linear Algebra (MATH-UA 140 or 148)
• Fourth semester: Analysis or Honors Analysis I (MATH-UA 325 or 328)

For students placing into Calculus II (MATH-UA 122):
• First semester: Calculus II (MATH-UA 122) and Discrete Mathematics (MATH-UA 120)
• Second semester: Calculus III or Honors Calculus III (MATH-UA 123 or 129), and Linear Algebra or Honors Linear Algebra (MATH-UA 140 or 148)
• Third semester: Analysis or Honors Analysis I (MATH-UA 325 or 328)

For students placing into Calculus III (MATH-UA 123):
• First semester: Calculus III or Honors Calculus III (MATH-UA 123 or 129), possibly with Discrete Mathematics (MATH-UA 120)
• Second semester: Linear Algebra or Honors Linear Algebra (MATH-UA 140 or 148), and Discrete Mathematics (MATH-UA 120) if not yet taken
• Third semester: Analysis or Honors Analysis I (MATH-UA 325 or 328)

Policies Applying to the Major in Mathematics

• Mathematics for Economics I, II, III (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213) do not count toward the major in mathematics as substitutions for the Calculus I, II, III sequence (MATH-UA 121, 122, 123). Exceptions may be made for students who have already taken Mathematics for Economics for their declared or intended second or joint major in economics; they must seek the approval of the Department of Mathematics for this substitution. All other students must follow the regular calculus sequence. Students may not register simultaneously for separate courses within the two sequences.

• Up to two computer science courses at the level of Introduction to Computer Science (CSCI-UA 101) or higher, or up to two graduate data science (DS-GA) courses, may be counted toward the thirteen courses required for the major. The prerequisites for DS-GA courses are Calculus III (MATH-UA 123), Linear Algebra (MATH-UA 140), and programming experience in Python (preferred) or MATLAB. Probability is a recommended prerequisite.

• Students who complete the prehealth program may substitute at most two MATH-UA courses by any two of the following: General Physics I, II (PHYS-UA 11, 12) or Physics I, II (PHYS-UA 91, 93). However, if these physics courses are used towards the mathematics major, the computer science or data science courses above will not apply towards the major, and vice-versa.

• Students may double-count no more than two courses toward both the mathematics major and the requirements of another major or minor

• Courses taken under the Pass/Fail option cannot count toward the major. A grade of C or higher is required in all courses used to fulfill major requirements. In addition, majors must maintain a 2.0 mathematics GPA.

• Students may petition to enroll in graduate mathematics courses and apply them to the undergraduate major. Permission is not granted until the student has completed Analysis (MATH-UA 325) and the available undergraduate course(s) on the same topic. Please see the undergraduate section of the department’s website for more information and to request permission to enroll in a graduate course.

• All mathematics majors and minors are required to see an undergraduate faculty adviser to review their course of study and be advised on appropriate courses for each term. Inquire at
Joint Major in Computer Science and Mathematics

The prerequisite for declaring this major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. This is an interdisciplinary major (eighteen courses/72 points) offered by the Department of Computer Science with the Department of Mathematics.

Students may double-count no more than two courses towards both this joint major and the requirements of another major or minor. A grade of C or higher is necessary in all courses used to fulfill joint major requirements (courses taken under the Pass/Fail option cannot be counted toward the major). Interested students should consult with the directors of undergraduate studies in both departments for additional information.

The mathematics requirements (ten courses/40 points) are as follows. Note that students must choose one calculus sequence or the other and cannot mix courses from both; they also cannot register simultaneously for separate courses within the two sequences.

- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211)
- Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212)
- Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)
- Algebra (MATH-UA 343) or Honors Algebra I (MATH-UA 348)

The remaining three mathematics courses must include two of the following: Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238), Mathematical Statistics (MATH-UA 234), Combinatorics (MATH-UA 240), Theory Of Numbers (MATH-UA 248), Mathematical Modeling (MATH-UA 251), Numerical Analysis (MATH-UA 252), Linear and Nonlinear Optimization (MATH-UA 253), Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268), Partial Differential Equations (MATH-UA 263), Chaos And Dynamical Systems (MATH-UA 264), Functions of a Complex Variable (MATH-UA 282), Honors Analysis II (MATH-UA 329), Honors Algebra II (MATH-UA 349), Topology (MATH-UA 375), Differential Geometry (MATH-UA 377), Honors I (MATH-UA 393), Honors II (MATH-UA 394), Honors III (MATH-UA 397), or Honors IV (MATH-UA 398).

Note: if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements. In addition, all mathematics electives for the joint major must be numbered at or above MATH-UA 120.

The computer science requirements (eight courses/32 points) are as follows:

- Introduction to Computer Science (CSCI-UA 101)
- Data Structures (CSCI-UA 102)
- Computer Systems Organization (CSCI-UA 201)
- Operating Systems (CSCI-UA 202)
- Basic Algorithms (CSCI-UA 310)
- Numerical Computing (CSCI-UA 421)
- Two computer science electives at the 400 level
Students who take Numerical Analysis (MATH-UA 252) as one of their mathematics electives for this major must contact the director of undergraduate studies in computer science before registering for Numerical Computing (CSCI-UA 421).

**Joint Major in Data Science and Mathematics**

The prerequisite for declaring this major is completion of either DS-UA 111 or 112 (depending on placement) with a C or better. Offered by the Center for Data Science and the Courant Institute of Mathematical Sciences, this interdisciplinary major trains students to use data science methods, and enables them to understand the mathematical theories that go into the analysis of large data sets. It will allow students to apply mathematical theories to real-world challenges that need data science and computational solutions.

The joint major requires 18 courses (72 points) taken in three departments: data science, mathematics, and computer science. A grade of C or higher is required in all courses used to fulfill joint major requirements (courses taken under the Pass/Fail option cannot be counted toward the major).

The data science requirements (five courses/20 points) are as follows:
- Data Science for Everyone (DS-UA 111)
- Introduction to Data Science (DS-UA 112)
- Causal Inference (DS-UA 201)
- Responsible Data Science (DS-UA 202)
- Advanced Topics in Data Science (DS-UA 301)

The mathematics requirements (nine courses/36 points) are as follows:
- Discrete Mathematics (MATH-UA 120)
- Calculus I (MATH-UA 121)
- Calculus II (MATH-UA 122)
- Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238)
- Mathematical Statistics (MATH-UA 234)
- Numerical Analysis (MATH-UA 252)
- Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)

The computer science requirements (four courses/16 points) are as follows:
- Introduction to Computer Science (CSCI-UA 101)
- Data Structures (CSCI-UA 102)
- Introduction to Machine Learning (CSCI-UA 473)
- Data Management and Analysis (CSCI-UA 479)

**Joint Major in Economics and Mathematics**

An interdisciplinary major (eighteen courses/72 points) offered jointly by the Departments of Economics and Mathematics. In the economics department, joint majors with mathematics must follow the theory concentration. Nine courses must be taken in each department. Students may double-count no more than two courses towards both this joint major and the requirements of another major or minor. Courses taken under the Pass/Fail option cannot be counted toward the major. A grade of C or higher is necessary in all courses used to fulfill joint major requirements. Interested students should consult with the director of undergraduate studies in both departments for additional information.
The nine mathematics courses (36 points) must all be numbered MATH-UA 121 or higher, and must include these five courses. Note that students must choose one calculus sequence or the other and cannot take courses from both; the Mathematics for Economics sequence is the preferred sequence for this joint major. Students also cannot register simultaneously for separate courses within the two sequences.

- Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121)
- Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) or Calculus II (MATH-UA 122)
- Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) or Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)

Four additional courses must be completed from the following choices: Theory of Probability (MATH-UA 233) or Honors Theory of Probability (MATH-UA 238), Mathematical Statistics (MATH-UA 234), Probability and Statistics (MATH-UA 235), Combinatorics (MATH-UA 240), Theory of Numbers (MATH-UA 248), Mathematics of Finance (MATH-UA 250), Mathematical Modeling (MATH-UA 251), Numerical Analysis (MATH-UA 252), Linear and Nonlinear Optimization (MATH-UA 253), Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268), Partial Differential Equations (MATH-UA 263), Chaos and Dynamical Systems (MATH-UA 264), Functions of a Complex Variable (MATH-UA 282), Honors Analysis II (MATH-UA 329), Algebra (MATH-UA 343) or Honors Algebra I (MATH-UA 348), Honors Algebra II (MATH-UA 349), Topology (MATH-UA 375), Differential Geometry (MATH-UA 377), Honors I (MATH-UA 393), Honors II (MATH-UA 394), Honors III (MATH-UA 397), or Honors IV (MATH-UA 398).

Note that if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements.

The economics requirements (nine courses/36 points) are as follows:
- Introduction to Macroeconomics (ECON-UA 1)
- Introduction to Microeconomics (ECON-UA 2)
- Microeconomics (ECON-UA 11)
- Macroeconomics (ECON-UA 13)
- Analytical Statistics (ECON-UA 20) or Mathematical Statistics (MATH-UA 234); students taking the MATH-UA 234 option must complete one additional ECON-UA elective (four total).
- Introduction to Econometrics (ECON-UA 266)
- Plus any three economics elective courses, at least two of which must be theory electives numbered ECON-UA 300 to 399.

**Minor in Mathematics**

The requirements are four 4-point courses (16 points) in the department, numbered MATH-UA 120 or higher. Courses from the sequences Calculus I, II, III (MATH-UA 121, 122, 123) and Math for Economics I, II, III (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213) cannot both be applied to the mathematics minor; students must choose one calculus sequence or the other and cannot take courses from both. They also cannot register simultaneously for separate courses within the two sequences. Although courses transferred from other colleges may count towards the minor with departmental approval, at least two courses for the minor must be taken at New York University.
Students pursuing majors and/or other minors that require mathematics courses may follow this minor, as long as two of the four courses do not apply simultaneously to the requirements for their major and/or minor.

Courses taken under the Pass/Fail option are not counted toward the minor. A grade of C or higher is required in all courses counting for the minor. Advisers are available for consultation on minor requirements before and during registration; students should consult an adviser if they have any doubt about which courses fulfill their requirements.

**Joint Minor in Computer Science and Mathematics**

The prerequisite for declaring this minor is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. The requirements are these four courses (16 points):
- Calculus I and II (MATH-UA 121, 122), or Mathematics for Economics I and II (MATH-UA 131, 132; formerly MATH-UA 211, 212). Students must choose one calculus sequence or the other and cannot take courses from both. They also cannot register simultaneously for separate courses within the two sequences.
- Introduction to Computer Science (CSCI-UA 101)
- Data Structures (CSCI-UA 102)

A grade of C or higher is required for courses to count toward the minor. Courses taken under the Pass/Fail option are not counted towards the minor. Students who wish to double-count courses for the math portion of the minor and another requirement may count at most two such courses toward the minor. At least two of the courses in total and at least one of the math courses must be taken in residence at New York University.

**Minor in Advanced Mathematical Methods (for Students in Stern)**

The advanced mathematical methods minor (open only to Stern undergraduates) consists of four courses (typically 15 points) completed with a grade of C or higher. It provides students with mathematical tools to handle complex business problems. The requirements are as follows:
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Numerical Analysis (MATH-UA 252) or Numerical Methods I (MATH-GA 2010)
- Introduction to the Theory of Probability (STAT-UB 14)
- One course chosen from:
  - Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268)
  - Partial Differential Equations (MATH-UA 263)
  - Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)
  - Statistical Inference and Regression Analysis (STAT-UB 15)
  - Introduction to Stochastic Processes (STAT-UB 21)

Students must take at least one Stern course (typically 3 points) to complete the minor. If a student has completed a CAS course in probability, STAT-UB 14 should not be taken. Either STAT-UB 15 or STAT-UB 21 should be substituted. Students who have the equivalent of MATH-UA 140 should substitute a more advanced course from the list above.

**Honors Program in Mathematics**

The honors program is designed for students with a strong commitment to mathematics and is recommended for those who intend to pursue graduate study in this field. The requirements for admission into the honors program are (1) a GPA of 3.65 or higher in the major (including joint
honors requirements), (2) an overall GPA of 3.65 or higher, and (3) approval of the director of the honors program. Interested students should consult with the faculty honors adviser.

Like the regular major, the honors major consists of thirteen 4-point courses (52 points). However, students in the honors program must fulfill the requirements of the regular program together with the following additional requirements.

**Honors electives:** Honors majors must take at least four of the following 4-point courses:
- Honors Theory of Probability (MATH-UA 238)
- Honors Ordinary Differential Equations (MATH-UA 268)
- Honors Analysis I (MATH-UA 328)
- Honors Analysis II (MATH-UA 329)
- Honors Algebra I (MATH-UA 348)
- Honors Algebra II (MATH-UA 349)
- Honors I (MATH-UA 393)
- Honors II (MATH-UA 394)
- Honors III (MATH-UA 397)
- Honors IV (MATH-UA 398)

Where applicable, the same course counts toward both the advanced electives requirement of the regular major and the honors electives. Students who have taken Analysis (MATH-UA 325) or Algebra (MATH-UA 343) may not take the corresponding Honors Analysis I (MATH-UA 328) or Honors Algebra I (MATH-UA 348) to fulfill this requirement.

**Honors research project:** Honors students must also complete a senior research project and present it at the College’s Undergraduate Research Conference in the spring. Students must register for two semesters of independent study (MATH-UA 997, 998) under faculty supervision and obtain approval of their research project from the faculty honors advisor, director of undergraduate studies, or vice chair of undergraduate affairs. The research project can also be completed through the mathematics summer research program (SURE or AM-SURE). Students who participate in the SURE program are required to present their research at the undergraduate research forum at Courant in the fall semester of their senior year.

**Joint Honors Program in Computer Science and Mathematics**

The prerequisite for declaring this major is completion of either CSCI-UA 101 or 102 (depending on placement) with a C or better. This is a twenty-course (80-point) interdisciplinary major offered by the Departments of Computer Science and Mathematics. A 3.65 overall GPA and a 3.65 average in computer science and mathematics courses are required. Students interested in graduate or professional school are especially urged to pursue honors. Interested students must consult with the directors of undergraduate studies in both departments for advisement and for permission to enter the honors program. Ideally, students should speak to the Departments of Computer Science and Mathematics early in their sophomore year to begin planning for honors.

The mathematics requirements (ten courses/40 points) are as follows:
- Calculus I (MATH-UA 121)
- Calculus II (MATH-UA 122)
- Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 128)
- Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
- Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328)
- Honors Analysis II (MATH-UA 329)
- Algebra (MATH-UA 343) or Honors Algebra I (MATH-UA 348)
• Honors Algebra II (MATH-UA 349)
• Two honors courses chosen from Honors Theory of Probability (MATH-UA 238), Honors Ordinary Differential Equations (MATH-UA 268), Honors I (MATH-UA 393), Honors II (MATH-UA 394), Honors III (MATH-UA 397), or Honors IV (MATH-UA 398).

The computer science requirements (ten courses/40 points) are as follows:
• Introduction to Computer Science (CSCI-UA 101)
• Data Structures (CSCI-UA 102)
• Computer Systems Organization (CSCI-UA 201)
• Operating Systems (CSCI-UA 202)
• Basic Algorithms (CSCI-UA 310)
• Numerical Computing (CSCI-UA 421)
• Theory of Computation (CSCI-UA 453)
• Three computer science courses listed at the CSCI-UA 400 level

Guided research, sponsored by either department, should be presented at the Dean’s Undergraduate Research Conference which takes place in late April. Students are expected to dedicate 10 to 20 hours per week toward their research. The research project can also be completed through the mathematics summer research program (SURE or AM-SURE). Students who participate in the SURE program are required to present their research at the undergraduate research forum at Courant in the fall semester of their senior year.

**Joint Honors Program in Economics and Mathematics**

Honors students are required to take twenty courses (80 points). A 3.65 overall GPA and a 3.65 average in economics and mathematics courses are required. Honors students must participate in a year-long research program in their senior year and write a thesis under faculty supervision. Students interested in graduate or professional school are especially urged to pursue honors. Interested students must consult with the directors of undergraduate studies in both departments for advisement and for permission to enter the honors program. Ideally, students should speak to the Departments of Economics and Mathematics early in their sophomore year to begin planning for honors. Note that students may satisfy their research requirement with either the economics honors sequence (ECON-UA 410 and 450), mathematics Independent Study (MATH-UA 997 and 998), or the SURE or AM-SURE program in the Department of Mathematics.

The economics requirements (eleven courses/44 points) are as follows:
• Introduction to Macroeconomics (ECON-UA 1)
• Introduction to Microeconomics (ECON-UA 2)
• Microeconomic Analysis (ECON-UA 11)
• Macroeconomic Analysis (ECON-UA 13)
• Analytical Statistics (ECON-UA 20) if not taking Mathematical Statistics (MATH-UA 234)
• Introduction to Econometrics (ECON-UA 266)
• Plus any three economics elective courses, at least two of which must be theory electives numbered ECON-UA 300-399. Note that students who take MATH-UA 234 instead of ECON-UA 20 for the statistics requirement must take a total of four ECON-UA electives.
• The two honors courses, Honors Tutorial (ECON-UA 410) and Honors Thesis (ECON-UA 450); alternates: Independent Study (MATH-UA 997 and 998), or the SURE or AM-SURE programs in the Department of Mathematics.

The mathematics requirements (nine courses/36 points) are as follows:
• Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or Calculus I (MATH-UA 121)
• Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) or Calculus II
• Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) or Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129)
• Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148)
• Honors Analysis I (MATH-UA 238)
• Two electives from the following:
  ○ Theory of Probability (MATH-UA 233), or Honors Theory of Probability (MATH-UA 238) if not taken in the honors elective category (below)*
  ○ Mathematical Statistics (MATH-UA 234)*
  ○ Probability and Statistics (MATH-UA 235)*
  ○ Combinatorics (MATH-UA 240)
  ○ Theory of Numbers (MATH-UA 248)
  ○ Mathematics of Finance (MATH-UA 250)
  ○ Mathematical Modeling (MATH-UA 251)
  ○ Numerical Analysis (MATH-UA 252)
  ○ Linear and Nonlinear Optimization (MATH-UA 253)
  ○ Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268) if not taken in the honors elective category (below)
  ○ Partial Differential Equations (MATH-UA 263)
  ○ Chaos and Dynamical Systems (MATH-UA 264)
  ○ Functions of a Complex Variable (MATH-UA 282)
  ○ Topology (MATH-UA 375)
  ○ Differential Geometry (MATH-UA 377)
• Two honors electives from the following:
  ○ Honors Theory of Probability (MATH-UA 238)
  ○ Honors Ordinary Differential Equations (MATH-UA 268)
  ○ Honors Analysis II (MATH-UA 329)
  ○ Honors Algebra I and/or II (MATH-UA 348, 349)
  ○ Honors I, II, III, and/or IV (MATH-UA 393, 394, 397, 398)

*Note that if MATH-UA 235 is taken, then MATH-UA 233 or MATH-UA 238 and/or MATH-UA 234 may not be counted toward the major requirements; also note that if MATH-UA 233 or MATH-UA 238 and/or 234 is taken, then MATH-UA 235 may not be counted toward the major requirements.

**Accelerated B.A./M.S. Program in Mathematics**

The College and the Graduate School of Arts and Science offer students the opportunity to obtain both bachelor’s and master’s degrees in mathematics in five years. Qualifying students are accepted into the program toward the end of the sophomore year or during the junior year before they reach 96 credits. Students must have a minimum 3.50 GPA in order to qualify for acceptance. During their last few undergraduate semesters, students must accelerate by taking one quarter of their graduate courses during regular terms and/or during the summer. Students in the program must satisfy all requirements of both the bachelor’s and master’s degrees; there is no double-counting of courses. In the graduate portion of the program, they can qualify for a scholarship covering up to 50 percent of the tuition for the master’s degree. For more information, please contact the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

**Joint B.S./B.S. Program in Mathematics and Engineering**

The College of Arts and Science, in cooperation with the NYU Tandon School of Engineering,
offers a joint B.S./B.S. program in engineering. Students in the program receive the B.S. degree in mathematics from CAS and the B.S. degree in either civil, computer, electrical, or mechanical engineering from the Tandon School of Engineering. Further information and advisement are available from the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

**Study Away**

Students majoring and minoring in the Department of Mathematics can spend a semester studying abroad at one of the many academic centers run by NYU Global Programs. Currently, mathematics can be studied at NYU Abu Dhabi, NYU London, NYU Paris, and NYU Shanghai. Students planning study away should make their plans and speak to an adviser early in their NYU careers.

**Departmental Activities and Awards**

**Mathematics Society**

Open to all students interested in the study of mathematics. An organizational meeting is held shortly after classes begin in the fall to plan for the coming academic year. Activities include talks by faculty and guest speakers on a variety of topics as well as attending conferences.

**Association for Women in Mathematics (AWM)**

The mission and purpose of AWM’s NYU chapter is to increase interest in the mathematical sciences and their applications in various industries. It focuses on mentoring, encouraging and bringing together women undergraduates in mathematics to increase the visibility of women and their contributions in the discipline.

**The Society for Industrial and Applied Mathematics (NYU SIAM)**

NYU SIAM is open to all undergraduate and graduate students interested in mathematics regardless of major or background. NYU SIAM creates a space for students to come together and discuss topics significant to the learning of mathematics by engaging them with a diverse range of topics and opportunities in math and its related fields; and providing opportunities for mentorship, workshops, and cross-school collaboration.

**William Lowell Putnam Competition**

The department participates in this annual competition open to all undergraduate mathematics students in the United States and Canada. Interested students should contact the department as early as possible in the school year, as the contest takes place in early December. A series of preparation sessions is held under the supervision of mathematics faculty.

**Mathematical Contest in Modeling (MCM)**

In this contest, teams of undergraduates use mathematical modeling to present their solutions to real-world problems. Interested students should contact the department as early as possible in the school year.

**Interdisciplinary Contest in Modeling (ICM)**

An international contest for high school students and college undergraduates (an extension of the MCM) designed to develop problem-solving skills and competence in written communication. Registration for ICM is via MCM.

**Peer Mentor Program**

The mathematics department has an active peer mentor program for mathematics majors. The
program is designed to assist new students in making the transition to the mathematics major and life at NYU. If interested in becoming a mentor or mentee, please contact the department.

SURE Program

Since the spring 2000 semester, the department has sponsored a number of summer research experiences (SURE) for a selected number of undergraduate math majors. The Summer Undergraduate Research Experience is aimed at mathematics students in their junior year. The project ends with a written report and an oral presentation in the beginning of the fall semester. Funding is limited and student participants are chosen by a faculty committee based on grades, coursework, and “fit” between their research interests and those of the supervising faculty. Students must have a faculty mentor and research topic to apply.

AM-SURE

A summer research program for undergraduate students interested in applied mathematics, both modeling and simulation. The main goal is for each student to complete a research project under the joint guidance of graduate students, postdocs, and faculty in the mathematics department at NYU. Some projects will involve theoretical modeling and computer simulation, and others may involve Courant’s Applied Math Lab, where students will help conduct experiments to validate models and simulations. The program will include a set of coherent activities such as frequent group academic meetings and social gatherings.

Awards

Departmental awards include the Hollis Cooley Memorial Prize, Mathematics Award, and the Mathematics Award for Academic Achievement.

COURSES

Please note the following:

• Beginning with the fall 2022 semester, Algebra and Calculus (MATH-UA 9) is retitled as Algebra, Trigonometry, and Functions. There is no change to the content or level of the course. It is a course in precalculus and does not include any calculus.
• Beginning with the fall 2022 semester, the Mathematics for Economics I, II, III course sequence is renumbered as MATH-UA 131, 132, 133 (formerly MATH-UA 211, 212, 213). There is no change to the content or level of these courses, and they continue to satisfy the same major/minor requirements across the College.
• All SAT Subject Examinations (including those in mathematics, which are noted below as placing students into some MATH-UA courses) were discontinued as of January 2021 in the U.S. and after June 2021 internationally.

Algebra, Trigonometry, and Functions

MATH-UA 9  Formerly Algebra and Calculus. Prerequisite: high school mathematics or permission of the department. Offered every term. 4 points.
Serves as preparation for students who do not otherwise place into Discrete Mathematics (MATH-UA 120), Calculus I (MATH-UA 121), Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211), Linear Algebra (MATH-UA 140), Honors Linear Algebra (MATH-UA 148; an A- in MATH-UA 9 is required to enter MATH-UA 148), and some courses in other departments (such as chemistry and economics). Intermediate algebra and trigonometry; algebraic, exponential, logarithmic, and trigonometric functions and their graphs.

Discrete Mathematics

MATH-UA 120  Prerequisite: one of the following: a score of 670 or higher on the Mathematics portion of the SAT, an ACT mathematics score of 30 or higher, a score of 3 or higher on the AP Calculus AB exam or AB subscore, a score of 3 or higher on the AP Calculus BC exam, a grade of C or higher in Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: for students entering NYU prior to fall 2021: an IB Mathematics
SL score of 6 or higher, an IB Mathematical Studies SL score of 7, or an IB Mathematics HL score of 5; for students entering NYU in fall 2021 or later: an IB Analysis and Approaches SL score of 7, an IB Analysis and Approaches HL score of 5, or an IB Applications and Interpretations HL score of 5. Offered every term. 4 points. Sets, algorithms, and induction. Combinatorics. Graphs and trees. Combinatorial circuits. Logic and Boolean algebra.

**Calculus I**

MATH-UA 121 Prerequisite: one of the following: a score of 670 or higher on the Mathematics portion of the SAT, an ACT mathematics score of 30 or higher, a score of 3 or higher on the AP Calculus AB exam or AB subscore, a score of 3 or higher on the AP Calculus BC exam, a grade of C or higher in Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: an IB Analysis and Approaches HL score of 5; for students entering NYU prior to fall 2021: an IB Mathematics SL score of 6 or higher, an IB Mathematical Studies SL score of 7, or an IB Mathematics HL score of 5; for students entering NYU in fall 2021 or later: an IB Analysis and Approaches SL score of 7, an IB Analysis and Approaches HL score of 5, or an IB Applications and Interpretations HL score of 5. Offered every term. 4 points. Derivatives, antiderivatives, and integrals of functions of one variable. Applications include graphing, maximizing, and minimizing functions. Definite integrals and the fundamental theorem of calculus. Areas and volumes.

**Calculus II**

MATH-UA 122 Prerequisite: one of the following: Calculus I (MATH-UA 121) or equivalent with a grade of C or higher, a score of 4 or higher on the AP Calculus AB or BC exam, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: an IB Analysis and Approaches HL score of 6 or an IB Applications and Interpretations HL score of 6. Offered every term. 4 points. Techniques of integration. Further applications. Plane analytic geometry. Polar coordinates and parametric equations. Infinite series, including power series.

**Calculus III**

MATH-UA 123 Prerequisite: one of the following: Calculus II (MATH-UA 122) or equivalent with a grade of C or higher, a score of 5 on the AP Calculus BC exam, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: an IB Analysis and Approaches HL score of 7. Offered every term. 4 points. Functions of several variables. Vectors in the plane and space. Partial derivatives with applications. Double and triple integrals. Spherical and cylindrical coordinates. Surface and line integrals. Divergence, gradient, and curl. Theorem of Gauss and Stokes.

**Honors Calculus III**

MATH-UA 129 Prerequisite: one of the following: Calculus II (MATH-UA 122) with a grade of A- or higher or an equivalent, a score of 5 on the Advanced Placement Calculus BC examination. Also acceptable as a prerequisite: an IB Analysis and Approaches HL score of 7. Offered in the fall and spring. 4 points. Covers more material, with more rigor and at a faster pace, than Calculus III (MATH-UA 123). Functions of several variables. Vectors in the plane and space. Partial derivatives with applications, especially Lagrange multipliers. Double and triple integrals. Spherical and cylindrical coordinates. Surface and line integrals. Divergence, gradient, and curl. Theorem of Gauss and Stokes.

**Mathematics for Economics I**

MATH-UA 131 Formerly MATH-UA 211. Prerequisite: completion of Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) with a C or higher, or placement by departmental exam. Only for declared and prospective majors in economics. Economics majors pursuing a double or joint major in mathematics may substitute MATH-UA 131, 132, and 133 for the regular calculus sequence. Cannot apply both standard calculus courses and Mathematics for Economics courses toward the mathematics major. Offered every term. 4 points. A continuation of Mathematics for Economics I. Matrix algebra; eigenvalues; ordinary differential equations and stability analysis; multivariable integration; and (time permitting) dynamic optimization.

**Mathematics for Economics II**

MATH-UA 132 Formerly MATH-UA 212. Prerequisite: completion of Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) with a C or higher, or placement by departmental exam. Only for declared and prospective majors in economics. Economics majors pursuing a double or joint major in mathematics may substitute MATH-UA 131, 132, and 133 for the regular calculus sequence. Cannot apply both standard calculus courses and Mathematics for Economics courses toward the mathematics major. Offered every term. 4 points. Further topics in vector calculus. Vector spaces, matrix analysis, and linear and nonlinear programming with applica-
tions to game theory. Provides economics majors who have taken Mathematics for Economics I, II (MATH-UA 131, 132; formerly MATH-UA 211, 212) with prerequisite knowledge for higher-level mathematics courses.

**Linear Algebra**
MATH-UA 140  Prerequisite: one of the following: a score of 670 or higher on the Mathematics portion of the SAT, an ACT mathematics score of 30 or higher, a score of 3 or higher on the AP Calculus AB exam or AB subscore, a score of 3 or higher on the AP Calculus BC exam, a grade of C or higher in Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: an IB Analysis and Approaches SL score of 7, an IB Analysis and Approaches HL score of 5, or an IB Applications and Interpretations HL score of 5. Offered in the fall and spring. 4 points.


**Introduction to Computer Simulation**
MATH-UA 144  Identical to CSCI-UA 330. Prerequisite: Calculus I (MATH-UA 121) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors) with a grade of C or higher, and General Physics I (PHYS-UA 11). Offered in the spring. 4 points.

Simulations of planetary orbits, epidemic and endemic disease, musical stringed instruments, and urban traffic flow. Simulations are based on mathematical models, numerical methods, and Matlab programming techniques taught in class. Emphasizes use of animation (and sound where appropriate).

**Honors Linear Algebra**
MATH-UA 148  Prerequisite: one of the following: a score of 670 or higher on the Mathematics portion of the SAT, an ACT mathematics score of 30 or higher, a score of 3 or higher on the AP Calculus AB exam or AB subscore, a score of 3 or higher on the AP Calculus BC exam, a grade of A- or higher in Algebra, Trigonometry, and Functions (MATH-UA 9; formerly Algebra and Calculus) or equivalent, or a passing score on the departmental placement exam. Also acceptable as a prerequisite: an IB Analysis and Approaches SL score of 7, an IB Analysis and Approaches HL score of 5, or an IB Applications and Interpretations HL score of 5. Offered in the fall and spring. 4 points.

Intended for well-prepared students who have already developed some mathematical maturity. Includes usual Linear Algebra (MATH-UA 140) topics, but is accelerated, covers additional topics, and delves more deeply. Vector spaces, linear dependence, basis and dimension, matrices, determinants, solving linear equations, eigenvalues and eigenvectors, quadratic forms, applications such as optimization or linear regression.

**Earth’s Atmosphere and Ocean: Fluid Dynamics and Climate**
MATH-UA 228  Identical to ENVST-UA 360. Prerequisite: Calculus I (MATH-UA 121) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors) or equivalent with a grade of B- or higher, and familiarity with introductory physics (at least at the advanced high school level). Recommended: Calculus III (MATH-UA 123). Offered in the spring. 4 points.

The unifying principles of planetary fluid dynamics. Topics: global energy balance, convection and radiation (greenhouse effect), effects of planetary rotation (Coriolis force), structure of atmospheric circulation (Hadley cell and wind patterns), structure of oceanic circulation (wind-driven currents and thermohaline circulation), and climate and climate variability (including anthropogenic warming).

**Introduction to Fluid Dynamics**
MATH-UA 230  Identical to PHYS-UA 180. Prerequisite: Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors) with a grade of C or higher. Recommended: Mathematical Physics (PHYS-UA 106). Offered in the spring. 4 points.

Key concepts: formalism of continuum mechanics; conservation of mass, energy, and momentum in a fluid; Euler and Navier-Stokes equations; viscosity and vorticity. Concepts applied to potential flow around a cylinder, propagation of sound and gravity waves, and onset of instability in shear flow.

**Set Theory**
MATH-UA 232  Identical to PHIL-UA 73. Offered at the discretion of the Department of Philosophy. 4 points.

Boolean operations on sets; set-theoretic representation of relations, functions, and orderings; the natural numbers; theory of transfinite cardinal and ordinal numbers; the axiom of choice and its equivalents; and the foundations of analysis. May also cover large cardinals or independence results.

**Theory of Probability**
MATH-UA 233  Prerequisites: a grade of C or higher (B or higher strongly recommended) in Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors) or equivalent, and a grade of C or higher in Linear Algebra (MATH-UA 140), or equivalents. The course is intended for mathematics majors and other students with a strong interest in mathematics and requires fluency in multi-variable integration. Not open to students who have taken Probability
and Statistics (MATH-UA 235). Offered every term. 4 points. Mathematical techniques of random phenomena occurring in the natural, physical, and social sciences. Axioms of mathematical probability, combinatorial analysis, binomial distribution, Poisson and normal approximation, random variables and probability distributions, generating functions, Markov chains, and applications.

**Mathematical Statistics**

MATH-UA 234  Prerequisite: a grade of C or higher in Theory of Probability (MATH-UA 233) or equivalent. Not open to students who have taken Probability and Statistics (MATH-UA 235). Offered in the fall and spring. 4 points. Mathematical foundations and techniques of statistical analysis used in the interpretation of data in quantitative sciences. Mathematical theory of sampling; normal populations and distributions; chi-square, t, and F distributions; hypothesis testing; estimation; confidence intervals; sequential analysis; correlation, regression, and analysis of variance. Applications to the sciences.

**Probability and Statistics**

MATH-UA 235  Prerequisite: a grade of C or higher in Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors), or equivalent. Not open to students who have taken Theory of Probability (MATH-UA 233) or Mathematical Statistics (MATH-UA 234). Offered in the spring. 4 points. Combination of MATH-UA 233 and 234 at an elementary level to acquaint students with both probability and statistics in a single term. In probability: mathematical treatment of chance; combinatorics; binomial, Poisson, and Gaussian distributions; law of large numbers and the normal distribution; application to coin-tossing; radioactive decay. In statistics: sampling; normal and other useful distributions; testing of hypotheses; confidence intervals; correlation and regression; applications to scientific, industrial, and financial data.

**Honors Theory of Probability**

MATH-UA 238  Prerequisites: Discrete Mathematics (MATH-UA 120), either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), all completed with a B+ or higher. Not open to students who have taken Theory of Probability (MATH-UA 233) or Probability and Statistics (MATH-UA 235). Offered in the spring. 4 points. Covers more material, with more rigor and at a faster pace, than Theory of Probability (MATH-UA 233). Covers discrete and continuous probability and the most fundamental limit theorems (law of large numbers and central limit theorem).

**Combinatorics**

MATH-UA 240  Prerequisite: Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors) with a grade of C or higher, or equivalent. Offered every spring. 4 points. Techniques for counting and enumeration, including generating functions, the principle of inclusion and exclusion, and Polya counting. Graph theory. Modern algorithms and data structures for graph theoretic problems.

**Theory of Numbers**

MATH-UA 248  Prerequisite: Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors) with a grade of C or higher, or equivalent. Offered in the fall. 4 points. Divisibility and prime numbers. Linear and quadratic congruences. The classical number-theoretic functions. Continued fractions. Diophantine equations.

**Mathematics of Finance**

MATH-UA 250  Prerequisites: either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and one of the following: Theory of Probability (MATH-UA 233), Probability and Statistics (MATH-UA 234), Statistics (ECON-UA 18), or Analytical Statistics (ECON-UA 20) with a grade of C+ or higher, and/or permission of the instructor. Offered in the fall and spring. 4 points. Linear programming with application to pricing. Interest rates and present value. Basic probability, random walks, central limit theorem, Brownian motion, log-normal model of stock prices. Black-Scholes theory of options. Dynamic programming with application to portfolio optimization.

**Introduction to Mathematical Modeling**

MATH-UA 251  Prerequisite: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors) or permission of the instructor. Offered in the fall and spring. 4 points. Dimensional analysis, optimization, simulation, probability, and elementary differential equations are applied to natural and social sciences. Necessary mathematical and scientific background is developed as needed.

**Numerical Analysis**

MATH-UA 252  Prerequisites: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and either a grade of B- or higher in Linear Algebra (MATH-UA 148) or Analytical Statistics (ECON-UA 20) with a grade of C+ or higher, and/or permission of the instructor. Offered in the fall and spring. 4 points. Numerical linear algebra, optimization, simulation, and applications.
140) or a grade of C or higher in Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the fall and spring. 4 points.

Computer analysis and solutions of mathematical problems. Theory and practical examples using Matlab are combined to explore topics ranging from simple root-finding procedures to differential equations and the finite element method.

**Linear and Nonlinear Optimization**
MATH-UA 253  Prerequisites: a grade of C or higher in Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors) or the equivalent, and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148) or the equivalent. 4 points.

An application-oriented introduction to linear programming and convex optimization. Numerical implementations often require programming (no experience necessary). Algorithmic topics: the simplex method for linear programming, techniques for smooth multidimensional optimization, solution techniques for L1-type optimizations, and stochastic gradient descent. Applications in economics, data science, and operations research.

**Mathematics in Medicine and Biology**
MATH-UA 255  Identical to BIOL-UA 255. Prerequisites: either Calculus I (MATH-UA 121) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors) and Principles of Biology I (BIOL-UA 11), or permission of the instructor. Offered in the fall. 4 points.

Primarily for prehealth students. Topics include control of the heart, optimal principles in the lung, cell membranes, electrophysiology, countercurrent exchange in the kidney, acid-base balance, cardiac catheterization, and computer diagnosis. Material from the physical sciences is introduced and developed as needed.

**Computers in Medicine and Biology**
MATH-UA 256  Identical to BIOL-UA 256. Prerequisite: Mathematics in Medicine and Biology (MATH-UA 255) with a grade of C or higher, or permission of the instructor. Familiarity with a programming language such as Pascal, Fortran, or BASIC is recommended. Offered in the spring. 4 points.

Introduces the student of biology or mathematics to the use of computers as tools for modeling physiological phenomena. Construction of computer models (circulation, gas exchange in the lung, control of cell volume, renal countercurrent mechanism). Simulated physiological experiments.

**Ordinary Differential Equations**
MATH-UA 262  Prerequisites: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the fall and spring. 4 points.


**Partial Differential Equations**
MATH-UA 263  Prerequisite: a grade of C or higher in Ordinary Differential Equations (MATH-UA 262) or Honors Ordinary Differential Equations (MATH-UA 268) or equivalent. Offered in the fall and spring. 4 points.

The wave equation, the diffusion equation, and Laplace’s equation. Nonlinear conservation laws and the theory of shock waves. Applications to physics, chemistry, biology, and population dynamics.

**Chaos and Dynamical Systems**
MATH-UA 264  Prerequisites: a grade of C or higher in either Calculus II (MATH-UA 122) or Mathematics for Economics II (MATH-UA 132; formerly MATH-UA 212) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the spring. 4 points.

Dynamics of maps and of first-order and second-order differential equations: stability, bifurcations, limit cycles, and dissection of systems with fast and slow timescales. Geometric viewpoint, including phase planes. Chaotic behavior introduced in the context of one-variable maps (the logistic, fractal sets, etc. Applications from physics and biology. Computer lab sessions.

**Honors Ordinary Differential Equations**
MATH-UA 268  Prerequisite: An A- or higher in Analysis (MATH-UA 325) or a B+ or higher in Honors Analysis I (MATH-UA 328). Offered in the fall. 4 points.

Examines the existence and uniqueness of solutions to ODEs for both linear and nonlinear problems, set on the real line or the complex plane. Behavior of the solutions, with possible connections to dynamical systems theory. Applications in physics and biology.

**Functions of a Complex Variable**
MATH-UA 282  Prerequisites: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the spring. 4 points.

Complex numbers and complex functions. Differentiation and the

Analysis
MATH-UA 325 Prerequisites: a grade of C or higher in either Calculus III (MATH-UA 123) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the fall and spring. 4 points.

Rigorous analysis on the real line. Topics: the real number system, sequences and series of numbers, functions of a real variable (continuity and differentiability), the Riemann integral, basic topological notions in a metric space, and sequences and series of functions (including Taylor and Fourier series).

Honors Analysis I
MATH-UA 328 Prerequisites: a grade of A- or higher in either Calculus III (MATH-UA 123) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) and Honors Linear Algebra (MATH-UA 148). Offered in the fall and spring. 4 points.

Rigorous treatment of the foundations of real analysis in one variable, based entirely on proofs. Topics: properties of the real number system, sequences, continuous functions, topology of the real line, compactness, derivatives, the Riemann integral, sequences of functions, uniform convergence, infinite series, and Fourier series. Additional topics may include: Lebesgue measure and integral on the real line, metric spaces, and analysis on metric spaces.

Honors Analysis II
MATH-UA 329 Prerequisites: either a grade of C or higher in Honors Analysis I (MATH-UA 328) or a grade of A in Analysis (MATH-UA 325) with permission of instructor, and Honors Linear Algebra (MATH-UA 148) with a grade of C or higher, or the equivalents. Offered in the spring. 4 points.

Metric spaces, differentiation of functions of several real variables, the implicit and inverse function theorems, Riemann integral on \( \mathbb{R}^n \), Lebesgue measure on \( \mathbb{R}^n \), the Lebesgue integral.

Algebra
MATH-UA 343 Prerequisites: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Offered in the fall and spring. 4 points.

Introduction to abstract algebraic structures, including groups, rings, and fields. Sets and relations. Congruences and unique factorization of integers. Groups, permutation groups, group actions, homomorphisms and quotient groups, direct products, classification of finitely generated abelian groups, Sylow theorems. Rings, ideals and quotient rings, Euclidean rings, polynomial rings, unique factorization.

Honors Algebra II
MATH-UA 349 Prerequisite: a grade of C or higher in Honors Algebra I (MATH-UA 348), or a grade of A in Algebra (MATH-UA 343) and permission of instructor. Offered in the spring. 4 points.

Principal ideal domains, polynomial rings in several variables, unique factorization domains. Fields, finite extensions, constructions with ruler and compass, Galois theory, solvability by radicals.

Topology
MATH-UA 375 Prerequisite: a grade of C or higher in Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328) or permission of the department. Offered in the spring. 4 points.

Metric spaces, topological spaces, compactness, connectedness. Covering spaces and homotopy groups.

Differential Geometry
MATH-UA 377 Prerequisite: a grade of C or higher in either Calculus III (MATH-UA 123) or Honors Calculus III (MATH-UA 129) or Mathematics for Economics III (MATH-UA 133; formerly MATH-UA 213) (for economics majors), and a grade of C or higher in either Linear Algebra (MATH-UA 140) or Honors Linear Algebra (MATH-UA 148), or equivalents. Recommended: Analysis (MATH-UA 325) or Honors Analysis I (MATH-UA 328). Offered in the spring. 4 points.

The geometry of curves and surfaces in Euclidean space. Frenet formulas, the
isoperimetric inequality, local theory of surfaces in Euclidean space, first and second fundamental forms. Gaussian and mean curvature, isometries, geodesics, parallelism, the Gauss-Bonnet Theorem.

Topics Courses

Special Topics
MATH-UA 395, 396 Topics determine prerequisites. Offered in the fall and spring respectively. 4 points. Topics vary by semester.

Honors Topics Courses

Honors I
MATH-UA 393 Prerequisite: permission of the department. May be repeated once for credit as topics change. Offered in the fall of even years. 4 points. Advanced topics, which vary yearly.

Honors II
MATH-UA 394 Prerequisite: permission of the department. May be repeated once for credit as topics change. Offered in the spring of odd years. 4 points. Advanced topics, which vary yearly.

Honors III
MATH-UA 397 Prerequisite: permission of the department. May be repeated once for credit as topics change. Offered in the fall of odd years. 4 points. Advanced topics, which vary yearly.

Honors IV
MATH-UA 398 Prerequisite: permission of the department. May be repeated once for credit as topics change. Offered in the spring of even years. 4 points. Advanced topics, which vary yearly.

Internship and Independent Study

Internship
MATH-UA 897, 898 Prerequisite: permission of the department. Student must be a declared mathematics major, have a mathematics GPA of 3.5 and an overall GPA of 3.0, and have at least half of the mathematics major courses completed. Offered every term. 2 or 4 points per term. Students must complete an online enrollment request form (contact the department for details) and have the approval of the director of undergraduate studies.

Independent Study
MATH-UA 997, 998 Prerequisite: permission of the department. 2 or 4 points per term. Students must have a faculty sponsor and submit a research proposal to the director of undergraduate studies.

Graduate Courses Open to Undergraduates

Qualified students may take certain mathematics courses in the Center for Data Science (CDS) and the Graduate School of Arts and Science (GSAS), provided they obtain permission from the director of undergraduate studies or vice chair for undergraduate affairs. A few such courses are listed below. Students should consult the GSAS Bulletin and the websites of the CDS and Department of Mathematics for prerequisites, points per course, and descriptions. If these courses are used toward fulfillment of the requirements for the baccalaureate degree, no advanced graduate-level credit is allowed for them in CNS or GSAS.

CENTER FOR DATA SCIENCE
Introduction to Data Science
DS-GA 1001

Statistical and Mathematical Methods
DS-GA 1002

DEPARTMENT OF MATHEMATICS
Computing in Finance
MATH-GA 2041

Scientific Computing
MATH-GA 2043

Computational Methods for Finance
MATH-GA 2045

Advanced Econometric Modeling and Big Data
MATH-GA 2046

Scientific Computing in Finance
MATH-GA 2048

Topology I
MATH-GA 2310

Differential Geometry I
MATH-GA 2350

Ordinary Differential Equations
MATH-GA 2470

Partial Differential Equations I
MATH-GA 2490

Fluid Dynamics
MATH-GA 2702

Applied Stochastic Analysis
MATH-GA 2704

Time Series Analysis and Statistical Arbitrage
MATH-GA 2707

Algorithmic Trading and Quantitative Strategies
MATH-GA 2708

Mechanics
MATH-GA 2710
Risk and Portfolio Management with Econometrics
MATH-GA 2751

Active Portfolio Management
MATH-GA 2752

Advanced Risk Management
MATH-GA 2753

Regulation and Regulatory Risk Models
MATH-GA 2757

Derivative Securities
MATH-GA 2791

Continuous Time Finance
MATH-GA 2792

Securitized Products and Energy Derivatives
MATH-GA 2796

Credit Markets and Models
MATH-GA 2797

Interest Rates & Fx Models
MATH-GA 2798

Basic Probability
MATH-GA 2901

Stochastic Calculus
MATH-GA 2902
PROGRAM IN

Medieval and Renaissance Studies

as.nyu.edu/marc
19 University Place, Room 331,
New York, NY 10003-4573
212-998-8651

Director of the Program
Professor Rust

OVERVIEW

The undergraduate program in medieval and Renaissance studies (MARS) is part of the Medieval and Renaissance Center (MARC). It focuses on the history, institutions, languages, literatures, thought, faith, art, and music of Europe, the Atlantic, and the Mediterranean world from the collapse of Roman authority to about 1700 C.E. It is during this important period—which transmitted the classical heritage—that the social, artistic, intellectual, and scientific culture of present-day Europe and the Middle East was formed.

The MARS curriculum links undergraduates with NYU’s outstanding humanities faculty; with the superb libraries, museums, and collections in the New York area; and with musical and theatrical performances of works from this period that are given regularly in the city. It also enriches students’ experience in CAS study away programs. Students design their own programs in consultation with the program director and faculty, receiving individualized attention from a center of excellence situated within a great university and a vibrant city.

MARS majors have gone on to graduate work in medieval studies, early modern studies, archival and museum studies, religious studies, history, art history, music, and literature and language studies, as well as to professional schools (medicine, law, management) and careers in business and education.

FACULTY

Professors Emeriti
Bonfante (Classics)
Carruthers (English)
Freeman-Sandler (Art History)
Gans (Chemistry)
Halpern (English)
Hyman (Art History)
Ivry (Hebrew and Judaic Studies)
Javitch (Comparative Literature)
P. Johnson (History)
Kupperman (History)
Longuenesse (Philosophy)
Peirce (History)
Regalado (French)

Reiss (Comparative Literature)
Roesner (Music)
Rowson (Middle Eastern and Islamic Studies)
Tylus (Italian/Comparative Literature)
Vitz (French)

Professors
Archer (English)
Ardizzone (Italian)
Becker (Religious Studies/ Classics)
Bedos-Rezak (History)
Bolduc (French)
Bolzoni (Italian)
Cornish (Italian)
Cox (Italian)
Cusick (Music)
Dinshaw (Social and Cultural Analysis/English)
Fleming (English)
Flood (Art History)
Garrett (Philosophy)
Gilman (English)
Guillory (English)
Gayot (French)
Hoover (English)
Katz (Middle Eastern and Islamic Studies)
Kay (French)

Kennedy (Middle Eastern and Islamic Studies)
Krinsky (Art History)
Mitsis (Classics/Hellenic Studies)
Momma (English)
Rubenstein (Hebrew and Judaic Studies)
Smith (Art History)
Usher (French)
Waley-Cohen (History)
Wofford (Gallatin)
Wood (German)
**Associate Professors**
- Appuhn (History/Italian)
- Cipani (Italian)
- Crabtree (Anthropology)
- Dopico (Spanish and Portuguese)
- Dopico-Black (Spanish and Portuguese)
- Forman (Gallatin)
- Gadberry (Gallatin)
- Gottlieb (Hebrew and Judaic Studies)
- Jauernig (Philosophy)
- Jütte (History)
- Mann (English, Gallatin)
- Mirabella (Gallatin)
- Pearce (Spanish and Portuguese)
- Refini (Italian)
- Rice (Art History)
- Romig (Gallatin)
- Russ-Fishbane (Hebrew and Judaic Studies)
- Rust (English)

**Assistant Professors**
- Balbale (Middle Eastern and Islamic Studies)
- Feldman (Hebrew and Judaic Studies)

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**Program**

**Major: General Information**

The program offers an interdisciplinary approach to the histories and cultures of the Middle Ages and the early modern period. It is specifically designed for students wishing to work in more than one field of specialization and to develop individualized programs of study around their own interests rather than those of a single departmental major. Individual advisement enables students to develop a coherent course of study that suits their needs and interests. Among the fields of concentration from which students may draw to develop their programs are (1) language and literature: classics, comparative literature, English, French, German, Hebrew and Judaic studies, Italian, Middle Eastern and Islamic studies, and Spanish and Portuguese; (2) art history; (3) history; (4) music; and (5) philosophy and religion. Other more specialized programs of study may be designed in consultation with the director of undergraduate studies.

Available to majors and minors is the Marco Polo Travel Award (granted to an outstanding student each year to allow her or him to travel abroad for research), as well as a field prize for outstanding work in the major.

**Major: Requirements**

The major requires ten courses (40 points) in medieval and Renaissance studies, all completed with a grade of C or better. At least five of the ten courses must be in a single field of concentration; three courses must be in one or more secondary field(s) of concentration; and at least one must be an interdisciplinary seminar. In addition, majors are expected to demonstrate proficiency through course work or examination in a classical language (Latin, ancient Greek, Arabic, or Hebrew) and in another foreign language appropriate to their field of concentration. Students who work in later periods and for whom knowledge of two modern foreign languages is advantageous may petition the director of undergraduate studies to substitute the ancient language requirement with a second modern foreign language.

**Minor**

Five courses (20 points) completed with a grade of C or better: two courses in a single field of concentration, one course in each of two other fields of concentration, and an interdisciplinary seminar.

**Program Approval and Advisement**

The director meets with students to discuss their general educational and career aims, as well as the specific opportunities provided by the program in medieval and Renaissance studies. All major and minor programs require the approval of the director of the program.
Honors Program

To qualify for the honors program in the medieval and Renaissance studies major, students must maintain at least a 3.65 cumulative average and a 3.65 major average. The honors track is a year-long 8-point program, which requires students to write and orally defend a senior honors thesis. During the fall semester of their senior year, students who qualify for honors enroll in the Senior Honors Seminar (MEDI-UA 999); in the spring semester, they enroll in Honors Independent Study (MEDI-UA 998). The Senior Honors Seminar guides students through the research and writing of the thesis. In Honors Independent Study, students complete their honors theses under the supervision of a faculty mentor. Students interested in honors must consult with the director of the program by the end of junior year.

Accelerated B.A./M.A. Program

Qualifying students may apply to earn an accelerated B.A. in medieval and Renaissance studies and an M.A. in a related department. Interested students must consult with the director of the program. Requirements for the B.A./M.A. program are outlined in the pre-professional, accelerated, and specialized programs section of this Bulletin.

Study Away

The program prepares and encourages its students to complement their work in medieval and Renaissance studies with a semester at one of NYU’s academic centers in Florence, London, Madrid, Paris, and Prague, or at one of the Western European exchange universities. Medieval and Renaissance studies majors should consult the director when making plans to study away.

COURSES

This is only a sampling of courses that count toward the major and minor. For more choices throughout CAS, please see “cross-listed courses” (below) and consult with the center.

Love and War in Renaissance Italy: Chivalric Romance and Epic
MEDI-UA 145  Identical to ITAL-UA 145. Offered every two to three years. 4 points. Study of Lodovico Ariosto’s Orlando furioso (1532) and Torquato Tasso’s Gerusalemme liberata (1581) in their historical context and in relation to the rich literary traditions of romance and epic that converge in them. Thematic focuses include the construction of gender and the representation of religious and racial “otherness.”

Dante’s Divine Comedy in Context
MEDI-UA 269  Identical to ITAL-UA 269. Offered regularly. 4 points. Interdisciplinary introduction (in English) to late medieval culture. The literature, art, and music, as well as political, religious, and social developments of the time. Emphasizes the classical background of medieval culture and its transmission to the modern world. Readings from Dante, St. Augustine, Boethius, St. Francis, Brunetto Latini, Thomas Aquinas, and Boccaccio.

Medieval Literature in Translation
MEDI-UA 310  Identical to ENGL-UA 310. Offered periodically. 4 points. Introduction to the culture and literature of the medieval world through translations of diverse texts written in Latin, French, German, Italian, Icelandic, and other vernacular languages.

Medieval Romance
MEDI-UA 311  Identical to ENGL-UA 311. Offered periodically. 4 points. Study of how these tales of adventure, love, and magic both construct and deconstruct ideals of selfhood, masculinity, femininity, heterosexuality, nationality, geography, temporality, religion, spirituality, nature, and the function and performance of linguistic discourse. Consideration of other genres (saints’ lives, chronicles, travel writing, allegory, and exempla). Readings in Middle English and in translation.
Medieval Misogyny
MEDI-UA 488 Identical to SCA-UA 488. Offered periodically. 4 points.
From the Bible to key texts of the Western Middle Ages in which men lay down the law, and occasionally women talk back. Other works: the letters of Abelard and Heloise, the fictive but larger than life Wife of Bath, and the imagined feminine utopia of Christine de Pizan.

Internship
MEDI-UA 980, 981 Prerequisite: written permission of the director of the program. Restricted to majors and minors. 1 to 4 points per term. Requires a faculty sponsor and a substantial written report.

Topics in Medieval Studies
MEDI-UA 983, 984 Offered regularly. 4 points per term. Topics vary by semester.

Interdisciplinary Seminar in Medieval and Renaissance Studies
MEDI-UA 991, 992 Offered every semester. 4 points per term. Topics vary by semester. Recent offerings: Text and Image in Medieval Literature: The World of King Arthur; The Medieval Life Cycle: Birth to Rebirth; Shakespeare and the London Theatre.

Topics in Renaissance Studies
MEDI-UA 993, 994 Offered regularly. 4 points per term. Topics vary by semester.

Independent Study
MEDI-UA 997 Prerequisite: written permission of the director of the program. Restricted to majors and minors. May not duplicate the content of a regularly scheduled course. 1 to 4 points per term.

Honors Independent Study
MEDI-UA 998 Prerequisites: admission to the honors program, permission of the director of undergraduate studies, and Senior Honors Seminar (MEDI-UA 999). Open only to honors majors. Offered in the spring. 4 points. Students meet regularly with their faculty advisers and complete research and writing of the senior honors thesis.

Senior Honors Seminar
MEDI-UA 999 Prerequisites: admission to the honors program and permission of the director of undergraduate studies. Open only to honors majors. Offered in the fall. 4 points. Students begin researching and writing their senior honors theses. Covers critical methodologies, research tools in Bobst Library, field standards for preparing research papers (forms of documentation, citation, and bibliography), and current theories in the field of literary and cultural criticism.

Cross-Listed Courses
These courses count toward the major and minor in medieval and Renaissance studies, although students are advised to confirm with the director of the program. See departmental sections in this Bulletin for course descriptions and prerequisites. For cross-listed electives offered at NYU’s Global Academic Centers, consult Albert. Approval of the director of the program is required to count other courses taken away toward the major or minor.

ART HISTORY
History of Western Art I
MEDI-UA 1 Identical to ARTH-UA 1. 4 points.

Art in the Islamic World
MEDI-UA 98 Identical to ARTH-UA 540. 4 points.

Medieval Art
MEDI-UA 200 Identical to ARTH-UA 4. 4 points.

Art of the Early Middle Ages
MEDI-UA 201 Identical to ARTH-UA 201. 4 points.

Romanesque Art
MEDI-UA 202 Identical to ARTH-UA 202. 4 points.

Gothic Art in Northern Europe
MEDI-UA 203 Identical to ARTH-UA 203. 4 points.

Art and Architecture in the Age of Giotto: Italian Art, 1200-1420
MEDI-UA 204 Identical to ARTH-UA 204. 4 points.

Medieval Architecture
MEDI-UA 205 Identical to ARTH-UA 205. 4 points.

Architecture and Urbanism in Renaissance Europe
MEDI-UA 301 Identical to ARTH-UA 301. 4 points.

Architecture and Urbanism in the Age of the Baroque
MEDI-UA 302 Identical to ARTH-UA 302. 4 points.

Northern Renaissance Art, 1400-1530
MEDI-UA 303 Identical to ARTH-UA 303. 4 points.

16th-Century Art North of the Alps
MEDI-UA 304 Identical to ARTH-UA 304. 4 points.

Italian Renaissance Sculpture
MEDI-UA 305 Identical to ARTH-UA 305. 4 points.

Early Masters of Italian Renaissance Painting
MEDI-UA 306 Identical to ARTH-UA 306. 4 points.
The Age of Leonardo, Raphael, and Michelangelo
MEDI-UA 307  Identical to ARTH-UA 307.
4 points.

The Golden Age of Venetian Painting
MEDI-UA 308  Identical to ARTH-UA 308.
4 points.

Italian Art in the Age of the Baroque
MEDI-UA 309  Identical to ARTH-UA 309.
4 points.

Dutch and Flemish Painting 1600–1700
MEDI-UA 311  Identical to ARTH-UA 311.
4 points.

French Art: Renaissance to Rococo, 1520–1770
MEDI-UA 313  Identical to ARTH-UA 313.
4 points.

Renaissance and Baroque Art
MEDI-UA 333  Identical to ARTH-UA 3.5.
4 points.

CLASSICS
Classical Mythology
MEDI-UA 404  Identical to CLASS-UA 404.
4 points.

Engaging Early Christian Theology
MEDI-UA 510  Identical to CLASS-UA 856.
4 points.

ENGLISH
History of Drama and Theatre I
MEDI-UA 127  Identical to DRLIT-UA 110.
4 points.

Literatures in English I: Medieval and Early Modern Literatures
MEDI-UA 210  Formerly British Literature I. Identical to ENGL-UA 111 (formerly ENGL-UA 210).
4 points.

Medieval Literature in Translation
MEDI-UA 310  Identical to ENGL-UA 310.
4 points.

Colloquium: Chaucer
MEDI-UA 320  Identical to ENGL-UA 320.
4 points.

16th-Century English Literature
MEDI-UA 400  Identical to ENGL-UA 400.
4 points.

Shakespeare I, II
MEDI-UA 410, 411  Identical to ENGL-UA 410, 411.
4 points per term.

Colloquium: Shakespeare
MEDI-UA 415  Identical to ENGL-UA 415.
4 points.

17th-Century English Literature
MEDI-UA 440  Identical to ENGL-UA 440.
4 points.

Colloquium: The Renaissance Writer
MEDI-UA 445  Identical to ENGL-UA 445.
4 points.

Colloquium: Milton
MEDI-UA 450  Identical to ENGL-UA 450.
4 points.

Topics: Medieval Literature
MEDI-UA 953  Identical to ENGL-UA 950.
4 points.

Topics: Renaissance Literature
MEDI-UA 954  Identical to ENGL-UA 951.
4 points.

Topics: 17th-Century British Literature
MEDI-UA 955  Identical to ENGL-UA 952.
4 points.

FRENCH
Topics in French Literature
MEDI-UA 869 (in English), MEDI-UA 969 (in French)  Identical to FREN-UA 868 (in English), FREN-UA 968 (in French).
4 points.

History of the French Language
MEDI-UA 920  Identical to FREN-UA 920.
4 points.

HEBREW AND JUDAIC STUDIES
The Bible as Literature
MEDI-UA 23  Identical to HBRJD-UA 23.
4 points.

Topics in Judaic Studies
MEDI-UA 177  Identical to HBRJD-UA 177.
4 points.

Topics in the Bible and the Ancient Near East
MEDI-UA 949  Identical to HBRJD-UA 949.
4 points.

HISTORY
The Early Middle Ages, 300-1050
MEDI-UA 111  Identical to HIST-UA 111.
4 points.

The City in Western History: From Antiquity to Early Modernity
MEDI-UA 250  Identical to HIST-UA 25.
4 points

Topics in Medieval History
MEDI-UA 274  Identical to HIST-UA 108.
4 points.

ITALIAN
Readings in Medieval and Renaissance Literature
MEDI-UA 115  Identical to ITAL-UA 115.
4 points.

Machiavelli
MEDI-UA 147  Identical to ITAL-UA 147.
4 points.
Giordano Bruno and the Art of Memory  
MEDI-UA 148 Identical to ITAL-UA 148, HIST-UA 126. 4 points.

Francesco Petrarca’s Rime  
MEDI-UA 155 Identical to ITAL-UA 155. 4 points.

Dante’s Divine Comedy  
MEDI-UA 270 Identical to ITAL-UA 270. 4 points.

MIDDLE EASTERN AND ISLAMIC STUDIES  
Topics in Middle Eastern History  
MEDI-UA 518 Identical to MEIS-UA 518. 4 points.

The Making of the Muslim Middle East, 600–1400  
MEDI-UA 640 Identical to MEIS-UA 542. 4 points.

The Sufis: Mystics of Islam  
MEDI-UA 863 Identical to MEIS-UA 863. 4 points.

RELIGIOUS STUDIES  
Early Christian Theology  
MEDI-UA 570 Identical to RELST-UA 570. 4 points.

SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES  
Topics in Peninsular Spanish Literature and Culture  
MEDI-UA 273 Identical to SPAN-UA 360. 4 points.

Graduate Courses Open to Undergraduates (with Permission)

ENGLISH  
Introductory Old English  
ENGL-GA 1060 4 points.

FRENCH  
Introduction to Medieval French Literature  
FREN-GA 1211 4 points.

MUSIC  
Collegium Musicum  
MUSIC-GA 1001, 1002 4 points.
MAJOR/MINOR IN
Metropolitan Studies

as.nyu.edu/metropolitanstudies
20 Cooper Square, 4th Floor
New York, NY 10003-7112
212-992-9650

Chair of the Department of
Social and Cultural Analysis
Professor Morgan

Director of Undergraduate Studies,
Department of Social and Cultural Analysis
Associate Professor Saranillio

OVERVIEW

The interdisciplinary program in metropolitan studies, housed in the Department of Social and Cultural Analysis (SCA), studies urban spaces in relation to the rural and suburban contexts that help to define them. With the New York metropolitan area as their laboratory, students use course work, internships, and research investigations to examine how social institutions and policy initiatives address demographic concerns and matters of infrastructure. Studying with faculty and scholars active in government, community, and nonprofit agencies, students develop a critical understanding of the way cities, suburbs, and rural areas are produced, as well as key problems they experience in tension with each other.

An accelerated B.A./M.P.A. and B.A./M.U.P. arrangement exists with NYU’s Robert F. Wagner Graduate School of Public Service. For more information, see the section on preprofessional, accelerated, and specialized programs in this Bulletin.

FACULTY

Professors Emeriti
Molotch, Walkowitz

Silver Professor
Sugarie

Professors
Dávila, Johnson, Ross, T,
Zaloom

Associate Professors
Ralph, Sandhu

Assistant Professor
Gonick

PROGRAM

Major

The metropolitan studies major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses—may be taken in either order:
• Social and Cultural Analysis 101 (SCA-UA 101)
• Approaches to Metropolitan Studies (SCA-UA 601)

Six elective courses:
• Six designated metropolitan studies electives, of which four must be taught by SCA faculty.
• SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required but is highly recommended and can count as an elective.

One research course:
• Advanced Research Seminar (SCA-UA 90)
Minor

Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in Metropolitan studies. Students must take Approaches to Metropolitan Studies (SCA-UA 601). They also take four designated metropolitan studies electives, of which two must be taught by SCA faculty.

Language and Linguistic Competency

The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. The department therefore strongly encourages its students to develop advanced skills in language and linguistics by any of the following means: taking elective courses in sociolinguistics; studying a language other than English beyond the minimum level required by the College of Arts and Science; studying languages especially germane to the department’s fields of study; pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research away in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses

Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program

Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about the honors program can be found at as.nyu.edu/sca.

COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101 Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

Approaches to Metropolitan Studies
SCA-UA 601 Offered every fall. 4 points.
Explores the historical geography of capitalist urbanization with attention to North American and European cities, to colonial and postcolonial cities, and to the global contexts of urban development. Topics: urban politics and governance; suburban and regional development; urban social movements; urban planning; the gendering of urban space; and racial segregation in urban space.

Research Core

Advanced Research Seminar
SCA-UA 90 Prerequisite: Social and Cultural Analysis 101 (SCA-UA 101)

or Approaches to Metropolitan Studies (SCA-UA 601). Offered every semester. 4 points.
Students write a 20-25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Program

Senior Honors Seminar
SCA-UA 92  Prerequisites: 3.65 GPA or higher (both overall and in the major), Social and Cultural Analysis 101 (SCA-UA 101), Approaches to Metropolitan Studies (SCA-UA 601), and permission of the department. Offered every fall. 4 points.

Senior Honors Thesis
SCA-UA 93  Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program

The 4-point internship program complements and enhances the formal course work of the metropolitan studies major. Students intern at agencies dealing with a range of issues pertaining to metropolitan studies and take a corequisite seminar that enables them to focus the work experience in meaningful academic terms. The goals of the internship are threefold: (1) to allow students to apply the theory they have gained through course work, (2) to provide students with analytical tools, and (3) to assist students in exploring professional career paths. The internship is open to juniors and seniors and requires an interview and permission of the director of internships.

SCA Theory and Practice: The Internship Program
SCA-UA 42  Requires ten hours a week of fieldwork. 4 points.

Elective Courses

Urban Cultural Life
SCA-UA 608  4 points.
Through walking tours of neighborhoods and attendance at cultural events, students explore New York from the Village to the outer boroughs. An interdisciplinary perspective on the attributes that constitute urban culture and community.

Community Empowerment
SCA-UA 613  4 points.
Empowerment is defined as those processes, mechanisms, strategies, and tactics through which people, as well as organizations and communities, improve and gain mastery over their lives. It is personal as well as institutional and organizational. We address these issues in a wide variety of community settings.

Race and the Neoliberal Metropolis
SCA-UA 614  4 points.
Traces the rise of the neoliberal city and how neoliberal policy and governance has restructured spatial and social structures in the city. Focuses on the specific ways that neoliberal urbanism is both shaped and reshaped by urban racial spaces, gentrification, and education.

Subprime Cities
SCA-UA 615  4 points.
The 2008 financial crisis in historical and global context, with particular attention to the urban crisis in housing and its wave of foreclosures and evictions. Examines property, urban land, and patterns of urbanization in producing financialized regimes of difference and inequality. Also considers the reaction of activist movements. Requires a semester-long group research project.

New York City in Film
SCA-UA 623  4 points.
Analyzes how New York has been portrayed in some classic films, as well as how these stories have helped shape the city’s image of itself. Emphasizes how each film originated at distinct moments in both the city’s history and the history of filmmaking. Combines the perspectives of urban studies and film studies and places films within their cultural, political, and artistic context.

Landscapes of Consumption
SCA-UA 625  4 points.
From the late 19th century to contemporary America. Examines classic theoretical works that probe the relationships between people, things, and cities and discusses changing forms and practices of consumption and urbanism. Empirical case studies: the development of the department store, the fashioning of the commodity city, the work of shopping, and the emergence of a thriving urban debt industry.

Cinema and Urbanism
SCA-UA 626  4 points.
Draws on a broad range of theoretical and historical texts to investigate topics such as psychogeography, landscape hacking, surveillance, and slum urbanism, while also examining the specific role of cinema in generating, framing, and circulating emergent notions about the modern city.

Urban Environmentalism
SCA-UA 631  4 points.
Environmental issues in cities and towns: their causes and how to remedy them. Larger questions about the relationship between human society and the natural world in the urban context. Utilizes the analytic tools of sociology and ideas from economics, political science,
philosophy, geography, and natural science to develop a theoretical framework for understanding these issues.

**Climate Change and Environmental Justice**

SCA-UA 632  *Identical to ENVST-UA 405.* 4 points.
Addresses the natural and social impact of global warming in the context of the climate justice movement. Examines how populations are unevenly affected by climate change, and how this imbalance is being addressed by advocates of decarbonization.

**Urban and Suburban**

SCA-UA 633  4 points.
The history of urban and suburban development since the late 19th century. Major movements in town planning and in housing and transportation policy; schools of thought associated with urbanism; suburbanization; environmental justice and the struggle for urban sustainability. Close attention to the relationship between urban forms and modes of industrial production, transportation, and communication.

**Governing New York City**

SCA-UA 636  4 points.
Examines the complex politics and governing of New York City. Topics include: the structure of key political institutions; the “permanent” government; the role of interest groups; racial and ethnic politics; and, voting and elections. Examines three broad policy areas (education, housing and policing) to trace the impact of New York City’s political and governance structure on public policy.

**Topics in Metropolitan Studies**

SCA-UA 680  *Offered every semester.* 4 points.

**Independent Study**

SCA-UA 997, 998  *Prerequisite: permission of the program director.* 2 to 4 points per term.

**Related Courses**

The following courses count as faculty electives for metropolitan studies majors and minors. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**AFRICANA STUDIES**

Hip Hop and Politics
SCA-UA 157  4 points.

**AMERICAN STUDIES**

Justice Lab
SCA-UA 19  2 points.

Work, Labor, and Power
SCA-UA 221  4 points.

The Criminal Justice State
SCA-UA 235  4 points.

Couture/Culture: Fashion and Globalization
SCA-UA 253  4 points.

**ASIAN/PACIFIC/AMERICAN STUDIES**

Filming Asian America: Documenting Community
SCA-UA 361  4 points.

**GENDER AND SEXUALITY STUDIES**

Queer NYC
SCA-UA 421  4 points.

**LATINO STUDIES**

Latino/a Art and Performance in NYC
SCA-UA 532  4 points.

The Latinized City, New York and Beyond
SCA-UA 540  4 points.

**Cross-Listed Electives**

Majors and minors may take no more than two. See the departmental or program sections in this Bulletin for course descriptions and prerequisites.

**COLLEGE CORE CURRICULUM**

Expressive Culture: Architecture in New York Field Study
CORE-UA 722  4 points.

**ECONOMICS**

Urban Economics
SCA-UA 751  *Identical to ECON-UA 227.* 4 points.

**ENGLISH**

Writing New York

**HISTORY**

The History of New York and Paris: A Tale of Two Cities
SCA-UA 794  *Identical to HIST-UA 309.* 4 points.

**IRISH STUDIES**

The Irish and New York

**SOCIOLOGY**

Cities, Communities, and Urban Life
SCA-UA 760  *Identical to SOC-UA 460.* 4 points.

The Social Challenges of Climate Change
SCA-UA 782  *Identical to SOC-UA 454.* 4 points.

**URBAN DESIGN AND ARCHITECTURE**

Shaping the Urban Environment
SCA-UA 762  *Identical to ARTH-UA 661.* 4 points.
History of City Planning:
19th and 20th Centuries
SCA-UA 769  Identical to ARTH-UA 663.
4 points.

STEINHARDT SCHOOL OF
CULTURE, EDUCATION, AND
HUMAN DEVELOPMENT
American Dilemmas: Race,
Inequality, and the Unfulfilled
Promise of Education
SCA-UA 755  Identical to TCHL-UE 41.
4 points.
DEPARTMENT OF
Middle Eastern and Islamic Studies

as.nyu.edu/meis
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New York, NY 10012-1073
212-998-8880

Chair of the Department
Professor Keshavarzian

Director of Undergraduate Studies
Professor Erol

OVERVIEW

The Department of Middle Eastern and Islamic Studies (MEIS) focuses on the past and present of a vast and culturally diverse region of the world that extends from North Africa to Central Asia and from the Mediterranean to the Indian Ocean. It adopts interdisciplinary and comparative approaches to Middle Eastern societies from antiquity to the present, with particular focus on the period after the emergence of Islam. A Middle Eastern and Islamic studies major offers students the opportunity to master one of the regional languages, including Arabic, Hindi, Persian, Turkish, and Urdu. Students also acquire an interdisciplinary understanding of this pivotal area of the world by studying with the department’s specialists in history, anthropology, political science, literature, law, religious studies, and language.

In addition to the courses listed below, students are encouraged to select cross-listed courses in other departments and programs that complement the department’s offerings, such as anthropology, art history, comparative literature, Hebrew and Judaic studies, history, politics, religious studies, and sociology.

FACULTY

Professors Emeriti
Chelkowski, Gilsenan, Khorrami, McChesney, Mikhail, Rowson

Professors
Ben-Dor Benite, Katz, Kennedy, Lockman, Mirsepassi, Shohat

Associate Professors
Halim, Igsiz, Keshavarzian, Tawil-Souri

Assistant Professors
Alatas, Balbale, Baltacıoğlu, Brammer, Pursley

Clinical Professors
Erol, Ilieva

Clinical Associate Professor
Alnaemi, Badawi, Hassan, Naqvi, Uthman

Clinical Assistant Professors
Alizadeh, Badawi

Associated Faculty
Antoon, Fleming, Flood, Gomez, Pearce

Affiliated Faculty
Kapchan

PROGRAM

Major: General Requirements

The Middle Eastern and Islamic studies (MEIS) major requires ten 4-point courses (40 points) completed with a grade of C or better. (Courses graded pass/fail cannot count toward the requirements of the major.) The major consists of two components: (1) language study and (2) non-language courses. All MEIS majors must complete at least six non-language courses (24 points); the number of language courses required for the major depends on one’s beginning level of proficiency in the language chosen for study, but could be as many as four. Students who take
fewer than four language courses must take more than the minimum of six non-language courses, so as to complete a full ten courses in Middle Eastern and Islamic studies.

**Language Study Required for the Major**

To obtain the B.A. degree with a Middle Eastern and Islamic studies (MEIS) major, students must meet the College of Arts and Science (CAS) language requirement in Arabic, Hindi, Persian, Turkish, or Urdu. This means (1) studying one of these languages through at least the intermediate two level (four semesters) at NYU, (2) demonstrating the completion of approved and equivalent course work elsewhere, or (3) satisfying the CAS language requirement by taking the CAS placement exam in one of these languages.

Under exceptional circumstances, the director of undergraduate studies may exempt a student from having to fulfill the language requirement, in which case the student will be required to take ten MEIS non-language courses to complete the major. In any event, every student must always complete at least ten MEIS-approved courses to satisfy requirements for the major.

**Non-Language Course Requirements for the Major**

In addition to the language requirement, majors must successfully complete at least six MEIS content courses distributed across distinct fields. The six MEIS courses are to be distributed as follows.

Two core courses: To ensure broad knowledge of issues in the discipline, all majors must take two “core courses” among their six non-language courses. It is recommended that students take these courses before they take seminars and topics courses. Core courses are as follows:
- MEIS-UA 640: Making of the Muslim Middle East (History)
- MEIS-UA 660: Mediterranean Worlds (History)
- MEIS-UA 690: The Emergence of the Modern Middle East (History)
- MEIS-UA 697: Palestine, Zionism, and Israel (History)
- MEIS-UA 711: Literature and Society in the Middle East (Literature)
- MEIS-UA 728: Women and Gender in Islam (Religion)
- MEIS-UA 750: Middle East Politics (Elective)
- MEIS-UA 780: Islamic Law and Society (Religion)

The department may choose to designate additional courses as core courses and will announce them accordingly. Core courses must be taken at Washington Square and cannot be taken while studying away at an NYU global academic center.

One topics/seminar course: Among the six non-language courses, all majors must also take at least one advanced undergraduate seminar; MEIS often offers these under the “topics” rubric (e.g., Topics in Middle East History, MEIS-UA 688). With permission, this requirement may be fulfilled with a graduate seminar.

Distribution fields: All majors must take their six non-language courses (including the core and topics courses) in a manner that is distributed across departmental fields as follows:
- Two courses from the MEIS history list
- One course from the MEIS literature list
- One course from the MEIS religion list
- Two elective courses from the MEIS course list of the student’s choice
Minor

Students who wish to minor in Middle Eastern and Islamic studies must complete either:
• four non-language courses (16 points) with a C or better, including one of the core courses listed above (the courses must be offered or cross-listed by MEIS and approved by the director of undergraduate studies or a MEIS adviser);
• or four courses (16 points) with a C or better in Arabic, Persian, or Turkish, provided that these courses are not also used to satisfy the CAS foreign language requirement.

Only the non-language minor can be used to satisfy the Expressive Culture requirement of the College Core Curriculum.

Policy on Transfer and NYU Study Away (Global) Credits (Major and Minor)

After consultation with the director of undergraduate studies, transfer students may be allowed to apply up to five transfer courses (20 points) toward the major or up to two transfer courses (8 points) toward the minor. At least half of the major and minor courses must always be completed in CAS.

NYU study away/Global courses (e.g., NYU Abu Dhabi) may be considered and treated as transfer credits, even for students matriculated in CAS. Majors and minors in Middle Eastern and Islamic studies should discuss their study away plans with the director of undergraduate studies.

Internships

MEIS majors may, with permission of the director of undergraduate studies, pursue an internship for 2 or 4 points (MEIS-UA 980, 981). The application form is available in the MEIS office.

Honors Program

Any student majoring in the department who has spent at least two full years in residence at the College of Arts and Science, has completed at least 60 points of graded work in the College, and has both a cumulative and a major GPA of 3.65 may apply to pursue honors in the MEIS major. The requirements are:
• Complete all major requirements (above).
• Complete at least two graduate-level courses with a GPA of 3.0 (these courses may be used to satisfy part of the major requirements); students are encouraged to complete the interdepartmental Honors Thesis Seminar when offered.
• Write an honors thesis of 50 to 60 double-spaced, typed pages under the supervision of an MEIS faculty member, for which up to 4 points of independent study credit may be awarded (MEIS-UA 997, 998). The subject of the honors thesis and the faculty supervisor are chosen in consultation with the director of undergraduate studies.

Awards

The department offers the following awards for excellence:
• The Baba-e-Urdu Prize, for excellence in Urdu studies
• The Rumi-Biruni Prize, for excellence in Persian studies
• The Evliya Chelebi Prize, for excellence in Turkish studies
• The Ibn Khaldun Prize, for excellence in Arabic studies
• The Premchand Prize, for excellence in Hindi studies
• The Middle Eastern and Islamic Studies Prize, presented to a graduating senior in the honors program
• The Jordan Curley Memorial Writing Prize

Minor in South Asian Studies

The minor in South Asian Studies (SAS) is housed in the Department of History. Please see the section on the SAS minor in this Bulletin.

COURSES

Language Courses

The Department of Middle Eastern and Islamic Studies schedules placement examinations throughout the academic year. For placement at the appropriate level, students must always consult the department. If students interrupt their study of a language sequence for one or more semesters, the department may (re)administer the placement exam before allowing them to register for another course in the sequence.

Undergraduates who have completed the full intermediate level are eligible to register for advanced courses in Arabic, Hindi, Persian, Turkish, and Urdu through the Graduate School of Arts and Science.

Arabic

Elementary Arabic I, II
MEIS-UA 101, 102 Offered every year. 4 points per term.
Builds basic skills in modern standard Arabic. Five hours per week of instruction and drills stressing the proficiency approach, plus work in the language laboratory.

Intermediate Arabic I, II
MEIS-UA 103, 104 Prerequisite for the sequence: Elementary Arabic II (MEIS-UA 102) or equivalent. Offered every year. 4 points per term.
Increased emphasis on writing and reading from modern sources, in addition to aural/oral proficiency.

Advanced Arabic I, II
MEIS-GA 1005, 1006 Prerequisite for the sequence: Intermediate Arabic II (MEIS-UA 104) or equivalent. Offered every year. 4 points per term.
Conducted entirely in modern standard Arabic. Further hones the four language skills: speaking, listening, reading, and writing. Principal features of colloquial dialects of Arabic are introduced.

Contemporary Media and Literary Arabic I, II
MEIS-GA 1112, 1113 Prerequisite for the sequence: Advanced Arabic II (MEIS-GA 1005) or equivalent. Offered every year. 4 points per term.
Contemporary Arabic media, magazine articles, newspapers, and journals.

Colloquial Arabic
MEIS-GA 1118 Prerequisite: Intermediate Arabic II (MEIS-UA 104) or equivalent. Offered every year. 4 points.
Dialects of Arabic vary by semester. Does not satisfy the College Core Curriculum foreign language requirement.

Urdu

Elementary Urdu I, II
MEIS-UA 301, 302 Offered every year. Naqvi. 4 points per term.
The Urdu alphabet, grammar, and sentence structure. All four language skills are emphasized—writing and reading, as well as speaking and listening. Cultural background.

Intermediate Urdu I, II
MEIS-UA 303, 304 Prerequisite for the sequence: Elementary Urdu II (MEIS-UA 302) or equivalent. Offered every year. Naqvi. 4 points per term.
Dictation, memorizing poetry, comprehension, and engagement in longer sessions of conversation. Students polish skills in reading literary texts and writing short essays.

Advanced Urdu I, II
MEIS-GA 1107, 1108 Prerequisite for the sequence: Intermediate Urdu II (MEIS-UA 304) or equivalent. Offered every year. Naqvi. 4 points per term.
An overview of Urdu culture via authentic texts. Improves students’ reading, writing, and speaking.

Persian

Elementary Persian I, II
MEIS-UA 401, 402 Alizadeh. Offered every year. 4 points per term.
Grammar, phonetics, and pronunciation of modern standard Persian, reading simple texts, and writing short compositions.

Intermediate Persian I, II
MEIS-UA 403, 404 Prerequisite for the sequence: Elementary Persian II (MEIS-UA
402) or equivalent. Offered every year. Alizadeh. 4 points per term.
Continued work in grammar, syntax, and speaking. Introduction to classical and modern prose and poetry.

Advanced Persian I, II
MEIS-GA 1415, 1416 Prerequisite for the sequence: Intermediate Persian II (MEIS-UA 404) or equivalent. Offered every year. Alizadeh. 4 points per term.
Focuses on modern Persian fiction.

Hindi

Elementary Hindi I, II
MEIS-UA 405, 406 Offered every year. Bhargava. 4 points per term.
Development of reading, speaking, listening, and writing skills.

Intermediate Hindi I, II
MEIS-UA 407, 408 Prerequisite for the sequence: Elementary Hindi II (MEIS-UA 406) or equivalent. Offered every year. Ilieva. 4 points per term.
Further develops fluency in oral and written communication. Students work with native speakers from the community and report on their findings.

Advanced Hindi I, II
MEIS-UA 409, 410 Prerequisite for the sequence: Intermediate Hindi II (MEIS-UA 408) or equivalent. Offered every year. Ilieva. 4 points per term.
Overview of Indian culture via original texts. Work in reading and writing, plus classroom discussion and oral presentations.

Turkish

Elementary Turkish I, II
MEIS-UA 501, 502 Offered every year. Erol. 4 points per term.
The written and spoken language of modern Turkey. All texts are in Latin characters and comprise both textual and audio material.

Intermediate Turkish I, II
MEIS-UA 503, 504 Prerequisite for the sequence: Elementary Turkish II (MEIS-UA 502) or equivalent. Offered every year. Erol. 4 points per term.
Materials from Turkish newspapers, magazines, literature, and TV provide the basis for further developing reading comprehension and conversational ability.

Advanced Turkish, I, II
MEIS-GA 1514, 1515 Prerequisite for the sequence: Intermediate Turkish II (MEIS-UA 504) or equivalent. Offered every year. Erol. 4 points per term.
Students read, discuss, and write about a variety of short stories, poems and articles while focusing on Turkish narrative forms, traditions, and cultural issues and context.

History Courses

The History of Ancient Egypt, 3200–50 B.C.E.
MEIS-UA 611 Identical to HIST-UA 506. Offered periodically. 4 points.
Introduces a variety of religious and secular texts and shows how Egyptologists have drawn on biographical texts, royal inscriptions, literary papyri, and archaeological remains to re-create Egyptian history.

Jews in the Islamic World in the Modern Period
MEIS-UA 615 Identical to HBRJD-UA 114. 4 points.
See description under Hebrew and Judaic studies.

Istanbul: Culture, Memory, and the City
MEIS-UA 620 Offered periodically. Igsiz. 4 points.
Cultural identification and space in the twentieth century. Topics: social transformation, urbanism, and gentrification; minorities and cultural identifica-

The Making of the Muslim Middle East
MEIS-UA 640 Offered periodically. Balbale. 4 points.
A historical and comparative approach to the first half-millennium of Islamic history. Traces the cultural and religious strands shaping institutions, belief systems, and practices. Students analyze primary sources and explore major debates in the cultural history of this period.

Ottoman Empire and the World around It
MEIS-UA 650 Identical to HIST-UA 516. Offered periodically. Baltacoğlu-Brammer. 4 points.
Examines the Ottoman Empire from a world historical perspective. Beginning with the collapse of the Byzantine state and ending with the French Revolution, students gain an understanding of the Ottoman state and society and its responses to, and participation in, global trade, interstate warfare, and the cultural and political development of the modern world.

Art in the Islamic World II: From the Mongols to Modernism
MEIS-UA 652 Identical to ARTH-UA 541. Offered every year. Flood. 4 points.
Beginning with the Mongol invasions of the 13th century, traces the development of Islamic art and architecture through the eras of Timur, the “gunpowder empires” (the Mughals, Ottomans, Safavids), and European colonialism, to the art of the nation-state in the 20th century.
Art in the Islamic World I: From the Prophet to the Mongols
MEIS-UA 653  Identical to ARTH-UA 540. Flood. 4 points.
From 650 to 1200 C.E. The period saw the initial formation of an Arab empire stretching from the Atlantic Ocean to the Indian Ocean, a decline in centralized authority, and the rise of North African, Iranian, and Central Asian dynasties from the 10th century onward. Political developments are reflected in the increasingly heterogeneous nature of Islamic material culture over this time span.

The Emergence of the Modern Middle East
MEIS-UA 690  Identical to HIST-UA 531. Pursley. 4 points.
Main political, social, economic, and intellectual currents of the 19th and 20th centuries. Emphasis on historical background and development of current problems in the region. Topics: imperialism, nationalism, modern state formation, religion, Orientalism, gender, class formation, oil, the Arab-Israeli crisis, anticolonial revolutions, the Lebanese Civil War, neoliberalism, and the 2011 Arab uprisings.

Islam and the West
MEIS-UA 694  Identical to HIST-UA 520, MEDI-UA 694. 4 points.
The evolution of diplomatic, trade, and cultural contacts. Particular attention to the complex relationship that developed between these two civilizations and their historical impact on each other.

Zionism and the State of Israel
MEIS-UA 696  Identical to HBRJD-UA 180. 4 points.
See description under Hebrew and Judaic studies.

Palestine, Zionism, Israel
MEIS-UA 697  Identical to HIST-UA 532. Offered every other year. Lockman. 4 points.
The conflict over Palestine from its origins in the late 19th century to the present. Examines the evolution of this ongoing struggle in its historical context. Discusses the roles of the various parties to the conflict.

Israel: Fact Through Fiction
MEIS-UA 698  Identical to HBRJD-UA 780. Offered every other year. 4 points.
See description under Hebrew and Judaic studies.

Gender and Sexuality in Medieval Islamic Societies
MEIS-UA 787  Offered every other year. 4 points.
The role of culture in shaping fundamental sexual attitudes. Primary sources in translation include religious treatises on marriage and proper gender roles, love poetry, and stories from the Arabian Nights, supplemented by secondary studies.

Iran Past and Present
MEIS-UA 796  Offered every year. 4 points.
Iran since the nineteenth century, focusing on domestic, regional, and global forces. Topics include imperialism, nationalism, transnationalism, state-society relations, religion, class, gender, and sexuality.

Literature Courses
Except where indicated, there is no language prerequisite for these courses.

Landmarks of Modern and Contemporary Arabic Literature
MEIS-UA 708  Seminar. Offered every year. Uthman. 4 points.
Significant prose works (in translation) of the Arabic literary tradition from approximately the last hundred years are considered through the prisms of their multiple contexts—including, but not limited to, historical, social, cultural, gender, and class—and also examined as works of art.

Masterpieces of Arabic Literature in Translation
MEIS-UA 710  Identical to MEDI-UA 710. Offered every year. 4 points.
Arabic, Persian, and Turkish literature from pre-Islamic times to the present. Selected texts in translation (both prose and poetry) are studied as works of art in themselves and as a reflection of the societies that produced them.

Literature and Society in the Middle East
MEIS-UA 711  Offered every year. 4 points.
Selected works in translation of 20th-century poets, novelists, and short story writers that reflect changing conditions and mores within Middle Eastern and North African societies. Topics: conflicts between traditionalists and modernists, the impact of urbanization on rural societies, and the existential dilemmas of men and women.

Women and War: Contemporary Arabic Literature and Film
MEIS-UA 714  Identical to COLIT-UA 714, SCA-UA 731, CINE-UT 714. 4 points.
Women as central figures in the political upheavals of the modern Middle East. The gendering of war; the gender politics of national symbolism and liberation; the politics and aesthetics of documentary film; revolutionary erotic and anti-erotic; and combat and collaboration.

The Arabian Nights
MEIS-UA 716  Identical to MEDI-UA 714. Kennedy. 4 points.
An essential and dynamic literary meeting point between Arabic/Islamic literature and the Western canon. Close
reading of the structure of the original, as well as modern variations by authors such as Poe and Rushdie.

**Modern South Asian Literature**

MEIS-UA 717  Identical to COLIT-UA 717.  
Offered every year. Ilieva. 4 points.  
Offers advanced undergraduates a window on a rich and culturally varied area of the world, as well as an understanding of aspects of South Asian history and society as represented in translations of modern prose writing (short stories and novels).

**Introduction to Ancient Indian Literature**

MEIS-UA 718  Offered every year. Ilieva. 4 points.  
Introduces the rich and vast literary, religious, and philosophical heritage of Sanskrit, as well as excerpts from the Jain and Buddhist canons written in Prakrits and examples of Tamil poetry. Selections from Vedic literature, classical drama, epics, story literature, and lyric poetry in English translation.

**Middle Eastern Literature**

MEIS-UA 720  Formerly Topics in Arabic Literature. Identical to MEDI-UA 720.  
Offered every year. 4 points.  
Offerings (which may vary) focus on one or more Middle Eastern literary traditions and/or cultural traditions and/or genres of writing, using a thematic or theoretical approach.

**Arab Theatre and Film**

MEIS-UA 747  Offered periodically. 4 points.  
Examines recent trends in contemporary Arab theatre and film, contextualizing them within a broader history of Arab performance. Particular attention is given to how experimental practitioners have explored issues of human rights and the control of territories under the modern state.

**Travel Literature**

MEIS-UA 757  Identical to COLIT-UA 757. Halim. 4 points.  
Topics: “imaginative geography”; Greek versus Barbarian; the Hajj; Orientalism, Occidentalism, and ethnography; transnationalism in relation to class and gender; tourism; migrant workers; and exile and narratives of return. Representations of travel in different genres and contexts.

**Religion Courses**

**Islam and Politics**

MEIS-UA 674  Alatas. 4 points.  
Works of influential modern Islamic political thinkers that represent a wide spectrum of views and intellectual currents. Topics covered include modernity, democracy, human rights, state and governance, education, and women’s rights.

**History of Judaism: Emergence of Classical Judaism**

MEIS-UA 680  Identical to HBRJD-UA 100, RELST-UA 680. 4 points.  
See description under Hebrew and Judaic studies.

**What Is Islam?**

MEIS-UA 691  Identical to HIST-UA 85, RELST-UA 85. Offered every year. 4 points.  
The life of the Prophet Muhammad and the origins of Islam; beliefs and practices; differences between Sunni and Shi’ite Islam; Sufism; the spiritual, intellectual, and artistic life of the Islamic commonwealth; and modern Islamic revival.

**Islam in the World**

MEIS-UA 703  Identical to ANTH-UA 703. 4 points.  
Examines wide-ranging debates about what is orthodox and what unorthodox, what is permitted and what is not, how children and adults should be taught to “be Muslim,” and how to lead an ethical Muslim life.

**Introduction to Ancient Egyptian Religion**

MEIS-UA 719  Identical to RELST-UA 719.  
Offered periodically. 4 points.  
The nature of the gods, syncretism, private religion, theories of divine kingship, the judgment of the dead, cultic practices, the life of priests, the afterlife, wisdom literature as moral thought, festivals, funerary practices, creation myths, and foreign gods and influences.

**Women and Gender in Islam**

MEIS-UA 728  Offered every year. Katz. 4 points.  
Investigates the complexity of the messages and models relating to gender in one of the world’s most influential religious traditions. Beginning with the rise of Islam and sampling primary and secondary sources from a range of times and places, examines how foundational texts and personalities are interpreted and reinterpreted for changing times.

**Islamic Law and Society**

MEIS-UA 780  Offered every year. 4 points.  
Introduces law through a reading of its various genres and a study of secondary sources on ritual, criminal, and public law. How Islamic law has interacted with Islamic societies in historical practice and has adapted, or not adapted, to the challenges of modernity.

**The Qur’an and Its Interpretation**

MEIS-UA 781  Offered every other year. Katz. 4 points.  
The content, themes, and style of the Qur’an. Surveys the diversity of interpretive approaches to the text (legal, mys-
tical, sectarian, literary, and politically engaged) in the medieval and modern periods.

**Women and Islamic Law**
MEIS-UA 783 *Identical to SCA-UA 736, MEDI-UA 783.* 4 points.
How Islamic law has treated women in theory and practice. Medieval and modern legal texts regarding the status of women as believers, daughters, wives, mothers, and legal persons. Case studies from different periods of Islamic history and writings from contemporary anthropology.

**Judaism, Christianity, and Islam**
MEIS-UA 800 *Identical to MEDI-UA 25, HBRJD-UA 160, RELST-UA 102.* Offered every year. 4 points.
Comparative study of the three great monotheistic religious traditions, how each understood its origin and evolution, and their similarities and differences in matters of scripture, worship, authority, community, theology, and mysticism.

**Sufis: Mystics of Islam**
MEIS-UA 863 *Offered every other year. Alatas.* 4 points.
A general and interpretive narrative tracing of the development of Sufism from its period of origin until recent times. The course situates Sufism’s doctrines and practices in changing social, cultural, and historical contexts.

**Social Science Courses**

**Cinema, Politics, and Society in the Middle East**
MEIS-UA 678 *4 points.*
Examination of political and cultural issues including but not limited to war, identity and belonging, sexuality and gender, and immigration and asylum through films from and about Middle Eastern countries.

**Politics of the Middle East**
MEIS-UA 750 *Identical to POL-UA 540. Offered every year. Keshavarzian.* 4 points.
Middle Eastern and North African politics from the 19th century to the present. Examines the context of current struggles and delves into critical issues facing the peoples of the region.

**Topics Courses**

**Topics in 20th-Century Literature**
MEIS-UA 190 *May be taken up to four times for credit as topics change. 4 points.* Topics vary by semester.

**Topics in Middle Eastern History**
MEIS-UA 518 *Seminar. May be taken up to four times for credit as topics change. 4 points.* Advanced course. Topics vary by semester.

**Topics in Islamic History**
MEIS-UA 616 *May be taken up to four times for credit as topics change. 4 points.* Topics vary by semester.

**Topics in Middle Eastern History**
MEIS-UA 688 *Identical to HIST-UA 550. May be taken up to four times for credit as topics change. Offered every year. 4 points.* Focuses on a particular aspect of Islamic, Ottoman, or modern Middle Eastern history, with an emphasis on historiographical and comparative issues. Intended primarily for advanced undergraduates in Middle Eastern studies and in history, but other students may register with permission of the instructor.

**Independent Study**
MEIS-UA 997, 998 *Prerequisite: permission of the instructor. 1 to 4 points per term.*

**Internship**
MEIS-UA 980, 981 *Prerequisite: permission and placement for departmental majors from the director of undergraduate studies. 2 or 4 points per term.*

**Graduate Courses Open to Undergraduates**

The Middle Eastern and Islamic studies courses offered in the Graduate School of Arts and Science are open to qualified undergraduates. Permission of the instructor and the director of undergraduate studies is required. For further information, please consult the Graduate School of Arts and Science Bulletin.
DEPARTMENT OF
Music

as.nyu.edu/music
Waverly Building
24 Waverly Place, Room 268
New York, NY 10003-6789
212-998-8300

Chair of the Department
Professor Beckerman

Director of Undergraduate Studies
Associate Professor Cohen

OVERVIEW

The Department of Music offers both a major and a minor in music. Both programs give students the opportunity to gain proficiency in the theory, history, and interpretation of music throughout the world, and help them build a solid set of applied critical and listening abilities demanded of musicians and listeners today. The major offers students opportunities for independent research during their final year.

The department teaches a wide range of innovative courses in ethnomusicology, popular music, the cultural study of music, and sound studies. Many of these courses are open to non-majors. Some recent courses include: Music in the Post-9/11 World; Introduction to World Music; Music in New York; Music, Global Hip-Hop, and the Politics of Culture; and Music, Sound, and Technology.

The department’s Waverly Labs provide digital resources for composition and research. The department hosts the Washington Square Contemporary Music Society and a number of other performing ensembles and initiatives. Our majors and minors may also take private instrumental instruction with department support, and are eligible to join performance ensembles at the Steinhardt School. Our students take advantage of our location in one of the world’s major cultural centers by attending concerts and pursuing internships with New York recording companies, music magazines, or major performing arts organizations.

FACULTY

Professors Emeriti
Boorman, Roesner

Collegiate Professor; Carrol and Milton Petrie Professor of Music
Beckerman

Samuel Rudin Professor in the Humanities
Casick

Professors
Hoffman, Karchin

Associate Professors
Cohen, Daughtry, Mahon, Oliver, Samuels

Assistant Professor
Dang

Global Distinguished Professor
Moloney

Clinical Assistant Professors
Terry-Cabera, Teysier

Affiliated Faculty
Bravo (NYU Abu Dhabi)
Coleman (Gallatin)
Eisenberg (NYU Abu Dhabi)
Kapchan (Performance Studies, Tisch)
Morrison (Clive Davis)
Quayle (NYU Abu Dhabi)
Underwood (Avery Fisher Center for Music & Media)
Vasquez (Performance Studies, Tisch)
Wolff (History)
Departmental Objectives

The breadth and depth of knowledge offered by the major provide an excellent foundation for academic, creative, and performance work, offering a solid set of applied critical and listening abilities. The major is equally ideal for students seeking careers requiring a solid liberal arts background and strong analytical and critical skills, and for students interested in humanistic fields in which sonic culture is a central element. The music major cultivates the ability to interpret and analyze music as both text and performance. It gives students a broad understanding of the various issues currently being discussed in musical thinking and research, as well as a grounding in theory and the opportunity to engage in creative work. Qualified students can undertake advanced supervised research or composition in their senior year, leading to a thesis and the award of honors in the major.

The major program of study and our faculty's specializations offer superb foundations for further advanced studies in music as well as disciplines such as American studies, comparative literature, linguistic and cultural anthropology, Native American studies, popular culture, gender studies, Western and Central European culture and history, Slavic studies, Latin American and Latino studies, media studies, performance studies, theatre, environmental humanities, and sound studies.

Major

The major in music requires a total of ten 4-point courses (40 points) completed with a grade of C or better, as follows:

• Aural Perception (MUSIC-UA 193)
• Music Theory I and II (MUSIC-UA 201 and 202)
• Two courses in the area of music, history, and cultures
• Two courses in the area of sonic art
• Three electives, one of which must be designated as an advanced course. The advanced course is taken in fall of senior year.

Students may count up to four points of performance coursework in this department or in the Steinhardt School’s Department of Music and Performing Arts Professions toward the music major.

Minor

A total of four courses (16 points) completed with a grade of C or better is required for the music minor:

• One course in music theory
• One course in the area of music, history, and cultures
• One course in the area of sonic art or one additional course in the area of music, history, and cultures
• One additional course numbered at or above the MUSIC-UA 100 level. Four points of performance (from this department or Steinhardt) may be used for this requirement.

Policies Applying to the Major and Minor

A grade of C or higher is required for a course to count toward the major or minor; courses graded Pass/Fail do not count.

The College awards 4 points for a score of 4 or 5 on the Advanced Placement examination in Music Theory and counts this as elective credit toward the baccalaureate degree, but the credits...
do not count toward the music major or minor. CAS does not award any credit for International Baccalaureate or any other advanced standing examinations in music.

**Honors Program**

Highly motivated students may take part in the department’s honors program, which culminates during the senior year with an independent study supervised by a faculty member. Students must have a 3.65 GPA both in the major and overall to pursue honors. Honors students register for a semester or more of Independent Study (MUSIC-UA 997 or 998) in which they complete a capstone project in musicology or music history, ethnomusicology, analysis, or composition. This might take the form of an analytical or historiographical study of a major work or group of works, the writing of a musical composition of substantial dimensions, or a biographical study of a composer, all under the guidance of a faculty member. A student wishing to pursue departmental honors should apply to the director of undergraduate studies. There are also three departmental prizes that the department awards to exceptional students (listed in the awards and prizes section of this Bulletin).

**Performance**

Students pursuing a major or minor in music, and indeed all students in the College of Arts and Science, are encouraged to participate in musical performance, lessons, and ensembles. We believe that the joys of making music, the dedication and study necessary to perform music, and the collective effort required of ensemble participants constitute an inimitable experience that should have a central place in a liberal arts education. Students are encouraged to participate in the performance ensembles regularly offered (for credit) by our clinical faculty. They can also participate in the NYU Orchestra, and many of the lessons, programs, and ensembles associated with the Steinhardt School of Culture, Education, and Human Development’s Department of Music and Performing Arts Professions. Students are also invited to attend the numerous concerts that the department sponsors each year, as well as concerts of the Washington Square Contemporary Music Society. We encourage students to patronize the large collection of independent music venues located throughout Greenwich Village, and, more broadly, to participate in the vibrant music cultures found in all five boroughs of the city. Exploration of music in the city is a central component of the music major, and the Department’s faculty and graduate students regularly organize concert trips for our undergraduates.

In addition to participation in the various performance ensembles, the department encourages students to partake vigorously of the cultural life of New York City. Students are entitled to discounted tickets to the Metropolitan Opera, the New York Philharmonic, concerts of the World Music Institute, concerts of the Kalavant Center for Indian Music and Dance, and many other music-presenting organizations.

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**COURSES**

**Introductory Courses**

These courses are open to all students, but do not count toward the major.

**The Art of Listening**

MUSIC-UA 3  Offered every semester.

4 points.

Students acquire a basic vocabulary of musical terms, concepts, and listening skills in order to describe their responses to musical experiences. Considers the structure and style of influential works in the Western art music repertoire, popular music, or other musical cultures, with attention to the wider social, political, and artistic context.
The Elements of Music
MUSIC-UA 20  Recitation section required. Offered every semester. 4 points.
The underlying principles and inner workings of the tonal system that guided all of Western music from 1600 to 1900. Discussion of historical background and evolution; concepts and notation of key, scale, tonality, and rhythm. Related skills in sight-singing, dictation, and keyboard harmony in recitation.

Required Foundational Courses for the Major in Music
These courses are open to all students who meet the prerequisites, but non-majors may require departmental permission.

Aural Perception
MUSIC-UA 193  Formerly MUSIC-UA 209. Prerequisite: departmental permission.
4 points.
Topics vary by semester.

Music Theory I
MUSIC-UA 201  Formerly Harmony and Counterpoint I. Prerequisite: ability to read music and background in basic concepts of music theory. Laboratory section required. Offered every semester. 4 points.
Principles of tonal music composition including 18th and 19th century harmonic, formal, and contrapuntal practices. Exercises in four-part voice-leading and species counterpoint are supplemented by analyses of music from around the world and from a variety of genres, including concert and popular music.

Music Theory II
MUSIC-UA 202  Formerly Harmony and Counterpoint II. Prerequisite: Music Theory I (MUSIC-UA 201) or equivalent, or placement by departmental diagnostic exam.

Laboratory section required. Offered every year. 4 points.
Chromatic harmony as developed and practiced by composers of the 19th century and beyond. Introduction to score reading and principles of musical analysis applied to larger musical structures. Continuation of species counterpoint and an introduction to invertible counterpoint and fugue.

Topics Courses for the Major in Music
These courses are open to all students who meet the prerequisites, but non-majors may require departmental permission. Specific topics for some of these courses may vary by semester.

Jazz
MUSIC-UA 18  4 points.
Immerses students in the sounds of jazz, focusing largely on music made in New York City, the undisputed global capital of the genre. We listen to recordings, compare notes on the music, work with archival sources, meet musicians, attend concerts, and read a broad array of jazz scholarship and journalism. Considers the history of jazz in and beyond the city, and also explores the new shapes jazz is taking in the 21st century.

Music of New York
MUSIC-UA 100  Offered every summer. 4 points.
The vibrant musical life of New York in historical and cultural contexts. In-class presentations by local musicians and scholars and attendance at performances throughout the city.

Baroque and Classical Music
MUSIC-UA 102  Prerequisite: ability to read music. 4 points.
The works of Monteverdi, Vivaldi, J.S. Bach, Handel, Haydn, Mozart, and Beethoven; the ascendancy of the secular over the sacred; a new harmonic basis for musical structure: the basso continuo; theatricalization of music in opera, oratorio, and the cantata; the rise of instrumental sonatas and concertos; musical autonomy in the symphonies and quartets of the Viennese classicists.

19th Century Music
MUSIC-UA 103  Prerequisite: ability to read music. 4 points.
Major composers from Beethoven through the late 19th century. Topics include the effect of romanticism on musical forms (symphony, sonata, lied, opera) and the impact and influence of Wagner’s musical ideas.

20th Century Music
MUSIC-UA 104  Prerequisite: ability to read music. 4 points.
Revolutions of the early 20th century (Debussy, Schoenberg, Stravinsky, Bartók); mid-century trends (Webern, Boulez, Babbitt, Stockhausen); and discussion of Minimalism, Neo-Romanticism, Spectralism, and Post-Modernism.

Topics in 20th Century Music
MUSIC-UA 111  Ability to read music suggested. 4 points.
Topics range from the study of repertoire and its performance and reception to the exploration of how mass media has affected the way people listen to and interact socially with music.
Interpreting Song
MUSIC-UA 135  4 points.
What is a song and just how does it work? What makes a song good, and who decides? Draws on a variety of genres, time periods, and world cultures.

Words and Music
MUSIC-UA 140  4 points.
Is writing about music really like dancing about architecture? Explores the question of effective writing about music and sound in three ways: reading and analyzing outstanding and effective writing about music by others; by thinking and learning about approaches to writing; and by conducting independent research projects.

The Anthropology of Music
MUSIC-UA 153  Ability to read music recommended. Offered every semester. Dang, Daughtry, Mahon, Samuels. 4 points.
Explores the many ways musical practices are deeply embedded in social life. Through engagement with histories, politics, economic flows, and individual biographies, students encounter music’s and sound’s centrality to culture and society. Topics vary by semester.

Introduction to Celtic Music
MUSIC-UA 182  Identical to IRISH-UA 152. Offered every fall. Moloney. 4 points.
Traditional and contemporary music of Ireland, Scotland, Wales, Brittany, and Galicia. Range of singing styles and the musical instruments employed in each culture, including harps, bagpipes, and a variety of other wind, free reed, keyboard, and stringed instruments. Forms and musical styles explored in depth, along with a study of their origin, evolution, and cultural links.

Music and Sound Archives
MUSIC-UA 188  Half-semester course. 2 points.
Introduces students to music and sound archives at NYU and beyond, as well as to the questions of memory, historical evidence, and preservation they raise. Emphasizes collections that document social groups and historical developments through sound. Also addresses technical and ethical dilemmas that surround archival sound collection and preservation in the digital age.

Writing Histories of Music and Sound
MUSIC-UA 189  Half-semester course. 2 points.
Prepares students for future independent studies, thesis projects, and other general academic and professional writing. Foregrounds questions of historiography, archives, evidence, argument, and writing style. Students choose individual research projects in consultation with the instructor.

Music Analysis and Model Composition
MUSIC-UA 203  Formerly Music Theory III and Harmony and Counterpoint III. Prerequisite: Music Theory I (MUSIC-UA 201) or equivalent. Laboratory section required. 4 points.
Analysis of music of the late 19th, 20th, and 21st centuries, and the creation of imitative compositional models based on works and principles studied. Topics include: whole-tone and octatonic scale systems; atonality; serialism; post-modern and spectral techniques.

Performance and Analysis
MUSIC-UA 206  Prerequisite: departmental audition. May be repeated for credit. Karchin. 4 points.
Performance of works from varied periods with a focus on interpretation and analysis. Works may be studied as solo pieces or as group projects (chamber music). Regular coaching.

Principles of Musical Analysis
MUSIC-UA 209  Prerequisite: Music Theory I (MUSIC-UA 201) or permission of the instructor. 4 points.
Advanced study of issues of musical construction, production, and reception. Topics vary.

Principles of Composition
MUSIC-UA 307  Prerequisite: Music Theory I (MUSIC-UA 201) or permission of the instructor. Offered every year. 4 points.
Emphasizes modern-day writing procedures. Frequent composition as well as study of musical scores. Students compose an original piece of music for performance in an end-of-semester concert by professional New York musicians.

Special Courses

Special Topics Seminar
MUSIC-UA 901  Open to juniors and seniors, or by permission of the department. Offered every semester. 4 points.
Upper-level seminar. Topics vary by term.

Internship
MUSIC-UA 980, 981  Restricted to music majors and minors. Offered every semester. 2 or 4 points per term.
For details on internship guidelines, please consult the department’s website.

Independent Study
MUSIC-UA 997, 998  Prerequisite: approval of the director of undergraduate studies. Restricted to junior and senior music majors. Offered every semester. 2 or 4 points per term.
Primarily intended for students undertaking honors projects. Requires a research/writing project or composition under the supervision of a faculty member. Please consult the department’s website for guidelines for independent study proposals.
Graduate Courses Open to Undergraduates

Qualified undergraduates may register for graduate courses in music with the permission of the instructor and the director of undergraduate studies.
MINOR IN
Native American and Indigenous Studies

as.nyu.edu/history
53 Washington Square South
New York, NY 10012-1098
212-998-8600

Director
Associate Professor Needham (History)
Steering Committee
Associate Professor Anderson (Anthropology)
Assistant Professor Ellis (History)

Associate Professor Goetz (History)
Professor Saldaña (Social and Cultural Analysis)
Associate Professor Saranillio (Social and Cultural Analysis)
Assistant Professor Trujillo (English)

OVERVIEW

New York City is an Indigenous space. Even the original name of this island, Manahahtaan, reflects its Indigeneity—this is a Munsee word describing the hickory trees clustered at its southern tip. Today, New York City has the largest urban population of Native American and Indigenous residents in the United States.

Native American and Indigenous studies (NAIS) is an interdisciplinary field that draws on research in many disciplines across the College of Arts and Science, from the humanities to the social and natural sciences. Students minoring in NAIS explore the histories, cultures, and politics of Indigenous populations both within the Americas and beyond by taking courses in a wide array of departments, including but not limited to anthropology, art history, Caribbean and Latin American studies, creative writing, English, environmental studies, global public health, history, music, politics, public policy, and social and cultural analysis.

The five-course Native American and Indigenous studies minor introduces students to the main questions and debates in the field. It broadly educates students while also promoting student and faculty scholarship about the complexity and diversity of the cultures and histories of Indigenous peoples in the Americas and around the world. The minor encourages students to understand and assess the unique relationships between Indigenous people and governments. It asks students to analyze the contributions of Indigenous peoples to global society as well as the difficulties confronting Indigenous peoples and tribal nations. Finally, it provides students with foundational knowledge to assist them in finding innovative solutions to any number of challenges facing Indigenous populations worldwide.

FACULTY

Professor
Saldaña (Social and Cultural Analysis)

Associate Professors
Anderson (Anthropology), Goetz (History), Needham (History), Saranillio (Social and Cultural Analysis), Thomson (History)

Assistant Professors
Ellis (History), Trujillo (English)
PROGRAM

Minor

The minor in Native American and Indigenous studies requires five 4-point courses (20 points) completed with a grade of C or better, as follows:

- Four additional 4-point courses, one of which must address Native American or Indigenous communities in a historical context. Courses must be approved by the director.

Policies Applying to the Minor

Courses graded Pass/Fail do not count toward the minor.

Students may count up to two Indigenous language courses toward the minor.

Students may double count up to two NAIS minor courses toward their major or another minor, so long as each department or program agrees.

Students may petition the director as follows:

- To count one College Core Curriculum course toward the minor (see list of approved courses).
- To count one related internship course toward the minor.
- To count one Gallatin course (and only one) toward the minor.
- To count a course that does not focus on NAIS but is relevant to a student’s academic interest in the field. For example, if a student wishes to focus on gender and sexuality in Native American and/or Indigenous communities, the director might allow the student to count one course in gender and sexuality studies toward the minor.

COURSES

Elective Courses

One Gallatin course may be applied toward the minor. CAS students may apply 16 points taken in the other schools of NYU toward their degree. Students seeking to raise this limit so as to accommodate the course work of the minor in Native American and Indigenous studies must consult with the College of Arts and Science Advising Center (726 Broadway, 7th floor; 212-998-8130). Note that courses taken in the other schools of NYU do not count toward the 64-point residency requirement in CAS (-UA) courses for internal and external transfers to the College.

For course descriptions and prerequisites, please consult departmental websites and school Bulletins.

ANTHROPOLOGY

Culture, Power, Society
ANTH-UA 1 4 points.

Language, Power, Identity
ANTH-UA 16 4 points.

Ethnography and Ethnohistory of the Andes
ANTH-UA 47 4 points.

Contemporary Issues in the Caribbean
ANTH-UA 102 4 points.

Peoples of Latin America
ANTH-UA 103 4 points.
State and Society in South Asia
ANTH-UA 104  4 points.

Anthropology of Gender and Sexuality
ANTH-UA 112  4 points.

Culture, Power, and Visual Representation
ANTH-UA 122  4 points.

Media, Culture, and Society
ANTH-UA 123  4 points.

Prehistoric Hunters and Gatherers
ANTH-UA 210  4 points.

Decolonizing and Reassembling the Museum (Topical Seminar in Social and Cultural Anthropology I)
ANTH-UA 320  4 points.

Law, Anthropology, and Social Justice (Topical Seminar in Social and Cultural Anthropology I)
ANTH-UA 320  4 points.

Race, Difference, and Social Inequality
ANTH-UA 323  4 points.

Reimagining Community: Race, Nation, and the Politics of Belonging
ANTH-UA 325  4 points.

Language and Law
ANTH-UA 329  4 points.

Human Rights and Culture
ANTH-UA 331  4 points.

Violence, Gender, and the Law
ANTH-UA 332  4 points.

The Color of Race in the Americas: Post Racial Mythologies
ANTH-UA 333  4 points.

Anthropology and Transnationalism
ANTH-UA 400  4 points.

The Social Life of Food: Producing, Selling, Cooking, Sharing, Eating
ANTH-UA 410  4 points.

Anthropology of Indigenous Australia
ANTH-UA 9037  4 points.

Anthropology of Indigenous Art
ANTH-UA 9038  4 points.

Culture, Identity, and Politics in Latin America (in Spanish)
ANTH-UA 9100  4 points.

ART HISTORY
Topics in Latin American Art: Colonial to Modern Indigenous Cinemas
ARTH-UA 316  4 points.

North American Indian Arts
ARTH-UA 570  4 points.

COLLEGE CORE CURRICULUM
Students must petition the director for permission to count one College Core Curriculum course toward the minor.

Cultures and Contexts: Latin America
CORE-UA 515  4 points.

Cultures and Contexts: Indigenous North America
CORE-UA 519  4 points.

Cultures and Contexts: Indigenous Australia
CORE-UA 536  4 points.

Cultures and Contexts: Asian/Pacific/American Cultures
CORE-UA 539  4 points.

Cultures and Contexts: New World Encounters
CORE-UA 541  4 points.

HISTORY
The U.S. to 1865
HIST-UA 9  4 points.

Africa before Colonialism
HIST-UA 55  4 points.

Native North America
HIST-UA 87  4 points.

Race and Ethnicity in Latin America
HIST-UA 88  4 points.

Native Americans in Early American History
HIST-UA 441  4 points.

Topics: Early American Revolutions
HIST-UA 443  4 points.

American Colonial History
HIST-UA 601  4 points.

American Indian Policy since 1750
HIST-UA 620  4 points.

Colonial Latin America
HIST-UA 743  4 points.

History of Mexico
HIST-UA 752  4 points.

History of the Andes
HIST-UA 753  4 points.

Conquest and Origins of Colonialism: Latin America
HIST-UA 757  4 points.

Crafting Indigenous Histories
HIST-GA 2707  Open to undergraduates with permission of the instructor. 4 points.
LATIN AMERICAN AND CARIBBEAN STUDIES

Beginning Quechua I
LATC-UA 10 1 4 points.

Beginning Quechua II
LATC-UA 102 4 points.

Intermediate Quechua I
LATC-UA 103 4 points.

Intermediate Quechua II
LATC-UA 104 4 points.

Language and Power in Colonial and Postcolonial Latin America
LATC-UA 600 4 points.

Students may inquire about taking Mixtec at Lehman College and Nahuatl at Columbia University for transfer credit. This requires a petition to the CAS Associate Dean for Students (726 Broadway, 7th floor; 212-998-8140).

LINGUISTICS

Indigenous Languages of the Americas
LING-UA 9 4 points.

Language in Latin America
LING-UA 30 4 points.

Introduction to African Languages
LING-UA 9058 4 points.

SOCIAL AND CULTURAL ANALYSIS

Comparative U.S. Ethnic Studies
SCA-UA 224 4 points.

Intersections: Race, Gender, and Sexuality in U.S. History
SCA-UA 230 4 points.

Social Movements and Alternative Futures
SCA-UA 237 4 points.

Topics: Critical Indigenous Theory
SCA-UA 280 4 points.

Food, Land, and Power
SCA-UA 380 4 points.

The Australian Experience
SCA-UA 9809 4 points.

Students may take Swahili, Tagalog, Twi, and Yoruba under SCA course numbers. Students may also take Indonesian, Wolof, Yoruba (intermediate-level only; elementary level offered in CAS), and Zulu through an Exchange Agreement with Columbia University (can be found on Albert under the Subject code “COLU-UA”). Swahili is also available there when SCA cannot offer it. Consult with the CAS Office of Academic Affairs (726 Broadway, 7th floor; 212-998-8110) for information on the NYU Columbia Exchange Program. In addition, students may inquire about taking Hausa and Pulaar at Columbia University for transfer credit; this requires a petition to the CAS Associate Dean for Students (726 Broadway, 7th floor; 212-998-8140).

SPANISH AND PORTUGUESE LANGUAGES AND LITERATURE

The Iberian Atlantic
SPAN-UA 201 Formerly SPAN-UA 300. 4 points.

GALLATIN SCHOOL OF INDIVIDUALIZED STUDY

Narratives of African Civilizations
IDSEM-UG 1197 4 points.

Feminism, Empire, and Postcoloniality
IDSEM-UG 1523 4 points.

Aesthetic Justice
IDSEM-UG 1883 4 points.

Indigenous Futures: Decolonizing NYC—Documenting the Lenape Trail
IDSEM-UG 1900 6 points.

Social Theory and Curatorial Practice
IDSEM-UG 1901 4 points.

Students must petition the director for permission to count one Gallatin course toward the minor.
Neural science spans multiple disciplines for studying the function of the brain. Experimental approaches in neural science vary from analyses of molecular and cellular mechanisms in nerve cells and groups of nerve cells to behavioral and psychological studies of whole organisms. Theoretical tools include mathematical and computational modeling approaches that have proved useful in other areas of science. Experimental questions include issues related to biophysical and neurochemical mechanisms within single nerve cells, functional neural circuits consisting of small numbers of neurons, the behavior of large systems of neurons, and the relationship between the activity of elements of the nervous system and the behavior of organisms. The Center for Neural Science confers the B.S. degree in neural science (there is no B.A degree for this major, nor is there a minor).

**FACULTY**

Henry And Lucy Moses  
Professor of Science and University Professor; Professor of Neural Science and Psychology  
LeDoux

Natalie Clews Spencer  
Professor of the Sciences; Professor of Neural Science, Biology, and Psychology  
Shapley

Silver Professor; Professor of Neural Science, Economics, and Psychology  
Glimcher

Silver Professor; Professor of Neural Science and Psychology  
Movshon

Collegiate Professor; Professor of Neural Science and Psychology  
Kiorpes

Professors  
Alberini, Angelaki, Aoki, Carew, Carter, Fenton, Hawken, Heeger, Klann, Ma, Pesaran, Reyes, Rinzel, Sanes, Semple, Simoncelli, Suzuki, Wang

Associate Professor  
Kianiw

Assistant Professors  
Constantinople, Peron, Savin, Schneider

Global Distinguished Professor  
Dudai

**PROGRAM**

**Major**

The neural science major (a minor is not offered) comprises fifteen courses (63 points). It requires these six courses (24 points) offered by the Center for Neural Science:

- Introduction to Neural Science (NEURL-UA 100)
- Cellular and Molecular Neurobiology (NEURL-UA 210)
- Behavioral and Integrative Neuroscience (NEURL-UA 220)
- Three elective courses in neural science (may include NEURL-UA 302, NEURL-UA 305)
The balance of the major requirements (nine courses/39 points) is taken in other departments, as follows:

- General Chemistry and Laboratory I, II (CHEM-UA 125, 126)
- Principles of Biology I, II (BIOL-UA 11, 12)
- Molecular and Cell Biology I (BIOL-UA 21)
- General Physics II (PHYS-UA 12). Please note that General Physics I (PHYS-UA 11), or credit for AP Physics C (Mechanics), is a prerequisite for General Physics II. Exceptions may be made on a case-by-case basis by the Department of Physics. Students are not automatically permitted to take PHYS-UA 12 before/without PHYS-UA 11.
- Calculus I (MATH-UA 121)
- One approved statistics course, such as Statistics for the Behavioral Sciences (PSYCH-UA 10)
- One approved upper-level course in either psychology or biology

Prehealth students must take, in addition to the above, Principles of Biology Lab (BIOL-UA 123), General Physics I (PHYS-UA 11), Organic Chemistry and Laboratory I, II (CHEM-UA 225, 226), and Biochemistry I (CHEM-UA 881). These courses are not required for the major in neural science.

AP or other advanced standing credit is only accepted for the calculus and statistics requirements. This is on a case-by-case basis and must be approved by a neural science adviser.

A grade of B- or higher in Introduction to Neural Science (NEURL-UA 100) is the prerequisite to declaring the major (a grade of C or better is required for all other courses in the major). Exceptions may be made for students taking NEURL-UA 100 in the spring of sophomore year; however, they must earn a B- or better in NEURL-UA 100 to remain declared.

Note that Introduction to Neural Science is offered only in the spring term. Students may take it as early as their first year if they are well-prepared and their schedules permit it, but taking it in the spring of their sophomore year does not endanger their ability to complete this major and graduate in two more years.

Students should meet with a neural science adviser as early in their NYU career as possible (freshman year is recommended).

**Honors Program**

To graduate with honors in neural science, students must achieve a GPA of 3.65 in both the major and overall.

In the fall semester of their senior year, students seeking honors must complete the Honors Seminar (NEURL-UA 301). In the spring of their senior year, they must present a paper at the College’s annual Undergraduate Research Conference and the department’s Undergraduate Research Conference and submit an honors thesis that is accepted by the faculty sponsor and the director of undergraduate studies.

Admittance to the laboratory courses associated with Cellular and Molecular Neurobiology (NEURL-UA 210) and Behavioral and Integrative Neuroscience (NEURL-UA 220) is assured and required only for students in the honors track.
COURSES

Required Courses for the Major

Introduction to Neural Science
NEURL-UA 100  Prerequisite: Principles of Biology I (BIOL-UA 11). A grade of B- or higher in this course is required to declare the major in neural science. Offered in the spring. Glimcher, Movshon. 4 points.
Introductory lecture covering fundamental topics: principles of brain organization; structure and ultrastructure of neurons; neurophysiology and biophysics of excitable cells; synaptic transmission; neurotransmitter systems and neurochemistry; neuropharmacology; neuroendocrine relations; molecular biology of neurons; development and plasticity of the brain; aging and diseases of the nervous system; organization of sensory and motor systems; structure and function of the cerebral cortex; modeling of neural systems.

Behavioral and Integrative Neuroscience
NEURL-UA 220  Prerequisite: Introduction to Neural Science (NEURL-UA 100). Offered in the spring. Constantinople, Kiani, Peron, Pesaran. 4 points. The laboratory section (intended primarily for honors students in the neural science major) carries the same prerequisites and is taught by the same instructors; offered in the spring; 2 points. Sensory process, learning and memory, motivational and attentional mechanisms, and the motor system. Laboratories employ a range of electrophysiological techniques, lesions and pharmacological manipulations, and various behavioral techniques to examine the integrative processes by which the brain governs behavior. Note: Neural science majors on the honors track must register for both the lecture and the laboratory, but these need not be taken simultaneously; other interested students will be placed on a waitlist and then enrolled if space permits.

Cellular and Molecular Neurobiology
NEURL-UA 210 Prerequisites: Introduction to Neural Science (NEURL-UA 100) and Molecular and Cell Biology I (BIOL-UA 21). Offered in the fall. Aoki, Carter, Klann, Reyes. Lecture. 4 points. The laboratory section (intended primarily for honors students in the neural science major) carries the same prerequisites and is taught by the same instructors; offered in the fall; 2 points. Cell structure and organization of the vertebrate central nervous system; mechanisms underlying neural signaling and plasticity; control of cell form and its developmental determinants. Laboratory instruction in anatomical, physiological, and biochemical methods for investigating the biology of nerve cells. Note: neural science majors on the honors track must register for both the lecture and the laboratory, but these need not be taken simultaneously; other interested students will be placed on a waitlist and then enrolled if space permits.

Elective Courses for the Major

Special Topics in Neural Science
NEURL-UA 302 Prerequisites: Cellular and Molecular Neurobiology (NEURL-UA 210) and/or Behavioral and Integrative Neuroscience (NEURL-UA 220), or permission of the instructor. May be repeated twice (taken three times) for credit as content changes. Offered in the fall and spring. 4 points. Lectures present background material and address current problems; reading and discussion of review articles and current literature on the topic. Topics vary and may include cognitive neural science, signal processing in neural networks, molecular mechanisms of memory, motor function, vision, and computational neuroscience. Students may take up to three different versions of this course for credit.

Development of the Nervous System
NEURL-UA 305 Prerequisites: Introduction to Neural Science (NEURL-UA 100) and Cellular and Molecular Neurobiology (NEURL-UA 210). Offered in the spring. Sanes. 4 points. Examines behavioral milestones and explains them at the level of neural mechanisms. Topics include the enormous diversity of neuron and glial cell types; changes in neuronal function and connectivity during the period of developmental plasticity; environmental influences; the disruption of normal developmental mechanisms and the neurological disorders this causes.

Honors and Independent Study

Honors Seminar
NEURL-UA 301 Required for students on the honors track. Offered in the fall. Louie. 4 points. Covers both practical and theoretical aspects of succeeding in science. Topics include: scientific writing; authorship and publication practices; navigating mentorship relationships; oral presentation skills. Weekly seminar with active participation, including student presentation of journal articles and presentations of students’ own research projects.

Independent Study
NEURL-UA 997, 998 Offered in the fall and spring. 1 to 4 points per term. Independent study with a Center for
Neural Science faculty member.
Open to advanced neural science majors with permission of the director of undergraduate studies.
DEPARTMENT OF Philosophy

as.nyu.edu/philosophy
5 Washington Place
New York, NY 10003-6611
212-998-8320

Chair of the Department
Professor Boghossian

Director of Undergraduate Studies
Professor Moss

OVERVIEW

Philosophy poses general questions about reality, knowledge, reasoning, language, and conduct. Some areas include metaphysics (What is the ultimate nature of reality? What really exists and what is mere appearance?), epistemology (What, if anything, can be known and how?), logic (What are the principles of correct reasoning?), and ethics (What is moral value? And what moral values should we adopt?). Other areas address questions concerning the nature of art, law, medicine, mind, politics, religion, and the sciences.

Everyone tends to have or assume answers to these questions. The aim of the department is to enable students to identify, clarify, and assess these answers, both ancient and modern. Philosophy prepares students for a more reflective life, for advanced studies in the subject, and for professions that emphasize analytic thinking and argumentation, such as law, business, and programming.

FACULTY

Professors Emeriti
Foley, Kamm, Longuenesse, Nagel, Ruddick, Schiffer Velleman

University Professor; Silver Professor; Professor of Philosophy
Field

University Professor; Silver Professor; Professor of Philosophy and Mathematics
Fine

University Professor; Professor of Philosophy
Scheffler

Silver Professor; Professor of Philosophy and Psychology
Block

Silver Professors; Professors of Philosophy
Boghossian, Garrett

Professor of Philosophy and Law
Appiah

Professor of Philosophy and Classics
Malink

Professors
Chalmers, Dorr, Hopkins, Horwich, Maudlin, Moss, Richardson, Street, Strevens, Unger

Associate Professors
Franklin-Hall, Friedman, Jauernig

Assistant Professors
Mandelkern, Viehoff

Global Distinguished Professor
Wright

Bersoff Fellows
Chaplin, Dandelet, Gomez, Sanchez, Zhang

Associated Faculty
Jamieson, Murphy, Passos-Ferreira, Shaw, Wakefield, Waldron

Affiliated Faculty
Bain, de Vries, Dyke, Fogal, Liao, Mitsis, Sebo

Affiliated NYU Abu Dhabi Faculty
Coffey, Kukkonen, Paul, Rabin, Silverstein

Affiliated NYU Shanghai Faculty
Teng, Weslake
Major in Philosophy

A major in philosophy requires ten 4-point courses (40 points) in the department. These ten courses must include the following:

- One (and only one) introductory course (PHIL-UA 1, 2, 3, 4, 5, 6, 7, or 8)
- Logic (PHIL-UA 70)
- Ancient Greek and Roman Philosophy (PHIL-UA 20)
- Early Modern European Philosophy (PHIL-UA 21)
- Ethics (PHIL-UA 40) or Nature of Values (PHIL-UA 41) or Political Philosophy (PHIL-UA 45)
- Epistemology (PHIL-UA 76) or Metaphysics (PHIL-UA 78) or Philosophy of Science (PHIL-UA 90)
- Philosophy of Mind (PHIL-UA 80) or Philosophy of Language (PHIL-UA 85)
- One topics course (PHIL-UA 101, PHIL-UA 102, PHIL-UA 103, or PHIL-UA 104)
- The remaining two courses may be chosen from any departmental offerings, except introductory courses.

All students must begin with one (and only one) of the introductory courses. Satisfactory completion of any one course at the introductory level is a prerequisite for all of the other courses required for the major, except Logic. It is recommended that those considering a major take Logic as soon as possible.

No credit toward the major is awarded for a course with a grade lower than C. Courses graded Pass/Fail do not count.

Joint Major in Language and Mind

This major, intended as an introduction to cognitive science, is administered by the Departments of Linguistics, Philosophy, and Psychology. Ten courses (40 points) with a grade of C or higher are required (four in linguistics, one in philosophy, four in psychology, and one additional course). Courses graded Pass/Fail do not count. Joint majors should consult with the directors of undergraduate studies of the three participating departments for advisement.

The linguistics component consists of these four courses:

- Language and Mind (LING-UA 3; identical to PSYCH-UA 27) or Language (LING-UA 1)
- Two courses chosen from the following:
  - Introduction to Semantics (LING-UA 4)
  - Phonological Analysis (LING-UA 12)
  - Grammatical Analysis (LING-UA 13)
- One course, chosen from the following:
  - Introduction to Semantics (LING-UA 4)
  - Psycholinguistics (LING-UA 5; identical to PSYCH-UA 56)
  - Patterns in Language (LING-UA 6)
  - Formal Languages (LING-UA 7)
  - Sound and Language (LING-UA 11)
  - Phonological Analysis (LING-UA 12)
  - Grammatical Analysis (LING-UA 13)
  - Advanced Semantics (LING-UA 19)
  - Propositional Attitudes (LING-UA 35)
  - The Syntax/Semantics Interface Cross-linguistically (LING-UA 37)
  - Neural Bases of Language (LING-UA 43; identical to PSYCH-UA 300)
  - Linguistics as Cognitive Science (LING-UA 48; identical to PSYCH-UA 48)
  - Machine Learning for Language Understanding (LING-UA 52; identical to DS-UA 203)
Learning to Speak (LING-UA 54)
Introduction to Morphology at an Advanced Level (LING-UA 55)
First Language Acquisition (LING-UA 59; identical to PSYCH-UA 59)

The philosophy component is a choice of one of the following three courses:
• Minds and Machines (PHIL-UA 5)
• Logic (PHIL-UA 70)
• Philosophy of Language (PHIL-UA 85)

The psychology component consists of four courses:
• Statistics for the Behavioral Sciences (PSYCH-UA 10) or Advanced Psychological Statistics (PSYCH-UA 11)
• Cognition (PSYCH-UA 29)
• One course chosen from among the following:
  □ Psycholinguistics (PSYCH-UA 56; identical to LING-UA 5)
  □ Language Acquisition and Cognitive Development (PSYCH-UA 300)
  □ Neural Bases of Language (PSYCH-UA 300; identical to LING-UA 43)
  □ Speech: A Window into the Developing Mind (PSYCH-UA 300)
• One course chosen from among the following:
  □ Perception (PSYCH-UA 22)
  □ Cognitive Neuroscience (PSYCH-UA 25)
  □ Laboratory in Cognition and Perception (PSYCH-UA 46)
  □ Psycholinguistics (PSYCH-UA 56; identical to LING-UA 5)
  □ Language Acquisition and Cognitive Development (PSYCH-UA 300)
  □ Neural Bases of Language (PSYCH-UA 300; identical to LING-UA 43)

The tenth course will be an additional course from the lists above that has not already been taken to satisfy the departmental components.

Minor in Philosophy
A minor in philosophy requires four 4-point courses (16 points) in the department. These four courses must include one (and only one) introductory course (PHIL-UA 1-8), and one course from each of the department’s three subject groupings:
• Group 1: History of Philosophy
• Group 2: Ethics, Values, and Society
• Group 3: Logic, Epistemology, Metaphysics, Mind and Language

No credit toward the minor is awarded for a course with a grade lower than C.

Independent Study
A student may register for an independent study course (PHIL-UA 301, 302; 2 or 4 points per term) if he or she obtains the consent of a faculty member who approves the study project and agrees to serve as adviser. The student must also obtain the approval of either the department chair or the director of undergraduate studies. The student may take no more than one such course in any given semester and no more than two such courses in total, unless granted special permission by either the department chair or the director of undergraduate studies.

Honors Program
Students majoring in philosophy who will have completed at least five philosophy courses by the
end of the first semester of their junior year and have a GPA of 3.65 or higher, both in philosophy and overall, may apply to the director of undergraduate studies for admission to the departmental honors program. Students should apply when requesting registration clearance for the Spring semester of their junior year. Honors in philosophy will be awarded to philosophy majors who successfully complete the honors program with a GPA of 3.65 or higher both in philosophy and overall. The honors program requires at least eleven courses in philosophy (44 points). These courses must (1) satisfy the requirements for the major and (2) include both the Junior Honors Proseminar (PHIL-UA 201) and the Senior Honors Thesis Workshop (PHIL-UA 202). (For purposes of the major requirements, one of these two courses may be counted as an elective.) Together, the two honors courses constitute a two-semester honors thesis capstone experience. Students must be accepted into the honors program before taking the Junior Honors Proseminar in the spring of the junior year; the Senior Honors Thesis Workshop is then taken in the fall of the senior year. Students who wish to join the honors program and to study away from New York in their junior year should consult early on with the director of undergraduate studies to find a suitable arrangement.

COURSES

Course Prerequisites

The department treats its course prerequisites seriously. Students not satisfying a course’s prerequisites must seek the permission of the instructor to register.

Introductory Courses

All introductory courses provide training in philosophical argument and writing. Only one introductory course can count toward the major or minor.

Central Problems in Philosophy

PHIL-UA 1 Formerly PHIL-UA 10. Offered every year. 4 points.
An introduction to philosophy through the study of selected central problems. Topics may include: free will; the existence of God; skepticism and knowledge; the mind-body problem.

Great Works in Philosophy

PHIL-UA 2 Offered every year. 4 points.
An introduction to philosophy through the study of some of the most important and influential writings in its history.

Authors studied may include Plato, Aristotle, Descartes, Hume, Kant, Nietzsche, Wittgenstein.

Ethics and Society

PHIL-UA 3 Formerly PHIL-UA 5. Offered every year. 4 points.
An introduction to philosophy through the study of selected moral, social, and political issues. Topics may include: criminal justice and punishment; political authority and civil disobedience; toleration and free speech; racial justice.

Life and Death

PHIL-UA 4 Formerly PHIL-UA 17. Offered every year. 4 points.
An introduction to philosophy through the study of issues bearing on life and death. Topics may include: definition and value of life; grounds for creating, preserving, and taking life; personal identity; ideas of death and immortality; abortion and euthanasia.

Minds and Machines

PHIL-UA 5 Formerly PHIL-UA 15. Offered every year. 4 points.
Introduction to philosophy through the study of issues in cognitive science. Topics may include: conflicts between computational and biological approaches to the mind; whether a machine could think; the reduction of the mind to the brain; connectionism and neural nets.

Global Ethics

PHIL-UA 6 Offered every year. 4 points.
Introduces three broad traditions of normative thinking: one Confucian tradition, one based in Islamic law, and one derived from European liberalism. Addresses three current areas of normative debate: global economic inequality, gender justice, and human rights. Explores these first-order questions against the background of the three broad traditions.

Consciousness

PHIL-UA 7 Offered every other year. Block. 4 points.
Examines conceptual and empirical issues about consciousness. Issues covered may include: the explanatory gap; the hard and harder problems of consciousness; phenomenal concepts;
the mind-body problem; neural correlates of consciousness; higher-order theories of consciousness; arguments for dualism.

**Philosophical Approaches to Race and Racism**
PHIL-UA 8  4 points.
A philosophical exploration of race and racism. Explores the concept of race, and examines normative and conceptual issues surrounding the most morally significant of the ways in which “race” has mattered for social life. Asks what racism is, what sorts of things can be racist, and what makes racism wrong. Considers some possible responses to racism: for example, should the state, or we in our private lives, be colorblind?

**Group 1: History of Philosophy**

**Ancient Greek and Roman Philosophy**
PHIL-UA 20  Formerly History of Ancient Philosophy. Prerequisite: one introductory course. Offered in the fall. 4 points.
Examines some of the most important philosophical ideas and developments in Ancient Greece and Rome. Covers major writings by Plato and Aristotle, and a selection of writings by such thinkers as the Presocratics, Stoics, Epicureans, and Skeptics.

**Early Modern European Philosophy**
PHIL-UA 21  Formerly History of Modern Philosophy. Prerequisite: one introductory course. Offered in the spring. 4 points.
Examines some of the most important philosophical ideas and developments in seventeenth- and eighteenth-century Europe. Covers some of the major writings of Descartes, Spinoza, Leibniz, Locke, and Hume, and concludes with a brief examination of some aspects of Kant’s philosophy. (Kant is examined in more detail in PHIL-UA 30.) May also include writings of Hobbes, Malebranche, Elisabeth of Bohemia, Conway, Berkeley, and Shepherd, among others.

**Plato**
PHIL-UA 22  Prerequisite: one introductory course. Offered periodically. 4 points.
Examines various aspects of Plato’s philosophy: ethics, metaphysics, epistemology, psychology, and political philosophy. Aims to understand Plato’s ideas and to engage with them philosophically through careful readings of selected dialogues.

**Aristotle**
PHIL-UA 24  Prerequisite: one introductory course. Offered every other year. 4 points.
Examines various aspects of Aristotle’s philosophy: ethics, psychology, physics, metaphysics, and epistemology. Aims to understand Aristotle’s ideas and to engage with them philosophically through careful reading of his works.

**Medieval Philosophy**
PHIL-UA 25  Formerly Philosophy in the Middle Ages. Identical to MEDI-UA 60. Prerequisite: one introductory course. Offered periodically. 4 points.
Examines some of the most important philosophical ideas and developments of the medieval period. Authors discussed may include, among others, Augustine, Ibn Sina, Anselm, Ibn Rushd, Thomas Aquinas, Duns Scotus, and William of Ockham.

**Kant**
PHIL-UA 30  Prerequisite: one introductory course. Offered periodically. 4 points.
Study of some of Immanuel Kant’s major works, including the Critique of Pure Reason, the Prolegomena to Any Future Metaphysics, the Groundwork for the Metaphysics of Morals, and the Critique of Practical Reason.

**Twentieth-Century Continental Philosophy**
PHIL-UA 32  Formerly From Hegel to Nietzsche. Prerequisite: one introductory course. Offered periodically. 4 points.
Examines some of the most important philosophical ideas and developments in Europe in the nineteenth century, preceded by a brief examination of some aspects of Kant’s philosophy. (Kant is examined in more detail in PHIL-UA 30.) Covers major writings by Hegel, and a selection of writings, determined by the special focus of the particular version of the course, from such thinkers as Fichte, Schelling, Feuerbach, Schopenhauer, Mill, Comte, Marx, Kierkegaard, and Nietzsche.

**Topics in the History of Philosophy**
PHIL-UA 101  Prerequisite: one course from those listed in Group 1: History of Philosophy. May be repeated once for credit as topics change. Offered every year. 4 points.
Careful study of a few topics in the history of philosophy—either one philosopher’s treatment of several philosophical problems, or several philosophers’ treatments of one or two closely related problems. Examples: Confucianism; ancient skepticism; theories of causation in early modern philos-

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Group 2: Ethics, Values, and Society

Ethics
PHIL-UA 40  Prerequisite: one introductory course. Offered every semester. 4 points.
Examines fundamental questions of moral philosophy: What are our most basic values, and which of them are specifically moral values? What are the ethical principles, if any, by which we should judge our actions, ourselves, and our lives?

The Nature of Values
PHIL-UA 41  Prerequisite: one introductory course. Offered every year. 4 points.
Examines the nature and grounds of judgments about moral and/or nonmoral values. Are such judgments true or false? Can they be more or less justified? Are the values of which they speak objective or subjective?

Applied Ethics
PHIL-UA 42  Prerequisite: one introductory course. Offered periodically. 4 points.
Explores contemporary debates regarding contentious ethical issues. It has two aims: (1) to identify the moral theories and concepts shaping these debates and (2) to use these debates to refine and evaluate these theories and concepts. Topics may be drawn from areas such as environmental ethics, business ethics, and medical ethics.

Empirical Moral Psychology
PHIL-UA 43  Prerequisite: one introductory course. Offered every other year. 4 points.
Surveys recent empirical studies of how humans make moral judgments and decisions, and assesses the significance of this work for some of the traditional concerns of moral philosophy. Readings are drawn from social psychology, evolutionary biology, cognitive neuroscience, and philosophical texts from the Western ethical tradition.

Political Philosophy
PHIL-UA 45  Prerequisite: one introductory course. Offered every other year. 4 points.
Examines fundamental issues concerning the justification of political institutions. Topics may include: democratic theory; political obligation and liberty; criteria of a just society; human rights; and civil disobedience.

Medical Ethics
PHIL-UA 50  Offered every year. 4 points.
Examines moral issues in medical practice and research. Topics include: euthanasia and quality of life; deception, hope, and paternalism; malpractice and unpredictability; patient rights, virtues, and vices; animal, fetal, and clinical research; criteria for rationing medical care; ethical principles, professional codes, and case analysis (for example, Quinlan, Willowbrook, Baby Jane Doe).

Philosophy of Law
PHIL-UA 52  Prerequisite: one introductory course. Offered every other year. 4 points.
Examines the nature of law, its relations to morality, and its limits. Topics: positivism and natural law theory; theories of criminal justice and punishment; concepts of liberty, responsibility, and rights. Considers the views of such thinkers as Austin, Bentham, Dworkin, Fuller, Hart, and Rawls.

Philosophical Perspectives on Feminism
PHIL-UA 55  Offered periodically. 4 points.
A survey and analysis of social, political, and epistemological issues concerning sex and gender.

Aesthetics
PHIL-UA 60  Prerequisite: one introductory course. Offered every other year. 4 points.
Introduces problems raised by the nature of art, artworks, and aesthetic judgment. Considers the expressive and representational properties of artworks, aesthetic attention, and appreciation, as well as the creation, interpretation, and criticism of artworks. Readings from classical and contemporary sources.

Topics in Ethics and Political Philosophy
PHIL-UA 102  Prerequisite: Ethics (PHIL-UA 40), The Nature of Values (PHIL-UA 41), or Political Philosophy (PHIL-UA 45). May be repeated once for credit as topics change. Offered every year. 4 points.
Thorough study of various concepts and issues in current theory and debate. Examples: moral and political rights; virtues and vices; equality; moral objectivity; the development of moral character; the variety of ethical obligations; ethics and public policy.

Living a Good Life: Greek and Jewish Perspectives
PHIL-UA 422  Identical to HBRJD-UA 422 and RELST-UA 422. Counts as an elective toward the philosophy major, and satisfies group 2 (ethics, values, and society) in the philosophy minor. Students may not count both PHIL-UA 422 and 428 toward the philosophy major or minor. Offered every one to two years. Gottlieb. 4 points.
See description under Hebrew and Judaic studies.

Creating a Good Society: Christian and Jewish Perspectives
PHIL-UA 428  Identical to HBRJD-UA 428 and RELST-UA 428. Recommended prerequisite: Living a Good Life: Greek and Jewish Perspectives (PHIL-UA 422). Counts as an elective toward the philosophy major, and satisfies group 2 (ethics, values, and society) in the philosophy minor. Students may not count both PHIL-UA 422 and 428 toward the philosophy major or minor. Offered every one to two years. Gottlieb. 4 points.
See description under Hebrew and Judaic studies.
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Group 3: Logic, Epistemology, Metaphysics, Mind and Language

Logic
PHIL-UA 70  Offered every semester.
4 points.
An introduction to the basic techniques of sentential and predicate logic. Students learn how to put arguments from ordinary language into symbols, how to construct derivations within a formal system, and how to ascertain validity using truth tables or models.

Advanced Logic
PHIL-UA 72  Prerequisite: Logic (PHIL-UA 70). Offered every other year. 4 points.
An introduction to the basic concepts, methods, and results of metalogic, i.e., the formal study of systems of reasoning.

Set Theory
PHIL-UA 73  Prerequisite: Logic (PHIL-UA 70). Offered every other year. 4 points.
An introduction to the basic concepts and results of set theory.

Modal Logic
PHIL-UA 74  Prerequisite: Logic (PHIL-UA 70). Offered every other year. 4 points.
Modal logic is the logic of necessity, possibility, and related notions. Provides an introduction to basic concepts, methods, and results, with an emphasis on applications to the fields of philosophy, linguistics, and computer science.

Epistemology
PHIL-UA 76  Formerly Belief, Truth, and Knowledge. Prerequisite: one introductory course. Offered every year. 4 points.
Considers such questions as: Can I have knowledge of anything outside my own mind—for example, physical objects or other minds? Or is the skeptic’s attack on my commonplace claims to know unanswerable? What is knowledge, and how does it differ from belief?

Metaphysics
PHIL-UA 78  Prerequisite: one introductory course. Offered every year. 4 points.
Discusses general questions concerning the nature of reality and truth. What kind of things exist? Are there minds or material bodies? Is change illusory? Are human actions free or causally determined? What is a person, and what, if anything, makes someone one and the same person?

Philosophy of Mind
PHIL-UA 80  Prerequisite: one introductory course. Offered every year. 4 points.
Examination of the relationship between the mind and the brain, of the nature of the mental, and of personal identity. Asks whether consciousness can be reconciled with a scientific view of the world.

Philosophy of Language
PHIL-UA 85  Prerequisite: Logic (PHIL-UA 70) and one introductory course. Offered every year. 4 points.
Examines various philosophical and psychological approaches to language and meaning, as well as their consequences for traditional philosophical problems in metaphysics, epistemology, and ethics. Discusses primarily 20th century authors, including Russell, Wittgenstein, and Quine.

How Science Works
PHIL-UA 88  No prerequisite. Offered every other year. 4 points.
What is science? Is there a scientific method? How do experiments provide evidence for theories? Which aspects of scientific argument and reasoning are subjective and which are objective? What role do aesthetic considerations play in scientific thinking? How does the social organization of science contribute to its success? How should politicians and public policy makers “follow the science”? Investigates these questions using logical argument, sociological methods, and historical contexts.

Philosophy of Science
PHIL-UA 90  Prerequisite: one introductory course. Offered every year. 4 points.
Examination of philosophical issues about the natural sciences. Central questions include: What is the nature of scientific explanation? How does science differ from pseudoscience? What is a scientific law? How do experiments work?

Philosophy of Biology
PHIL-UA 91  Prerequisite: one introductory course. Offered every other year. 4 points.
Examines the conceptual issues that arise in and about biology, including: the proper role, if any, of teleology in biology; analysis of biological functions; structure of the theory of evolution by natural selection and the sense of its key concepts, such as fitness and adaptation; the unit of selection; essentialism and the nature of species.

Philosophical Applications of Cognitive Science
PHIL-UA 93  Prerequisite: one introductory course. Offered in the fall. 4 points.
The relevance of recent discoveries about the mind to philosophical questions about metaphysics, logic, and ethics. Questions include: What is causation? Is there a right way to “carve up” the world into categories? Why do we see the world as consisting of objects in places? Are the rules of logic objective or just the way we happen to think? Is there such a thing as objective right and wrong?

Philosophy of Physics
PHIL-UA 94  Identical to PHYS-UA 190. Offered every other year. 4 points.
Different approaches to understanding space and time, including the debates between Newton and Leibniz and Einstein’s special and general theories.
of relativity. Mathematics above the level of algebra is neither used nor required.

**Philosophy of Religion**
PHIL-UA 96  Prerequisite: one introductory course. Offered every other year. 4 points.
Among the topics discussed are the nature of religion, the concept of God, the grounds of belief in God, the immortality of the soul, and faith, revelation, and problems of religious language. Readings from both classic and contemporary sources.

**Philosophy of Mathematics**
PHIL-UA 98  Prerequisites: Logic (PHIL-UA 70) and one introductory course. Offered every other year. 4 points.
Critical discussion of alternative philosophical views as to what mathematics is, such as Platonism, empiricism, constructivism, intuitionism, formalism, logicism, and various combinations thereof.

**Topics in Metaphysics and Epistemology**
PHIL-UA 103  Prerequisite: Epistemology (PHIL-UA 76) or Metaphysics (PHIL-UA 78) or Philosophy of Science (PHIL-UA 90). May be repeated once for credit as topics change. Offered every year. 4 points.
Careful study of a few current issues in epistemology and metaphysics. Examples: skepticism, necessity, causality, personal identity, and possible worlds.

**Topics in Language and Mind**
PHIL-UA 104  Prerequisites: Logic (PHIL-UA 70) and either Philosophy of Mind (PHIL-UA 80) or Philosophy of Language (PHIL-UA 85). May be repeated once for credit as topics change. Offered every year. 4 points.
Careful study of a few current issues in language and mind. Examples: theory of reference, analyticity, intentionality, theory of mental content and attitudes, emergence and supervenience of mental states.

**Honors Courses**

**Junior Honors Proseminar**
PHIL-UA 201  Formerly Advanced Seminar. Prerequisite: admission to the department’s honors program (contact the director of undergraduate studies). Offered every spring. 4 points.
To be taken by honors program students in the spring of junior year. Students study a variety of potential topics for honors theses, determined in part by the interests of those enrolled. Students then present and discuss their own original work, leading toward the development of an honors thesis prospectus. At the end of the semester students submit a prospectus; approval by the course instructor and a faculty advisor is required to pass the course.

**Senior Honors Thesis Workshop**
PHIL-UA 202  Prerequisite: admission to the department’s honors program and completion of Junior Honors Proseminar (PHIL-UA 201). Offered every fall. 4 points.
To be taken by honors program students in the fall of their senior year. Students write an honors thesis under the direction of an approved faculty advisor while participating in a weekly thesis-writing discussion workshop. An oral thesis examination administered by the faculty advisor and another appointed faculty member follows submission of the final thesis; this may be deferred to the beginning of the following spring semester if desired.

**Independent Study**

**Independent Study**
PHIL-UA 301, 302  Prerequisites: approval of a faculty supervisor, as well as the approval of either the department chair or the director of undergraduate studies. Available only for study of subjects not covered in regularly offered courses. 2 or 4 points per term.
DEPARTMENT OF
Physics

OVERVIEW

Physics is the most basic of the natural sciences. It is concerned with understanding the world on all scales of length, time, and energy. The methods of physics are diverse, but they share a common objective to develop and refine fundamental models that quantitatively explain observations and the results of experiments. The discoveries of physics rank among the most important achievements of human inquiry and have had an enormous impact on human culture and civilization. Members of the department conduct research in the fields of astrophysics, biophysics, cosmology, elementary particle physics, gravitation, hard and soft condensed matter physics, and statistical physics, carrying out experimental work in state-of-the-art laboratories in the department and at such national and international facilities as the Large Hadron Collider at CERN and large astronomical observatories.

The educational programs of the department are aimed at providing a range of courses to meet the needs of different student groups. For undergraduate physics majors, there is a rigorous core program, exposure to current frontiers, and opportunities for research. For science majors outside of physics, there are technical courses that emphasize the fundamental physical laws that underpin other sciences; and for other majors, nontechnical courses introduce some of the most important concepts of physics and their impact on the contemporary world.

FACULTY

Professors Emeriti
Bederson, Brown, Glassgold, Hoffert, Hohenberg, Levy, Lowenstein, Richardson, Robinson, Rosenberg, Sculli, Sirlin

Silver Professors; Professors of Physics
Chaikin, Pine

Collegiate Professors; Professors of Physics
Farrar, Mincer

Professors
Blanot, Brujic, Budick, Cranmer, Dubovsky, Gabadadze, Grier,
Grosberg, Hogg, Kent, Kleban, MacFadyen, Mitra, Porrati, Scocimarro, Sreenivasan, Stein, Weiner, Zhang

Associate Professors
Gershow, Gruzinov, Haas, Modjaz, Ruderman, Sleator, Tinker, Zidovska

Assistant Professors
Ali-Haimoud, Pullen, Sels, Shabani, Van Tilburg, Wang, Wray, Zhang

Clinical Professor
Moscatelli
Departmental Objectives

The B.A. and B.S. programs for the major provide good preparation for graduate school and develop a range of technical skills relating to building quantitative theoretical models and making precise measurements of physical phenomena. The programs are also designed to satisfy curiosity about the fundamental laws that govern every aspect of the world, from the interactions of subatomic particles to the origin and behavior of the entire universe. They are simultaneously very deep and very broad. Course work includes both theoretical subjects and experimental activity in laboratories. The programs are designed to give students flexibility in years three and four to pursue interdisciplinary activities, spend time abroad, or delve into greater depth in a subject or into original research.

The department is a collegial place where faculty and students get to know one another well. There are regular formal and informal seminars, as well as a thriving Society of Physics Students, and students and faculty often collaborate on original research problems. Many majors participate in original research and coauthor scientific publications. Our students are extremely well prepared for a wide range of activities—not just in scientific research, but also in professional and engineering pursuits, or any area where abstract thinking and quantitative modeling of real systems are necessary and rewarded.

For non-majors, the department offers non-technical courses that introduce some of the concepts and events that are most important to understanding physics and its impact. For science majors outside of physics, there are technical courses on the fundamental laws that underpin the other sciences. The department also provides courses designed to meet the preprofessional goals of prehealth students and students in engineering disciplines. In addition, students who are interested in obtaining significant exposure to the ideas of physics without committing to the major or without obtaining a comprehensive mathematical background can minor in physics or astronomy.

Major in Physics, Bachelor of Arts (B.A.)

This major program consists of the following eighteen courses (53 to 55 points) completed with a grade of C or better:

Year 1:
• Calculus I (MATH-UA 121)
• Calculus II (MATH-UA 122)
• Physics I (PHYS-UA 91) and Introductory Experimental Physics I (PHYS-UA 71) (5 points together)
• Physics II (PHYS-UA 93) and Introductory Experimental Physics II (PHYS-UA 72) (5 points together)

Year 2:
• Calculus III (MATH-UA 123)
• Physics III (PHYS-UA 95) and Intermediate Experimental Physics I (PHYS-UA 73) (5 points together)
• Dynamics (PHYS-UA 120)
• Intermediate Experimental Physics II (PHYS-UA 74)
• Mathematical Physics (PHYS-UA 106)

Years 3 and 4:
• Advanced Experimental Physics (PHYS-UA 112)
• Quantum Mechanics I (PHYS-UA 123)
• Electricity and Magnetism I (PHYS-UA 131)
• Thermal and Statistical Physics (PHYS-UA 140)
• Two advanced physics electives (3 or 4 points each)

Students planning to do graduate work in physics or related areas are advised to take the following courses in year 3 or 4: Quantum Mechanics II (PHYS-UA 124) and Computational Physics (PHYS-UA 210).

**Major in Physics, Bachelor of Science (B.S.)**

This optional major program provides breadth in the sciences in addition to physics. The B.S. degree in physics will be awarded to students completing the following:
• The required courses for the B.A. major (see above), but with only one advanced physics elective instead of two
• Computational Physics (PHYS-UA 210)
• Two courses in chemistry at or above the level of General Chemistry I, II (CHEM-UA 125, 126), or the one-semester course Accelerated General Chemistry (CHEM-UA 129)
• One course in biology at or above the level of Principles of Biology I (BIOL-UA 11), or in chemistry above the level of General Chemistry II and Laboratory (CHEM-UA 126)

**Acceptable Advanced Electives in Physics for the B.A. and B.S. Majors**

These courses are offered in either the fall or spring term (not both), and some are not offered every year. Please see course descriptions in this Bulletin for prerequisites and frequency of offering. Additional electives may be available; majors should contact the Department of Physics for information.

• Electronics for Scientists (PHYS-UA 110)
• Advanced Mathematical Physics (PHYS-UA 115)
• Quantum Mechanics II (PHYS-UA 124)
• Electricity and Magnetism II (PHYS-UA 132)
• Optics (PHYS-UA 133)
• Condensed Matter Physics (PHYS-UA 135)
• Readings in Particle Physics (PHYS-UA 136)
• Quantum Information and Computing (PHYS-UA 138)
• Astrophysics (PHYS-UA 150)
• Physics of Biology (PHYS-UA 160)
• General Relativity (PHYS-UA 170)
• Introduction to Fluid Dynamics (PHYS-UA 180)
• Philosophy of Physics (PHYS-UA 190; identical to PHIL-UA 94)
• Computational Physics (PHYS-UA 210)
• Special Topics in Physics (PHYS-UA 800)

**Notes on the Major**

**Advanced Placement (AP) credit:** In the summer before their freshman year, students considering a major in physics may consult with the department about possibly counting credit for AP Physics C: Mechanics and/or AP Physics C: Electricity and Magnetism toward the major and placing out of Physics I (PHYS-UA 91) and/or Physics II (PHYS-UA 93), respectively. Students are usually advised, however, to take Physics I and II at NYU as a foundation for doing well in the major curriculum. If majors are granted permission to place out of PHYS-UA 91 and 93, they must still complete the laboratory classes that are taken with those lectures (Introductory Experimental Physics I and II,
PHYS-UA 71 and 72). They are also required to take (with departmental advisement) one or two additional advanced PHYS-UA electives (beyond the basic major requirement of two advanced electives in this department). Finally, physics majors who are prehealth must be sure to present a year of physics with labs to meet admissions requirements of health professional schools; they cannot rely on their Physics AP C exams to meet the requirements of these schools. No other AP credit in physics (or from similar international exams) can be applied to the requirements of the physics major.

Although Physics I and Physics II have a number of topics that are nominally included in the AP Physics C curriculum, they are all treated in greater depth and with more rigor in our courses, which use differential and integral calculus. In addition, Physics I and Physics II cover several topics that are not included in a high school AP course. These include approximately two weeks on Einstein’s theory of special relativity in Physics I, and AC circuits, phasors, electromagnetic radiation, Maxwell’s equations, and Poynting’s theorem in Physics II. Students with credit for either or both of the AP Physics C exams will not find Physics I and II to be redundant.

Mathematics requirement: Potential physics majors should begin their calculus sequence in the fall semester of their freshman year. Students are advised to take advanced mathematics courses—such as Linear Algebra (MATH-UA 140)—as they proceed in the major.

Double major with physics: The major offers flexibility to complete the requirements for a second major in the College. Students should consult the director of undergraduate studies in their freshman year to outline a program that is best tailored to their needs.

Program in Physics and Engineering

The College of Arts and Science offers a joint B.S./B.S. program with the NYU Tandon School of Engineering. The program leads to the B.S. degree in physics from CAS and the B.S. degree in one of the following areas from the NYU Tandon School of Engineering: civil engineering; computer engineering; electrical engineering; or mechanical engineering. Further information is available from the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

Policy on School of Engineering courses: This option is open only to students with declared majors in the Department of Physics. They may seek prior permission of the director of undergraduate studies to take advanced electives in the School of Engineering and apply them to the major. This is reviewed on a case-by-case basis. These courses count against each student’s 16-point allowance in the other divisions of NYU and cannot be applied to the 64 point UA residency requirement.

Minor in Physics

Consists of four courses from the following list, or three of the following and one of the courses listed under the minor in astronomy (all completed with a grade of C or better):

• General Physics I (PHYS-UA 11)
• General Physics II (PHYS-UA 12)
• Introduction to Cosmology (PHYS-UA 15)
• 20th-Century Concepts of Space, Time, and Matter (PHYS-UA 20)
• Any course at or above Physics I (PHYS-UA 91), except for pure laboratory courses

Minor in Astronomy

Provides a comprehensive introduction to astronomy, including modern concepts, historical ideas,
and observational experience. Consists of four courses. The Universe: Its Nature and History (PHYS-UA 7) is required, as are the following three courses (or two of the following courses and one of the courses listed under the minor in physics), all completed with a grade of C or better:

- Observational Astronomy (PHYS-UA 13)
- Introduction to Cosmology (PHYS-UA 15)
- Astrophysics (PHYS-UA 150)

**Honors Program**

Students who have completed at least 64 points of graded work in the College may be awarded degrees with departmental honors in physics if they complete all requirements of the major as well as the designated honors requirements, and also maintain the requisite grade point average of 3.65 both in the major and overall.

The honors program must minimally be a two-term (for credit) research experience that includes a capstone research project. The capstone project, which typically culminates in a thesis, should reflect sustained original research over two semesters. A committee of three faculty members of the Department of Physics is created for each honors student. The honors thesis must be approved by the committee, who will judge if the research is of sufficient quality. Publication in a recognized research journal of an article reporting research done primarily by the student is prima facie evidence that the research is deserving of honors. Because of inevitable delay in publication, an article submitted for publication may not be published in the time available, and the thesis committee may express its opinion that the thesis is of publishable quality.

All students completing departmental honors must make public presentations of their work, which may be at the CAS Undergraduate Research Conference (URC) held at the end of the academic year, or in a departmental forum (e.g., oral defenses or presentations), or at a recognized physics conference.

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**COURSES**

Courses are lectures unless otherwise indicated.

**The Universe: Its Nature and History**

PHYS-UA 7  Offered every year. 4 points. Qualitative introduction to our understanding of the nature and evolution of the universe. Topics include: creation of the cosmos; its explosive evolution, present structure, and ultimate fate; nature of stars and galaxies; structure and evolution of our Milky Way; birth, life, and eventual death of the solar system; our place and role in the universe; relationship of modern astronomical ideas to other cultural disciplines.

**Sound and Music**

PHYS-UA 10  Assumes high school-level mathematics background. Offered occasionally. 4 points.

Explores the production of musical sound and how it is perceived by us, dealing mainly with the physical basis of sound. Covers sound waves, resonance, how musical instruments produce sound, the concepts of scales and harmony, physical acoustics, physiological factors of perception, acoustics of auditoria, and sound recording and reproduction. Develops the necessary physics for the course, as needed.

**General Physics I**

PHYS-UA 11  Prerequisite or corequisite: either Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) or equivalent, or permission of the instructor. A score of 4 or 5 on the AP examination in Calculus AB (or on the AB subscore of the BC examination) is also an acceptable prerequisite.

Lecture and laboratory. Not open to students who have completed Physics I (PHYS-UA 91) with a grade of C-minus or better. Offered in the fall, spring, and summer. 5 points.

Begins a two-semester introduction to physics intended primarily for preprofessional students and for those majoring in a science other than physics, although well-prepared students may wish to take the Physics I, II, III three-semester sequence for majors (with corequisite laboratories), below. Topics include: kinematics and dynamics of
particles; momentum, work, and energy; gravitation; circular, angular, and harmonic motion; mechanical and thermal properties of solids, liquids, and gases.

**General Physics II**

PHYS-UA 12  Prerequisite: General Physics I (PHYS-UA 11) with a grade of C or better, or permission of the instructor. Lecture and laboratory. Offered in the fall, spring, and summer. 5 points.

Topics include: electric charge, field, and potential; magnetic forces and fields; resistive, capacitive, and inductive circuits; electromagnetic induction; wave motion; electromagnetic waves; geometrical optics; interference, diffraction, and polarization of light; relativity; atomic and nuclear structure; elementary particle physics.

**Observational Astronomy**

PHYS-UA 13  Prerequisite: The Universe: Its Nature and History (PHYS-UA 7) or higher, or permission of the instructor for non-science majors and minors; no prerequisite for science majors and minors or those who have satisfied the Core Physical Science requirement; all other students must have completed all science requirements for graduation from their program. Lecture and laboratory. Offered every year. 4 points.

Introduction to the theory and practice of technical amateur astronomy. Approach is hands-on, with weekly evening laboratory/observing sessions. Topics include: astronomical coordinate systems; optics; how to use a telescope; phenomena that can be seen in the urban night sky. Observing sessions involve the use of eight-inch telescopes.

**Introduction to Cosmology**

PHYS-UA 15  Assumes high school mathematics background (algebra and trigonometry). Counts toward the minor in astronomy. Offered every year. 4 points.

A technical but elementary introduction intended for non-science students. Covers advances in cosmology over the last 100 years, with special emphasis on more recent developments in the field. Topics range from the early universe to galaxy formation in the present day universe and include the Big Bang, the cosmic microwave background, dark matter, and dark energy, as well as the associated evidence for these phenomena. The analytical framework rests upon the theory of relativity and the expansion of the cosmos.

**20th-Century Concepts of Space, Time, and Matter**

PHYS-UA 20  Assumes high school geometry and intermediate algebra background. Not open to students who have completed Physical Science: Einstein's Universe (CORE-UA 204). Offered every year. 4 points.

The 20th century witnessed two major revolutions in physics. Einstein’s special and general theories of relativity: implications of the special theory for our understanding of the unity of space and time, and of the general theory for our understanding of the nature of gravity. Quantum mechanics: a new picture of the basic structure and interactions of atoms, molecules, and nuclei. Topics include: the uncertainty principle; wave-particle duality; the continuing search for the fundamental constituents of matter.

**Introductory Experimental Physics I**

PHYS-UA 71  Laboratory. Typically taken with Physics II (PHYS-UA 93). Offered in the spring. 2 points.

Continuation of Introductory Experimental Physics I (PHYS-UA 71).

**Introductory Experimental Physics II**

PHYS-UA 72  Prerequisite: Introductory Experimental Physics I (PHYS-UA 71). Laboratory. Typically taken with Physics II (PHYS-UA 93). Offered in the spring. 2 points.

Continuation of Introductory Experimental Physics I (PHYS-UA 71).

**Intermediate Experimental Physics I**

PHYS-UA 73  Prerequisite: Introductory Experimental Physics II (PHYS-UA 72). Laboratory. Typically taken with Physics III (PHYS-UA 95). Offered in the fall. 2 points.

Develops further the experimental techniques introduced in Introductory Experimental Physics I, II (PHYS-UA 71, 72) in the context of more advanced experiments.

**Intermediate Experimental Physics II**

PHYS-UA 74  Prerequisite: Intermediate Experimental Physics I (PHYS-UA 73). Laboratory. Offered in the spring. 2 points.

Continuation of Intermediate Experimental Physics I (PHYS-UA 73).

**Physics I**

PHYS-UA 91  Corequisite: Calculus I (MATH-UA 121). Physics majors must also register for Introductory Experimental Physics I (PHYS-UA 71). Offered in the fall. 3 points.

With PHYS-UA 93 and PHYS-UA 95, forms a three-semester sequence that must be taken in order, starting in the fall semester. Intended for physics majors and other interested science and mathematics majors. Topics include: kinematics and dynamics of particles; energy and momentum; rotational kinematics and dynamics; harmonic oscillators; gravitational fields and potentials; special relativity.
Physics II
PHYS-UA 93  Prerequisite: Physics I (PHYS-UA 91) with a grade of C or better, or permission of the department. Corequisite: Calculus II (MATH-UA 122). Physics majors must also register for Introductory Experimental Physics II (PHYS-UA 72). Offered in the spring. 3 points.
Continuation of Physics I (PHYS-UA 91). Topics include: electrostatics; dielectrics; currents and circuits; the magnetic field and magnetic materials; induction; AC circuits; Maxwell’s equations.

Physics III
PHYS-UA 95  Prerequisite: Physics II (PHYS-UA 93) with a grade of C or better, or permission of the department. Corequisite: Calculus III (MATH-UA 123). Physics majors must also register for Intermediate Experimental Physics I (PHYS-UA 73). Offered in the fall. 3 points.
Continuation of Physics II (PHYS-UA 93). Topics include: harmonic oscillators and resonance; coupled oscillators; normal modes, and waves; mechanical vibrations, sound, and light; Fourier series and Fourier transforms; reflection, refraction, interference, and diffraction of waves; polarization.

Mathematical Physics
PHYS-UA 106  Prerequisites: Physics III (PHYS-UA 95) and Calculus III (MATH-UA 123). Offered in the spring. 3 points.
Mathematical preparation for further study in physics. Review of vectors and matrices, differential and integral operations, curvilinear coordinate systems, introduction to tensors, Dirac delta-function, complex variables, differential equations, solutions to Laplace’s equation.

Electronics for Scientists
PHYS-UA 110  Identical to BIOL-UA 110, CHEM-UA 671. Prerequisite: General Physics II (PHYS-UA 12) or Physics II (PHYS-UA 93) or permission of the instructor. Lecture and laboratory. 5 points.
Introduction to basic analog and digital electronics used in modern experiments and computers. Basic concepts and devices presented in lecture are studied in the laboratory. Topics include: filters; power supplies; transistors; operational amplifiers; digital logic gates; both combinatorial and sequential digital circuits. Students learn the functions of modern electronic instrumentation and measurement.

Advanced Experimental Physics
PHYS-UA 112  Prerequisites: Intermediate Experimental Physics I, II (PHYS-UA 73, 74) and Quantum Mechanics I (PHYS-UA 123), or permission of the instructor. Laboratory. Offered every year. 3 points.
Introduces the experiments and techniques of modern physics. Students choose their experiments and may use microcomputers for data analysis. Experimental areas include optical spectroscopy, the Mössbauer effect, cosmic rays, magnetic resonance, condensed matter, and relativistic mass.

Advanced Mathematical Physics
PHYS-UA 115  Prerequisite: Mathematical Physics (PHYS-UA 106) or the equivalent. Offered occasionally. 3 points.
Intended to prepare students for more advanced work in physics and engineering. Topics include, but are not limited to: probability theory; advanced ordinary and partial differential equations; differential geometry; complex variable theory; topology; homotopy; group representation theory.

Dynamics
PHYS-UA 120  Prerequisite: Physics III (PHYS-UA 95); corequisite: Mathematical Physics (PHYS-UA 106). Offered in the spring. 3 points.
Topics include: conservation laws; central force motion; Lagrange’s and Hamilton’s equations; non-inertial frames; inertia tensor; rigid body dynamics; coupled oscillators and particles; eigenvalues; eigenvectors and normal modes.

Quantum Mechanics I
PHYS-UA 123  Prerequisites: Mathematical Physics (PHYS-UA 106) and Dynamics (PHYS-UA 120). Offered in the fall. 3 points.
Topics include: foundational experiments; wave-particle duality; wave functions; the uncertainty principle; the time-independent Schrödinger equation and its applications to one-dimensional problems and the hydrogen atom; angular momentum; spin; Hilbert Space, operators, and observables; time-independent perturbation theory; atomic spectra.

Quantum Mechanics II
PHYS-UA 124  Prerequisite: Quantum Mechanics I (PHYS-UA 123). Offered in the spring. 3 points.
Continuation of Quantum Mechanics I (PHYS-UA 123). Topics include: the time-dependent Schrödinger equation; the Schrödinger and Heisenberg description of quantum systems; time-dependent perturbation theory; scattering theory; quantum statistics; applications to atomic, molecular, nuclear, and elementary particle physics.

Electricity and Magnetism I
PHYS-UA 131  Prerequisite: Dynamics (PHYS-UA 120). Offered in the fall. 3 points.
Introduction to electrodynamics with applications to physical problems. Topics include: electrostatics; magnetostatics; Maxwell’s equations; electromagnetic forces; electromagnetic waves; radiation from accelerating charges and currents; special relativity.

Electricity and Magnetism II
PHYS-UA 132  Prerequisite: Electricity and Magnetism I (PHYS-UA 131). 3 points.
Continuation of Electricity and Magnetism I (PHYS-UA 131), with greater depth and more complex phenomena and applications. Topics
include solutions to the Laplace and Poisson equations, dielectrics and magnetic materials, gauge invariance, plasmas, Fresnel equations, transmission lines, wave guides, and antennas.

**Optics**  
PHYS-UA 133  Prerequisite: Mathematical Physics (PHYS-UA 106) or permission of the instructor. Offered every other year. 3 points.  
Introduction to physical and geometrical optics. Wave phenomena including diffraction, interference, first-order and higher-order coherence. Holography, phase contrast and atomic force microscopy, and limits of resolution are some of the subjects included. Topics include atomic energy levels and radiative transitions, and detectors from photon counting to bolometers for infrared radiation.

**Condensed Matter Physics**  
PHYS-UA 135  Prerequisite: Dynamics (PHYS-UA 120). Offered every other year. 3 points.  
Designed as an introduction for students with knowledge of elementary quantum mechanics. Topics include: crystal structure, lattice vibrations, and the energy band theory of metals and semiconductors; the electronic, magnetic, and optical properties of solids; some modern research topics, such as the physics of nanostructures, soft condensed matter physics, and superconductivity.

**Readings in Particle Physics**  
PHYS-UA 136  Prerequisite: Mathematical Physics (PHYS-UA 106). 3 points.  
The fundamental constituents of matter and the forces between them are microscopic, and also connect to the large-scale realms of astrophysics and cosmology. Close reading of journal articles in which the most important advances in elementary particle physics were first published. Topics include: the discovery of elementary particles in cosmic rays, antimatter, symmetries found in nature, and the invention of the Quark model of elementary particles and its experimental verification.

**Quantum Information and Quantum Computing**  
PHYS-UA 138  Prerequisite: Quantum Mechanics I (PHYS-UA 123). Offered every two years. 4 points.  
Quantum mechanical systems can be thought of as information-storing, information-processing, and information-transmitting systems. Topics include density operators, quantum communication, teleportation, quantum cryptography, entanglement and the Bell Inequalities, quantum computing, quantum algorithms, quantum error correction, quantum circuits, and experimental developments.

**Thermal and Statistical Physics**  
PHYS-UA 140  Prerequisite: Dynamics (PHYS-UA 120). Offered every year. 3 points.  
Topics include relation of entropy to probability and energy to temperature; the laws of thermodynamics; Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics; equations of state for simple gases and chemical and magnetic systems; and elementary theory of phase transitions.

**Astrophysics**  
PHYS-UA 150  Prerequisite: Physics III (PHYS-UA 95) or permission of the instructor. Offered every other year. 4 points.  
Introduction to modern astrophysical problems with an emphasis on the physical concepts involved: radio, optical, and X-ray astronomy; stellar structure and evolution; white dwarfs, pulsars, and black holes; and galaxies, quasars, and cosmology.

**Physics of Biology**  
PHYS-UA 160  Prerequisite: Physics III (PHYS-UA 95). 3 points.  
Basic biological processes at all levels of organization (molecular, cellular, organismal, and population) in the light of simple ideas from physics. Topics include self-assembly, molecular motors, low Reynolds fluid dynamics, optical imaging, and single-molecule manipulation.

**General Relativity**  
PHYS-UA 170  Prerequisite: Dynamics (PHYS-UA 120) or permission of the instructor. Offered in the spring. 3 points.  
Provides an introduction to general relativity, stressing physical phenomena and their connection to experiments and observations. Topics include special relativity, gravity as geometry, black holes, gravitational waves, cosmology, Einstein equations.

**Introduction to Fluid Dynamics**  
PHYS-UA 180  Identical to MATH-UA 230. Prerequisite: Calculus III (MATH-UA 123); Mathematical Physics (PHYS-UA 106) is recommended. Offered every year. 4 points.  
Key concepts of fluid dynamics: the formalism of continuum mechanics, the conservation of mass, energy and momentum in a fluid, the Euler and Navier-Stokes equations, and viscosity and vorticity. Concepts are applied to such classic problems as potential flow around a cylinder, the Stokes flow, the propagation of sound and gravity waves, and the onset of instability in shear flow.

**Philosophy of Physics**  
PHYS-UA 190  Identical to PHIL-UA 94. Offered every other year by the Department of Philosophy. 4 points.  
Different approaches to understanding space and time, including the debates between Newton and Leibniz and Einstein’s Special and General Theories of Relativity. Mathematics above the level of algebra is neither used nor required.
Computational Physics
PHYS-UA 210  Prerequisites: Mathematical Physics (PHYS-UA 106) or permission of the instructor, and knowledge of a scientific programming language (such as C, C++, Fortran, or Python). Offered every year. 4 points.
Emphasizes fields of current research interest in which numerical techniques provide unique physical insight. Topics chosen from various branches of physics, including numerical solution of ordinary and partial differential equations, eigenvalue problems, Monte Carlo methods in statistical mechanics, field theory, dynamical systems, and chaos.

Special Topics in Physics
PHYS-UA 800  Prerequisites vary according to topic. Offered occasionally. 0 to 4 points.
Covers advanced topics or recent developments in physics. Varies by term.

Special Topics in Physics: A Sneak Peek at the Universe
PHYS-UA 800  Prerequisite: mastery of geometry and intermediate algebra. 4 points.
Intended for students who are attracted to the major because of the challenging concepts of contemporary physics and cosmology, whereas the first two years of the major are devoted to classical dynamics and electromagnetism.
Topics include quantum entanglement, quantum information, black holes, gravitational radiation, and the big bang.

Independent Study
PHYS-UA 997, 998  Prerequisite: permission of the director of undergraduate studies. Offered in the fall and spring respectively. 0 to 4 points per term.
OVERVIEW

A vibrant home for those interested in government and public affairs, the Wilf Family Department of Politics gives students the skills needed to reach a deeper analytical understanding of political events that is grounded in logic and evidence. We encourage a truly scientific inquiry into politics that informs a critical discussion of political institutions and a rigorous approach to effecting positive political change.

We offer courses in political theory, quantitative and formal political analysis, American politics, comparative politics, and international politics. Our curriculum covers a wide range of substantive topics including law, elections, ethnic conflict, justice, economic development, political accountability, war and peacekeeping, public policy, democracy, political economy, strategy, and political attitudes and beliefs. Our faculty specializes in the politics of the United States and countries around the globe. Courses are regularly offered on Latin America, Western and Eastern Europe, Africa, Russia, India, China, and Japan.

The analytical skills gained by politics majors prepare them for a wide range of careers. Our graduates accept positions with governments, non-governmental organizations (NGOs), think tanks, international finance groups, multinational corporations, law firms, and other institutions. Many pursue further study in fields such as political science, law, and public and international affairs at highly competitive universities.

FACULTY

Professors Emeriti
Kazemi, Laver, Manin, Mitchell, Przeworski, Schain

Bernhardt Denmark Chair of International Relations; Professor of Politics
Smith

Silver Professors; Professors of Politics
Bueno de Mesquita, Schwartzberg, Stasavage

Professors

Associate Professors
Dawes, Dickson, Dragu, Egan, Hafer, McClendon, Pevnick, Querubin, Rozenas, Samii

Assistant Professors
Catalinac, Payson, Slough, You, Zhou

Clinical Professor
Simonelli

Global Distinguished Professor
Pasquino

Associated Faculty
Baldassarri, Bonikowski, Beltrán, Epstein, Ferejohn, Frechette, Hill, Holmes, Johnson, Jost, Kane, Kaufman, King, Light, Merlo, Noury, Paik
Major in Politics

The major requires ten 4-point courses (40 points) in the department, chosen in consultation with a departmental adviser and completed with a grade of C or better (Pass/Fail does not count). At least two of these courses must be chosen from the department’s four designated core courses, both to be taken in the College:

- Political Theory (POL-UA 100)
- Power and Politics in America (POL-UA 300)
- Comparative Politics (POL-UA 500)
- International Politics (POL-UA 700)

Because the four core courses serve as prerequisites to many upper-level politics courses, majors are advised to take core courses early in their program of study.

In addition, at least one course must be taken in three of the department’s five fields:

- Political Theory
- American Government and Politics
- Comparative Politics
- International Politics
- Analytical Politics

Although it is not required for the major, Introduction to Research Methods for Politics (POL-UA 850) is strongly recommended. Students are advised to take it before enrolling in other advanced courses in the major.

Policies Applying to the Major

No more than five courses (20 credits) can be accepted as transfer credit toward the major. NYU study away courses, as well as Advanced Placement (AP) and other advanced standing credit by examination, are treated as transfer credit for all students.

Students may count eight points (the equivalent of two courses) from Advanced Placement (Comparative and U.S.), International Baccalaureate (Global Politics), or Advanced (A) Level (Government and Politics) examinations towards the requirements of the major. Up to eight points from other advanced standing examinations may be accepted after consultation with the department. None of these credits can substitute for any specific course or requirement in the major (such as one of the core requirements); they simply count as generic POL-UA credit toward the major.

No more than three NYU study away courses (12 credits) may count toward the major.

Internships in Politics and Government I, II (POL-UA 970, 971) and Readings and Research (POL-UA 990) do not count toward the major.

Track in American Political Practice and Leadership

This track (open only to declared politics majors) offers students the opportunity to gain skills and experience in applied American politics via a study away semester at NYU’s site in Washington, D.C., while also acquiring the analytical understanding provided by American politics courses offered at NYU Washington Square.

The requirements for the track are:

- Power and Politics in America (POL-UA 300) at the Washington Square campus.
• A semester-long internship with a domestic policy focus (in government, politics, or a non-profit), plus Internship Seminar and Fieldwork (NODEP-UA 9982), both at the Washington, D.C. campus. These are the only internship credits allowed to count toward the politics major.

• Three upper-division courses in American politics. At least one must be taken at NYU Washington, D.C. and at least one at the Washington Square campus, and at least one must be in a sub-field related to the student’s internship.

The three upper-division courses must be chosen from the following lists:

• Courses at NYU Washington, D.C.:
  ○ The Presidency (POL-UA 9310)
  ○ American Constitution (POL-UA 9330)
  ○ American Public Opinion and Pressure Groups (POL-UA 9342)
  ○ Campaign Strategy and Media in Domestic and International Campaigns (POL-UA 9994)
  ○ Identities in American Politics in the 21st Century (POL-UA 9994)

• Courses at NYU Washington Square:
  ○ Undergraduate Field Seminar: American Politics (POL-UA 395), with permission of the departmental adviser for this track.

### Minor in Politics

The minor requires five 4-point courses (20 points) in the department, chosen in consultation with departmental advisers and completed with a grade of C or better. A minor program may reflect a special emphasis in one of the department’s five fields, or a subfield of the student’s choosing. No special emphasis on a particular subfield is required for the minor, nor is a choice of subfield reflected on a student’s academic record or transcript. Only NYU courses with a POL-UA number not also counted toward another major or minor can be counted toward the politics minor. At least three of the five courses for the minor must be taken at the Washington Square campus. As per CAS policy, no more than two courses of the five may be transfer courses.

Students may count four points (the equivalent of one course) from Advanced Placement (Comparative or U.S.), International Baccalaureate (Global Politics), or Advanced (A) Level (Government and Politics) examinations towards the requirements of the minor. Up to four points from other advanced standing examinations may be accepted after consultation with the department. None of these credits can substitute for any specific course or requirement in the department (such as one of the core requirements); they simply count as generic POL-UA credit toward the minor.

### Honors Program

For admission to and completion of the department’s honors program, students must have a GPA of 3.65 both overall and in the politics major. The deadline for applying to the honors program is March 1 in spring of junior year. To be eligible for application students must have completed, or be currently enrolled in Introduction to Research Methods for Politics (POL-UA 850), as well as either Introduction to Macroeconomics (ECON-UA 1) or Introduction to Microeconomics (ECON-UA 2). Admitted students register for Senior Honors I (POL-UA 950, fall) to prepare a research proposal for their thesis, which they write in the spring while taking Senior Honors II (POL-UA 951). The thesis and its oral defense must be approved by both the instructor teaching Senior Honors II and the second reader of the thesis.
Preparation for Law School

Although law schools do not require any particular major or course of study, politics can be an especially useful field for students planning legal study and a career in law. Students interested in a course of study that prepares them for law school may wish to choose courses in consultation with the College’s Prelaw Program. For information about the program, please visit prelaw.cas.nyu.edu.

B.A./M.A. Program in Politics

The College of Arts and Science and the Graduate School of Arts and Science offer an accelerated dual-degree B.A./M.A. program in politics. Bachelor’s-master’s students who satisfy the track’s undergraduate requirements receive a scholarship covering 50% of M.A. tuition and registration fees during the graduate school year. The GSAS requirement to take the GRE is also waived. This dual-degree program is open only CAS students majoring or minoring in politics or international relations. Applicants must have completed a minimum of 48 credits toward the B.A. but not more than 96 credits or six semesters, whichever comes first. Questions about eligibility for, or application to, the B.A./M.A. program should be directed to the CAS Advising Center (726 Broadway, 7th floor; 212-998-8130).

COURSES

Political Theory

Political Theory (core course)

POL-UA 100  Offered every semester. 4 points.
Alternative conceptions of political life are examined from both theoretical and historical perspectives. Readings from Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Mill, and Marx.

Topics in Premodern Political Philosophy

POL-UA 110  Formerly Political Thought from Plato to Machiavelli. Identical to MEDI-UA 110. Offered periodically. 4 points. Intensive introduction to the major themes of Western political thought.

Topics in Modern Political Thought: 1500 to the Present

POL-UA 120  Offered periodically. 4 points. Careful study of primary works. Authors include Machiavelli, Hobbes, Locke, Rousseau, Hegel, Marx, and Nietzsche.

Ethics, Politics, and Public Policy

POL-UA 130  Offered periodically. 4 points. Under what conditions, if any, might we permit political actors to do bad in order to do good? What is it that we want the state to accomplish, and at what cost? Topics vary.

Theories of Justice

POL-UA 138  Prerequisite: Political Theory (POL-UA 100). Offered every year. 4 points. A range of influential approaches, including those advocated by libertarians, utilitarians, egalitarians, feminists, communitarians, and Marxists. Examines and interrogates the underlying moral assumptions on which political convictions rest.

Socialist Theory

POL-UA 140  Offered in the fall. 4 points. Concentrates on those socialist schools—Christian socialism, utopian socialism, Marxism, Fabianism, and anarchism—that have proved to be the most successful. Presents their major theories and examines the usefulness of such theories in helping us to understand the world in which we live.

Nationalism and Ethnic Conflict

POL-UA 150  Prerequisite: Political Theory (POL-UA 100). Offered periodically. 4 points. Surveys the historical phases of nationalist development, from the early cases of Great Britain and the United States, through the later cases of Europe and Latin America, the anticolonial cases of Africa and much of Asia, and, finally, the often religiously based movements of the present era. Considers justifications of nationalism, both in the abstract and in particular cases.

Democracy and Dictatorship

POL-UA 160  Offered periodically. 4 points. Institutional characteristics and legal foundations, with a focus on ideological and contextual factors. Challenges traditional distinctions between democracy and dictatorship.
American Political Thought
POL-UA 170 Prerequisite: Political Theory (POL-UA 100). Offered periodically. 4 points. Topics: revolution and independence, the framing of the Constitution, Hamiltonian nationalism, Jeffersonian republicanism, Jacksonian democracy, pro-slavery and antislavery thought, Civil War and Reconstruction, social Darwinism and laissez-faire, the reformist thought of populism, progressivism and socialism, legal realism, the New Deal and 20th century liberalism, modern conservatism, civil rights, and anti-war protest.

Undergraduate Field Seminar: Political Theory
POL-UA 195 Prerequisites: Political Theory (POL-UA 100) and three other politics courses, junior or senior standing, and a minimum 3.0 GPA, or permission of the instructor. Offered every semester. 4 points. Advanced seminar for juniors and seniors in political theory. Topics vary.

American Government and Politics

Power and Politics in America (core course)
POL-UA 300 Offered every semester. 4 points. Surveys institutions and behavior and introduces a variety of analytical concepts and approaches. Topics: public goods and collective action; preference aggregation and the median voter theorem; delegation, representation, and accountability; agenda control; interbranch bargaining; and the mechanisms of private influence on public policy.

Public Policy
POL-UA 306 Prerequisite: Power and Politics in America (POL-UA 300). Offered in the fall. 4 points. How agendas are set and issues are processed in Washington. Covers Congress, the bureaucracy, program implementation, policy analysis, and budgeting. Close examination of an important current issue.

The Presidency
POL-UA 310 Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically. 4 points. Examines presidential roles, including those of commander-in-chief; director of foreign policy; leader in legislation, administration, and party affairs; manager of the economy; and dispenser of social justice.

The Biology of Politics
POL-UA 311 Offered every year. 4 points. How genetic differences may, at least in part, help to explain individual differences in political participation.

Controversies in Public Policy: Logic and Evidence
POL-UA 315 Offered every year. 4 points. Applies sabermetrics (logic and evidence applied to baseball, as seen in the film Moneyball) to such issues as designing health policy and dealing with climate change.

Congress and Legislative Assemblies
POL-UA 320 Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically. 4 points. Origin, structure, functions, and dynamics of legislatures in the United States. Although some attention is given to state legislatures and municipal lawmaking bodies, the major emphasis is on the Congress.

The American Constitution
POL-UA 330 Offered every semester. 4 points. Close reading of Supreme Court opinions and consideration of their legal and philosophical content. Examines the distribution of constitutional power among Congress, the president, and the federal courts; between the national government and the states; and among the states. Constitutional law and American political and economic development.

Civil Liberties
POL-UA 332 Offered periodically. 4 points. Interpretation of the Bill of Rights, the Civil War amendments, and other rights in the U.S. Constitution. Topics: freedom of speech and press; free exercise of religion and separation of church and state; the right of privacy; rights of the criminally accused; and equal protection of the law against race, gender, and other discrimination. Close reading of Supreme Court opinions and consideration of their legal and philosophical content.

The United States Supreme Court
POL-UA 333 Prerequisite: The American Constitution (POL-UA 330) or Civil Liberties (POL-UA 332). Offered periodically. 4 points. The third branch of government as chief interpreter of the Constitution and reviewer of the work of government. Considers the structure, procedures, personnel, and informal organization of the court, along with the appointment process. Attention to the impact of the court’s decisions and to public opinion about the court. Emphasis on the court’s political role in a democratic polity.

American Law and Legal System
POL-UA 334 Offered periodically. 4 points. Close reading of cases. Topics: the adjudication of conflict, the structure and functions of trial and appellate courts, civil and criminal procedure, judicial remedies, judicial decision making, and the limits of judicial relief. Uses tort, contract, property, divorce, and other law for illustration.

Law and Society
POL-UA 335 Identical to LWSOC-UA 1, SCA-UA 722. Offered every year. 4 points. Critically examines the relationship...
between law and such political and social causes as the civil rights movement, the women’s movement, and the labor and environmental movements. Emphasis on law as a political process, legal remedies for racial and gender discrimination, and class-action torts. The limits and possibilities of law as a process for social change.

**Gender in Law**
POL-UA 336  *Identical to SCA-UA 723.* Offered every other year. 4 points.

**The Rule of Law**
POL-UA 337  *Prerequisite: Power and Politics in America (POL-UA 300). Offered every year.* 4 points.
Political conditions that promote the rule of law, as well as challenges to the rule of law in times of emergency. Topics: connection between law and morality, political foundation of the rule of law, rule of law in times of crisis, effects of emergency powers on rule of law, and rule of law and terrorism prevention.

**Political Parties**
POL-UA 340  *Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically.* 4 points.
Development of the two-party system from its origins to the present. Formal organization of parties on the national and state levels and control of the parties within the state. Party politics, political machines, ethnic politics, nominations for public office, and effects of pressure groups on the party system. The course of national elections.

**Private Influence in Public Policy**
POL-UA 341  *Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically.* 4 points.
Topics: analysis of mechanisms of influence (selection of sympathetic incumbents, the provision of incentives for public officials, and the provision of information); objects of influence (voter choices, legislative behavior, bureaucratic decisions); collective action; and organizational maintenance.

**American Public Opinion**
POL-UA 342  *Prerequisite: Power and Politics in America (POL-UA 300). Offered every year.* 4 points.
Attempts made to define, identify, survey, analyze, and evaluate the influence of public opinion, as well as how citizens unite in interest groups to influence or pressure government. These groups’ roles and methods and their relationship to political parties, elected and appointed officeholders, and the democratic process.

**The Election Process**
POL-UA 344  *Prerequisite: Power and Politics in America (POL-UA 300). Offered every other year.* 4 points.
Utilizes different theoretical approaches to the study of campaigns and elections and the testing of empirical hypotheses. Analyzes campaign strategies of political candidates, the use of polls and media in campaigns, and the effects of issues and personalities on election outcomes. Evaluates the role of presidential primaries and elections in the functioning of a democracy.

**Bureaucracy and Public Policy**
POL-UA 350  *Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically.* 4 points.
How have public bureaucracies evolved to their current form? Why do bureaucrats engage in behavior that many of us consider pathological or arbitrary? How can unelected government officials be made more accountable to their elected counterparts and to citizens? Draws on cases of government in action in a number of different public policy areas.

**The Politics of Administrative Law**
POL-UA 354  *Offered every year.* 4 points.
Examines legal, political, and economic issues in government regulation. Topics: the historical origins of regulation, the legal philosophy of administrative regulation, the relationship between courts and agencies, the political and social conflicts surrounding regulatory politics, and the role of law in state formation.

**Urban Government and Politics**
POL-UA 360  *Identical to SCA-UA 753.*  
*Prerequisite: Power and Politics in America (POL-UA 300).* Offered every year. 4 points.
Municipal governments profoundly impact the day-to-day life of citizens. Cities have substantial power over policy areas from education and public safety to transportation, and they also address basic needs: making sure trash gets taken out, water runs, and people are safe from crime. Explores patterns of city politics against the backdrop of American social and cultural history, including the impulse toward reform and the effects of reform efforts on the distribution of power in the community.

**Minority Representation in American Politics**
POL-UA 380  *Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically.* 4 points.
Explores whether and how racial and ethnic minorities are able to organize effectively and press their demands through the American political system. Focuses on their relative strength and effect at the polls and in political office, the responsiveness of elected officials, and the legal and constitutional obsta-
cles and instruments that contextualize and shape these phenomena.

**The Politics of Poverty and Welfare**

POL-UA 382  Prerequisite: Power and Politics in America (POL-UA 300). Offered periodically. 4 points.
Concentrates on the causes of poverty and dependency among the working-age poor, the history of programs and policies meant to help them, and the impact of these issues on national politics.

**Political Economy:**

**The United States in Comparative Perspective**

POL-UA 385  Prerequisite: Power and Politics in America (POL-UA 300) or Comparative Politics (POL-UA 500). Offered periodically. 4 points.
Various aspects of the role of the American government in the economy. Also considers the political economies of several other advanced industrial nations. Explores institutional structures, with particular emphasis on government, business, and labor.

**Undergraduate Field Seminar:**

**American Politics**

POL-UA 395  Prerequisites: Power and Politics in America (POL-UA 300) and three other politics courses, junior or senior standing, and a minimum 3.0 GPA, or permission of the instructor. Offered every year. 4 points.
Advanced seminar for juniors and seniors. Topics vary.

**Honors Seminar:**

**Courts, Rights, and Politics**

POL-UA 396  Prerequisites: Power and Politics in America (POL-UA 300), three other politics courses, junior or senior standing, and a minimum 3.5 GPA. Offered periodically. 4 points.
Reexamines the premise that independent courts have functioned as the best guarantor of civil rights and liberties, particularly against the supposed abuse of legislative majorities. Considers the record of rights protections both in the United States and more globally.

**Honors Seminar:**

**Politics and Finance**

POL-UA 396  Prerequisites: Power and Politics in America (POL-UA 300), three other politics courses, one course in economics, junior or senior standing, and a minimum 3.5 GPA. Offered periodically. 4 points.
How legislation and regulation influence the structure of financial markets and how players in these markets intervene in the political process to create or modify legislative and regulatory outcomes. Takes a microeconomics-influenced approach to transactions occurring through voting institutions.

**U.S. Foreign Policy**

POL-UA 710  Offered every semester. 4 points.
See description below.

**National Security**

POL-UA 712  Offered every year. 4 points.
See description below.

**Comparative Politics**

**Comparative Politics (core course)**

POL-UA 500  Offered every semester. 4 points.
Classical theories and the recent behavioral revolution. Addresses personality, social structure, socialization, political culture, and political parties. Major approaches such as group theory, structural-functionalist, and systems analysis. Consideration of national character, elite and class analysis, and problems of conflict, violence, and internal war.

**Elections and Voting**

POL-UA 505  Prerequisite: Power and Politics in America (POL-UA 300) or Comparative Politics (POL-UA 500). Offered periodically. 4 points.
How cross-national differences in voting behavior, laws, and institutions can affect the electoral process.

**Western European Politics**

POL-UA 510  Identical to EURO-UA 510. Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.
Study of the politics of Britain, Ireland, France, and Germany. Compares the historical origins of these systems and analyzes their institutions as manifestations of their social and political culture and traditions. Treats each country’s current politics and political trends.

**Immigration and Politics in Western Europe**

POL-UA 511  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.
From the 1960s to the present. Addresses the influence of public policy, notions of citizenship, and party politics, including the emergence of the extreme right and “identity politics.” Analyzes efforts by various states to exercise control over their frontiers and to incorporate immigrants into the national community.

**East European Government and Politics**

POL-UA 522  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.
Political, social, and economic developments during the post-Versailles period. Topics: the Communist takeover at the end of World War II, uprisings during the era of de-Stalinization, the collapse of Communism, and the process of democratization.

**Politics of Latin America**

POL-UA 530  Prerequisite: Comparative Politics (POL-UA 500). Offered every year. 4 points.
How political power relates to social structure, economic change, and international pressures in several nations at distinct levels of social modernization. Topics: the struggle for democracy, military interference in politics, and party competition.

**The Politics of the Caribbean Nations**

POL-UA 532  **Identical to SCA-UA 802.**  
Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

Analysis of the political culture and institutions of Cuba, the Dominican Republic, Puerto Rico, Haiti, Jamaica, and Trinidad and Tobago. Considers communities of Caribbean nationals in the United States when relevant to internal political processes.

**Politics of the Near and Middle East**

POL-UA 540  **Identical to MEIS-UA 750.**  
Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

The impact of the West; religious and liberal reactions; conflict of nationalisms (Arab, Iranian, Turkish, and Zionist); and revolutionary socialism. Topics: the role of the military, the intelligentsia, the religious classes, the legitimation of power, urban-rural cleavages, bureaucracy, and political parties.

**Politics and Society in Iran**

POL-UA 545  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

From the Constitutional Revolution (1906-1909) to the present. Topics: the rise and demise of the Pahlavi dynasty; the politics of oil nationalization; the Shah’s White Revolution and politics, culture, and economics in the 1960s and 1970s; the revolution of 1978-1979 and the establishment of the Islamic Republic; export of the revolution and the Iran-Iraq War; and Iran’s current regional and international role.

**East Asian Politics:**

**China and Japan**

POL-UA 560  Prerequisite: Comparative Politics (POL-UA 500). Offered every year. 4 points.

Examines the impact of tradition, demands of modernization, ideology, the role of the elite, and social dynamics, as well as political institutions and processes. Compares the Chinese and the Japanese “models” of development and evaluates their relevance to other areas.

**Comparative Politics of South Asia**

POL-UA 562  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

Readings are chosen from across disciplines, including political science, anthropology, economics, and history. Also uses novels and films on South Asia to illustrate themes highlighted in the readings.

**Political and Economic Development in Comparative Perspective**

POL-UA 570  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

Classical and contemporary theories, ranging from neoclassical to structural to recent endogenous growth theories. Focuses on institutions and governance as conditions for growth and development. Examines the relationship between political and economic change in selected countries, as well as global patterns.

**The Political Economy of Institutions**

POL-UA 575  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

Examines the relationship between economic incentives and the creation and maintenance of political and economic institutions. Topics include the creation and assignment of property rights, the rule of law, and the creation of markets.

**Collective Action: Social Movements and Revolutions**

POL-UA 580  Prerequisite: Comparative Politics (POL-UA 500). Offered periodically. 4 points.

Surveys theoretical approaches and historical evolution. Case studies include the civil rights movement in the United States, revolutionary social movements in Central America and southern Africa, and the French and Chinese revolutions.

**Contemporary African Politics**

POL-UA 584  Prerequisite: Comparative Politics (POL-UA 500). Offered every other year. 4 points.

Key questions: Why are state institutions weaker in Africa than in other developing regions? What explains Africa’s slow economic growth? What can be done to improve political accountability on the continent? Why have some African countries been plagued by high levels of political violence while others have not? Can or should the West attempt to “save” Africa?

**Undergraduate Field Seminar: Comparative Politics**

POL-UA 595  Prerequisites: Comparative Politics (POL-UA 500) and three other politics courses, junior or senior standing, and a minimum 3.0 GPA. Offered every semester. 4 points.

Advanced seminar for juniors and seniors. Topics vary.

**Networks and Politics**

POL-UA 597  Prerequisite: Comparative Politics (POL-UA 500). Offered every fall. 4 points.

Network analysis explains how objects of study are influenced by “neighboring” objects. Examines its application to social and political phenomena: segre-
gation, the spread of ideas and learning, institutional design, the adoption of new technologies, migration, trade, and revolution.

International Politics

International Politics (core course)
POL-UA 700  Offered every semester.
4 points.
Emphasizes the issue of war and how and in what circumstances states engage in violence. Topics: different historical and possible future systems of international relations, imperialism, the Cold War, game theory and deterrents, national interests, and world organization.

U.S. Foreign Policy
POL-UA 710  Offered every semester.
4 points.
Analysis of the sources of U.S. foreign policy and the major international problems facing the United States today. Considers the role of national interest, ideology, and institutions.

The Politics of Human Rights
POL-UA 711  Prerequisite: International Politics (POL-UA 700). Offered every year.
4 points.
Examines the political history of the international human rights regime; the causes of contemporary human rights problems; the economic, social, and political factors associated with human rights progress; and strategic approaches employed to improve human rights.

National Security
POL-UA 712  Prerequisite: International Politics (POL-UA 700). Offered every year.
4 points.
How national security decisions are made in the U.S., as well as past and current military strategies used to carry out those decisions. Examines the particular national security concerns and policies of other nations. Queries whether international trade and competition, immigration, illegal drugs, and the environment should be considered national security issues.

American Primacy
POL-UA 715  Prerequisite: International Politics (POL-UA 700). Offered every year.
4 points.
How did the United States become the world’s dominant nation? Does America differ from other countries in fundamental ways? Examines how American primacy builds on the earlier ascendency of Britain and Western Europe and considers theories of dominance.

The Politics of International Law
POL-UA 718  Prerequisite: International Politics (POL-UA 700). Offered periodically.
4 points.
Examines the impact of international politics on the nature, evolution, and impact of international law and the growing role that international law and institutions play in shaping both international relations and domestic politics.

Diplomacy and Negotiation
POL-UA 720  Prerequisite: International Politics (POL-UA 700). Offered periodically.
4 points.
Special emphasis on bargaining strategies nations use to settle differences and avoid wars, including the use of mediators, arbitrators, and institutions like the United Nations. Applies game theory to the use of exaggeration, threats, and deception in bilateral and multilateral diplomacy.

International Organization
POL-UA 730  Prerequisite: International Politics (POL-UA 700). Offered periodically.
4 points.
Addresses the benefits of international cooperation, considers why states comply with their agreements when there is no authority to enforce them, and asks how those cooperative agreements are negotiated. Touches on empirical evidence for and against the theories discussed in class. Applications of theory include environmental and trade policy cooperation, human rights, and arms control.

Business and American Foreign Policy
POL-UA 736  Prerequisite: Power and Politics in America (POL-UA 300), International Politics (POL-UA 700), or Intermediate Microeconomics (ECON-UA 10). Offered periodically. 4 points.
Competing theories of the relationship between business and government in the conduct of foreign policy, and the applicability of these theories to East-West trade, the defense procurement process, intervention and development in the Third World, human rights, and the effect of trade and investment on the American economy.

International Law
POL-UA 740  Prerequisite: International Politics (POL-UA 700). Offered periodically.
4 points.
Recognition of states and governments; continuity of states and state succession; jurisdiction over persons, land, sea, air, and outer space; international responsibility and the law of claims; diplomatic privileges and immunities; treaties; regulation of the use of force; and the challenges posed by new states to the established legal order.

War, Peace, and World Order
POL-UA 741  Prerequisite: International Politics (POL-UA 700). Offered every year.
4 points.
The role and use of coercion in global affairs, with emphasis on attempts to
substitute negotiation, bargaining, market forces, politics, and law for the resort to massive violence in moderating disputes.

**Terrorism**

POL-UA 742  *Prerequisite: International Politics (POL-UA 700). Offered periodically. 4 points.*

Examines foundational issues and economic, psychological, strategic, and social theories, as well as the cessation of terrorist violence, government negotiation with terrorists, the relationship between terrorists and nonviolent political actors, and the internal political economy of terrorist organizations. Considers terror in the Middle East, nationalist terror, and Maoist revolutionary terror.

**International Politics of the Middle East**

POL-UA 760  *Identical to MEIS-UA 752. No prerequisite. Offered every year. 4 points.*

Emphasizes the period since World War II. Examines patterns of inter-Arab, Arab-Israeli, and great power politics, and the relationship between domestic and external politics. Topics: the Arab-Israeli conflict, the place and role of Turkey and Iran, and problems in the Persian Gulf.

**International Relations of Asia**

POL-UA 770  *Identical to EAST-UA 770. Offered every year. 4 points.*

Relations between Asian nations and between the Asian “subsystem” and the international system. Topics: traditional Asian concepts of transnational order, the impact of external interventions, modern ideological conflict and technological revolution, the emergent multilateral balance beyond Vietnam, and the U.S. role in Asia.

**International Political Economy**

POL-UA 775  *Prerequisite: International Politics (POL-UA 700). Offered periodically. 4 points.*

Familiarizes students with analytical tools that allow a better understanding of the current problems and opportunities facing actors in today’s international political economy.

**Inter-American Relations**

POL-UA 780  *Formerly Latin America and the World. Prerequisite: International Politics (POL-UA 700). Offered periodically. 4 points.*

Focuses on the 20th century and provides a historical, sociological, and economic background of Latin American political development and the role of the United States. Regional revolutions and their effects on U.S.-Latin American relations are discussed, along with U.S. social, political, and military intervention in the region and its effect on strengthening and/or hindering democracy.

**Undergraduate Field Seminar: International Relations**

POL-UA 795  *Prerequisites: International Politics (POL-UA 700) and three other politics courses, junior or senior standing, and a minimum 3.0 GPA. Offered every semester. 4 points.*

Advanced seminar for juniors and seniors. Topics vary.

**Honors Seminar: American Empire?**

POL-UA 796  *Prerequisites: International Politics (POL-UA 700) and three other politics courses, junior or senior standing, and a minimum 3.5 GPA. Offered every year. 4 points.*

Considers whether America is creating an empire, or whether U.S. influence is simply a reflection of the wealth and military might that Americans command.

**Analytical Politics**

**Political Engineering:**

**The Design of Institutions**

POL-UA 810  *Offered periodically. 4 points.*

The tools of economic theory, game theory, and social choice theory are applied to the rational choice analysis of political institutions, whose consequences for society are derived from assumptions about what individuals seek to maximize.

**Introduction to Political Psychology**

POL-UA 812  *Offered every year. 4 points.*

Personality, the dynamics of social groups, and the effect of emotion on decision making, as applied to the media and political advertising, race relations, the legitimacy of government institutions, and the formation of opinions and ideologies. Describes political psychology experimentation.

**Introduction to Game Theory**

POL-UA 840  *Offered every year. 4 points.*

Whenever choices made by two or more distinct decision makers reciprocally affect their outcomes, the strategic interaction between them is game-theoretic in nature. Widely applied to phenomena in economics and biology, game theory is used in political science to consider the allocation of and competition for such scarce goods as power and wealth.

**Doing Political Economy:**

**Approaches to Public Policy**

POL-UA 842  *Offered every semester. 4 points.*

Political economy explains political and economic behavior by characterizing the incentives of actors and the context in which these actors make decisions and influence outcomes. Introduces students to these theoretical approaches and demonstrates their application to contemporary policy questions.
Games, Strategy, and Politics
POL-UA 844  Offered every year. 4 points.
Uses of strategy in defense and deterrence policies of nations, guerrilla warfare of revolutionaries and terrorists, bargaining and negotiation processes, coalitions and the enforcement of collective action, and voting in committees and elections. Secrecy and deception as political strategies and the uses of power.

Social Choice and Politics
POL-UA 845  Offered periodically. 4 points.
Individual choice, group choice, collective action, and institutions. Examines models of individuals' voting behavior, the incentive structures of interest groups, and the role of institutions.

Experimental Methods in Political Science
POL-UA 846  Prerequisite: Research Methods in Political Science (POL-UA 850) or equivalent. Offered periodically. 4 points.
Emphasizes several different styles of laboratory experiments, with some attention to field and survey experiments.

Introduction to Research Methods for Politics
POL-UA 850  Offered every semester. 4 points.
Quantitative techniques and methods; designing research projects; how theory and data fit together; statistical software.

Undergraduate Field Seminar: Analytical Politics
POL-UA 895  Prerequisite: junior or senior standing with a cumulative GPA of 3.0 and four previous courses in politics, or permission of the instructor. Offered periodically. 4 points.
Advanced seminar for juniors and seniors. Topics vary.

Honors, Internships, and Independent Study

Senior Honors I
POL-UA 950  Prerequisite: admission to the honors program. Offered in the fall. 4 points.
Provides students with the skills needed to design a feasible research project in political science and supports them in the development of a detailed research proposal for the senior thesis.

Senior Honors II
POL-UA 951  Prerequisite: completion of Senior Honors I (POL-UA 950). Offered in the spring. 4 points.
Supports students in the writing of their senior theses.

Internships in Politics and Government I, II
POL-UA 970, 971  Restricted to junior and senior politics majors with a minimum 3.0 GPA who obtain permission of the director of internships. Do not count toward the major. Students are limited to a maximum of eight combined credits from Internships in Politics and Government (POL-UA 970, 971) and/or Readings and Research (POL-UA 990). Offered every semester. 2 to 4 points per term.
Integration of part-time working experience in governmental agencies or other political offices and organizations with study of related problems in politics and political science.

Readings and Research
POL-UA 990  Prerequisite: written approval of student's departmental adviser, the instructor, and the director of undergraduate studies. Does not count toward the major. Students are limited to a maximum of eight combined credits from Internships in Politics and Government (POL-UA 970, 971) and/or Readings and Research (POL-UA 990). Offered every semester. 2 or 4 points.

Topics
POL-UA 994  Prerequisite: core course in relevant field or permission of the instructor. Offered every semester. 4 points.
Accommodates faculty who wish to give a one-time or experimental course, often taught seminar-style, on subject areas or issues not in the permanent course offerings.

Graduate Courses Open to Undergraduates

Courses at the 1000 and 2000 levels are open to exceptional undergraduates with an adequate background in politics. Requires written permission of the instructor or, in the instructor's absence, the director of graduate studies.
OVERVIEW

The Department of Psychology at NYU approaches the study of mind and behavior from many perspectives. Cognitive psychologists focus on perception, memory, attention, language, and thinking. Social and personality psychologists determine how social beliefs, attitudes, and decisions are formed and maintained. Cognitive neuroscientists study features and functions in the brain as they relate to certain mental processes. Developmental psychologists seek to understand factors that affect and influence individuals across various ages. These many perspectives are reflected in undergraduate course offerings, all of which emphasize the scientific basis of psychology.

In addition to its course offerings, the department encourages advanced undergraduates to become involved in faculty research through the Research Experiences and Methods course and the honors program. Highly qualified students are admitted to the honors program in their sophomore or junior year, take honors seminars, participate in primary research, and write an honors research thesis under close faculty supervision.

NYU psychology majors graduate with an excellent academic foundation in psychology and are well-prepared for graduate study in the field. Graduates are accepted by top programs throughout the country. Others go on to careers in law, business, medicine, and education.
Important note: The major in psychology is subject to possible changes in the near future. Any such revisions will not appear in this static PDF; please find the most up-to-date version of the major and its requirements in the online CAS Bulletin, bulletin.cas.nyu.edu.

Advanced Placement in Psychology and Statistics

Entering students with a score of 4 or 5 on the AP exam in psychology receive credit for Introduction to Psychology (PSYCH-UA 1) and may count it as one of the ten courses required for the major. The same policy applies to students with International Baccalaureate credit (a score of 6 or 7, HL only) or A-Level credit (a grade of B or higher) in psychology.

Entering students with a score of 4 or 5 on the AP exam in statistics receive credit for Statistics for the Behavioral Sciences (PSYCH-UA 10) and may count this as one of the ten courses required for the major.

Major in Psychology

Ten 4-point courses (40 points), completed with a grade of C or higher, are required:

- Introduction to Psychology (PSYCH-UA 1)
- Statistics for the Behavioral Sciences (PSYCH-UA 10)
- Advanced Psychological Statistics (PSYCH-UA 11)
- Two courses from Core A (psychology as a natural science)
- Two courses from Core B (psychology as a social science)
- One laboratory course from Core C
- Two advanced electives

General Policies Applying to the Major

To declare a major in psychology, students must first earn a grade of C or better in both Introduction to Psychology (PSYCH-UA 1) and Statistics for the Behavioral Sciences (PSYCH-UA 10).

Developmental Psychology (PSYCH-UA 34) and Social Neuroscience (PSYCH-UA 35) can be selected by a student to count as either a Core A or Core B requirement (but not both).

Credit toward the major is not granted for courses completed with a grade of less than C, or for courses taken on a Pass/Fail basis.

General Recommendations

Introduction to Psychology (PSYCH-UA 1) is taken first, preferably in the freshman year. Statistics for the Behavioral Sciences (PSYCH-UA 10) should be taken next, as it lays the methodological groundwork for the research discussed in core courses; it must be among the first four psychology courses taken. The department advises students to take the required course Advanced Psychological Statistics (PSYCH-UA 11) directly after Statistics for the Behavioral Sciences (PSYCH-UA 10). Core A and B courses of greatest interest to the student should be taken as soon as possible as preparation for the related Core C laboratory course. Advanced electives would typically be taken last. It is advised that students complete Core C before taking advanced courses, preferably by the spring of the junior year.

Students interested in graduate training in psychology should become involved in research. Research Experience in Psychology (PSYCH-UA 996) offers the opportunity to participate in faculty research, providing a supervised research experience as well as training in research.
presentation and criticism. This course can help students in deciding about career directions and can result in a faculty letter of recommendation for graduate school applications.

**Pursuing an interest in clinical psychology:** Students interested in graduate work in clinical psychology should consider some combination of Personality (PSYCH-UA 30), Practicum in Clinical Psychology Research (PSYCH-UA 43) or Abnormal Psychology (PSYCH-UA 51), and Clinical Psychology (PSYCH-UA 81) among their course selections. Developmental Psychology (PSYCH-UA 34) is also an appropriate choice. The department provides special advisement for these students; contact the undergraduate program office for details.

**Pursuing an interest in experimental psychology or industrial and organizational psychology:** If a student plans to pursue a research career (particularly in Core A areas), then in addition to the relevant courses in the major, courses in mathematics, chemistry, biology, physics, and computer science may be beneficial. If a career in business or organizational psychology is the goal, then in addition to Social Psychology (PSYCH-UA 32), Laboratory in Social and Organizational Psychology (PSYCH-UA 38), and Industrial and Organizational Psychology (PSYCH-UA 62) courses in economics, sociology, and mathematics may be useful.

**Joint Major in Language and Mind**

This major, intended as an introduction to cognitive science, is administered by the Departments of Linguistics, Philosophy, and Psychology. Ten courses (40 points) are required (four in linguistics, one in philosophy, four in psychology, and one additional course). All must be completed with a grade of C or better. For advisement, language and mind majors should consult with the directors of undergraduate studies of the participating departments.

The linguistics component consists of these four courses:

- Language and Mind (LING-UA 3) or Language (LING-UA 1)
- Two courses chosen from the following:
  - Introduction to Semantics (LING-UA 4)
  - Phonological Analysis (LING-UA 12)
  - Grammatical Analysis (LING-UA 13)
- One course chosen from the following:
  - Introduction to Semantics (LING-UA 4)
  - Psycholinguistics (LING-UA 5)
  - Patterns in Language (LING-UA 6)
  - Formal Languages (LING-UA 7)
  - Sound and Language (LING-UA 11)
  - Phonological Analysis (LING-UA 12)
  - Grammatical Analysis (LING-UA 13)
  - Advanced Semantics (LING-UA 19)
  - Propositional Attitudes (LING-UA 35)
  - The Syntax/Semantics Interface Cross-linguistically (LING-UA 37)
  - Neural Bases of Language (LING-UA 43 or PSYCH-UA 300)
  - Linguistics as Cognitive Science (LING-UA 48)
  - Learning to Speak (LING-UA 54)
  - Introduction to Morphology at an Advanced Level (LING-UA 55)
  - First Language Acquisition (LING-UA 59 or PSYCH-UA 300)

The philosophy component is any one of the following three courses (4 points):

- Minds and Machines (PHIL-UA 5)
• Logic (PHIL-UA 70)
• Philosophy of Language (PHIL-UA 85)

The psychology component consists of four courses (16 points):

• Statistics for the Behavioral Sciences (PSYCH-UA 10)
• Cognition (PSYCH-UA 29)
• One course from:
  • Introduction to Psycholinguistics (PSYCH-UA 56)
  • Language Acquisition and Cognitive Development (PSYCH-UA 300)
  • Neural Bases of Language (PSYCH-UA 300)
  • Speech: A Window into the Developing Mind (PSYCH-UA 300)
• One course from:
  • Perception (PSYCH-UA 22)
  • Cognitive Neuroscience (PSYCH-UA 25)
  • Laboratory in Cognition and Perception (PSYCH-UA 46)
  • Introduction to Psycholinguistics (PSYCH-UA 56)
  • Language Acquisition and Cognitive Development (PSYCH-UA 300)
  • Neural Bases of Language (PSYCH-UA 300)
  • Speech: A Window into the Developing Mind (PSYCH-UA 300)

The tenth course (4 points) will be one of the above-listed courses that has not already been chosen to satisfy the departmental components.

**Minor in Psychology**

A minor in psychology comprises four 4-point courses (16 points), with a grade of C or better:

• Introduction to Psychology (PSYCH-UA 1)
• One course from the Core A group
• One course from the Core B group
• One advanced elective

**General Policies Applying to the Minor**

To declare a minor in psychology, students must first earn a grade of C or better in Introduction to Psychology (PSYCH-UA 1).

Credit toward the minor is not granted for courses completed with a grade of less than C, or for courses taken on a Pass/Fail basis.

Statistics for the Behavioral Sciences (PSYCH-UA 10) cannot be applied toward the requirements of the minor.

Developmental Psychology (PSYCH-UA 34) and Social Neuroscience (PSYCH-UA 35) can be selected by a student to count as either a Core A or Core B requirement (but not both).

**Honors Program**

The honors program provides students majoring in psychology an opportunity to engage in closely supervised yet independent research and scholarship. Honors prepares students for graduate-level work in psychology or such related professional fields as business, law, or medicine. The year-long program provides students with experiences and skills that may help them attain their career objectives. Students apply for admission to the honors program in their sophomore or junior year.
with occasional exceptions for late transfer students. Admission is based on a minimum overall and major GPA of 3.65 and the ability to benefit from a program that emphasizes independent research projects and research seminars.

Honors students take the Honors Seminar sequence in either their junior or senior year: Honors Seminar I (PSYCH-UA 200) in the fall and Honors Seminar II (PSYCH-UA 201) in the spring. An honors research thesis, usually an expansion of an ongoing research project in a faculty laboratory, is submitted for faculty approval near the end of the junior or senior year. Details and application forms are available from the department.

## COURSES

### Introduction to Psychology (PSYCH-UA 1)

The equivalent is a prerequisite for all courses in psychology, except for Statistics for the Behavioral Sciences (PSYCH-UA 10) and Advanced Psychological Statistics (PSYCH-UA 11). Some courses carry additional prerequisites, as noted below.

### Introductory and Statistics Courses

#### Introduction to Psychology

PSYCH-UA 1  *Offered every semester.*

Coons, Rhodes, Van Bavel. 4 points.

Fundamental principles, with emphasis on basic research and applications in psychology’s major theoretical areas of study: thought, memory, learning, perception, personality, social processes, development, and physiological bases of psychology. Includes direct observation of methods of investigation through laboratory demonstrations and student participation in current research projects.

#### Statistics for the Behavioral Sciences

PSYCH-UA 10  *Offered every semester.*

Bauer. 4 points.

Provides tools for evaluating data derived from psychological studies. Data description, significance tests, confidence intervals, linear regression, analysis of variance, and other topics. Students analyze psychological data and interpret results from randomized experiments as well as correlational studies.

#### Advanced Psychological Statistics

PSYCH-UA 11  *Prerequisite: Statistics for the Behavioral Sciences (PSYCH-UA 10) or Advanced Placement credit in statistics. Offered every semester.*

Wallisch. 4 points.

Provides a deeper understanding of the aim and use of various behavioral statistical analyses and procedures. Focuses on the use of statistical tests, software used to analyze data, and empirical methodologies.

#### Core A: Psychology as a Natural Science

Two Core A courses must be taken for the major, one for the minor. Introduction to Psychology (PSYCH-UA 1) is the prerequisite for all Core A courses.

#### Perception

PSYCH-UA 22  *Prerequisite: Introduction to Psychology (PSYCH-UA 1). Offered every semester.*

Landy, Maloney, Winawer. 4 points.

Survey of basic facts, theories, and methods of studying sensation and perception. Emphasis is on vision and audition, although other modalities may be covered. Topics include: receptor function and physiology; color; motion; depth; psychophysics of detection, discrimination, and appearance; perceptual constancies; adaptation, pattern recognition, and the interaction of knowledge and perception.

#### Cognitive Neuroscience

PSYCH-UA 25  *Prerequisite: Introduction to Psychology (PSYCH-UA 1). Offered every semester.*

Curtis. 4 points.

Provides a broad understanding of the foundations of cognitive neuroscience, including dominant theories of the neural underpinnings of a variety of cognitive processes and the research that has led to those theories. Covers the goals of cognitive neuroscience research and the methods that are being employed to reach these goals.

#### Cognition

PSYCH-UA 29  *Prerequisite: Introduction to Psychology (PSYCH-UA 1). Offered every semester.*

Hilford, Rehder. 4 points.

Introduction to theories and research in some major areas of cognitive psychology, including human memory, attention, language production and comprehension, thinking, and reasoning.

#### Developmental Psychology

PSYCH-UA 34  *Prerequisite: Introduction to Psychology (PSYCH-UA 1). Counts as a Core A or Core B but not both. Offered every semester.*

Adolph, Cimpian, Dillon. 4 points.

Introduction of relevant theoretical issues and selected research. Focuses on infancy through adolescence.
Lectures interweave theory, methods, and findings about how we develop as perceiving, thinking, and feeling beings.

**Social Neuroscience**

PSYCH-UA 35  **Prerequisite: Introduction to Psychology (PSYCH-UA 1).** Counts as a Core A or Core B but not both. Offered every semester. 4 points.

Reviews theories and methods guiding social neuroscience and research examining the brain basis of social processes, including snap judgments; theory of mind; empathy; emotion; perceiving faces, bodies, and voices; morality; among others.

**Core B: Psychology as a Social Science**

Two Core B courses must be taken for the major, one for the minor. Introduction to Psychology (PSYCH-UA 1) is the prerequisite for all Core B courses.

**Personality**

PSYCH-UA 30  **Prerequisite: Introduction to Psychology (PSYCH-UA 1).** Offered every semester. Andersen. 4 points.

Introduction to research in personality, including such topics as the self-concept; unconscious processes; how we relate to others; and stress, anxiety, and depression.

**Social Psychology**

PSYCH-UA 32  **Prerequisite: Introduction to Psychology (PSYCH-UA 1).** Offered every semester. West. 4 points.

Theories and research about the social behavior of individuals: perception of others and the self, attraction, affiliation, altruism and helping, aggression, moral thought and action, conformity, social exchange and bargaining, group decision making, leadership and power, and environmental psychology.

**Developmental Psychology**

PSYCH-UA 34  **Prerequisite: Introduction to Psychology (PSYCH-UA 1).** Counts as a Core A or Core B but not both. Offered every semester. Adolph, Cimpian, Dillon. 4 points.

Introduction and overview of relevant theoretical issues and selected research. Focuses on infancy through adolescence. Lectures interweave theory, methods, and findings about how we develop as perceiving, thinking, and feeling beings.

**Social Neuroscience**

PSYCH-UA 35  **Prerequisite: Introduction to Psychology (PSYCH-UA 1).** Counts as a Core A or Core B but not both. Offered every semester. 4 points.

Reviews theories and methods guiding social neuroscience and research examining the brain basis of social processes, including snap judgments; theory of mind; empathy; emotion; perceiving faces, bodies, and voices; morality.

**Core C: Laboratory Courses**

One Core C course is required for the major. Introduction to Psychology (PSYCH-UA 1) and Statistics for the Behavioral Sciences (PSYCH-UA 10) are prerequisites for all Core C courses. These courses have additional prerequisites as noted below.

**Laboratory in Social and Organizational Psychology**

PSYCH-UA 38  **Prerequisite: Personality (PSYCH-UA 30), or Social Psychology (PSYCH-UA 32), or Industrial and Organizational Psychology (PSYCH-UA 62).** Offered in the fall. Hellman. 4 points.

Acquaints students with research methodology in organizational psychology. They perform an original study, such as a laboratory experiment or research survey, in one of these areas.

**Laboratory in Personality and Social Psychology**

PSYCH-UA 39  **Prerequisite: Personality (PSYCH-UA 30), or Social Psychology (PSYCH-UA 32), or Abnormal Psychology (PSYCH-UA 51), or Industrial and Organizational Psychology (PSYCH-UA 62).** Offered every semester. Balcetis, Gollwitzer, Knowles. 4 points.

Methodology and procedures of research and exercises in data analysis and research design. Statistical concepts such as reliability and validity, methods of constructing personality measures, merits and limitations of correlational and experimental research designs, and empirical evaluation of theories. Student teams conduct research projects.

**Laboratory in Developmental Psychology**

PSYCH-UA 40  **Prerequisite: Developmental Psychology (PSYCH-UA 34).** 4 points.

Review of observational and experimental techniques for studying children. Requires a short-term study in a field or laboratory setting. Two presentations requiring a literature review and a proposed experimental design, with a report of the results of the study due at end of term.

**Laboratory in Infancy Research**

PSYCH-UA 42  **Prerequisite: Developmental Psychology (PSYCH-UA 34), and/or to be taken with a second semester of Tutorial in Infant Research (PSYCH-UA 992).**

Permission of the instructor required. Offered every semester. Adolph. 4 points.

Part of a year-long research training program. General methods for studying infant development and specific methods for examining infants' perceptual-motor development. Students design and conduct laboratory research projects, code and analyze data, and prepare results for presentation and
publication (grant proposals, conference submissions, and journal submissions).

Laboratory in Cognition and Perception
PSYCH-UA 46  Formerly PSYCH-UA 28. 
Prerequisite: Perception (PSYCH-UA 22), or Cognitive Neuroscience (PSYCH-UA 25), or Cognition (PSYCH-UA 29). Offered every semester. Gureckis, Hilford, McElree. 4 points.
Experience and knowledge of empirically-based investigations into cognition and perception is provided. Students engage in class-designed experiments and carry out research projects. Students learn to formulate experimental questions, design and conduct an experiment, complete statistical analyses, write research papers and present a short research talk.

Psychological Science and Society
PSYCH-UA 53  Formerly PSYCH-UA 300. 
Prerequisite: Perception (PSYCH-UA 22), or Cognitive Neuroscience (PSYCH-UA 25), or Cognition (PSYCH-UA 29), or Personality (PSYCH-UA 30), or Social Psychology (PSYCH-UA 32), or Developmental Psychology (PSYCH-UA 34), or Social Neuroscience (PSYCH-UA 35). Offered every semester. 4 points.
Provides an understanding of the research process in psychology, starting with empirical investigations and proceeding to the communication of the research (e.g. through primary journal articles and popular media). Emphasizes critical review and analyses of methods, statistical examinations, descriptions, and claims and interpretations of scientific research.

Advanced Elective Courses
Two advanced electives are required for the major, one for the minor. All have prerequisites in addition to Introduction to Psychology (PSYCH-UA 1), as noted below.

Teaching in Psychology
PSYCH-UA 2  Prerequisite: admittance by application only. Offered every semester. Hilford. 2 points.
Students attend a weekly seminar on teaching psychology, as well as the Introduction to Psychology (PSYCH-UA 1) lecture. Students put their training to immediate use by teaching a weekly Introduction to Psychology recitation.

Language and Mind
PSYCH-UA 27  Identical to LING-UA 3 (formerly LING-UA 28). Prerequisite: Cognition (PSYCH-UA 29). McElree, Pykkänen. Offered in the spring. 4 points.
Introduces the field of cognitive science through an examination of language behavior. Begins with interactive discussions of how best to characterize and study the mind. These principles are then illustrated through an examination of research and theories related to language representation and use. Draws from research in both formal linguistics and psycholinguistics.

Practicum in Clinical Psychology Research
PSYCH-UA 43  Formerly Laboratory in Clinical Psychology Research. Prerequisite: Personality (PSYCH-UA 30), or Abnormal Psychology (PSYCH-UA 51), or Clinical Psychology (PSYCH-UA 81). Offered every semester. Westerman. 4 points.
Students complete a set of hands-on research exercises. Methods include correlational and experimental designs and observational procedures. Topics include: psychotherapy process research; case formulation approaches to psychopathology and therapy; theoretical perspectives that are employed in both research and clinical practice.

Abnormal Psychology
PSYCH-UA 51  Prerequisite: any Core B course or permission of the instructor. Offered every semester. Reed, Westerman. 4 points.
The kinds, dynamics, causes, and treatment of psychopathology. Topics: early concepts of abnormal behavior; affective disorders, anxiety disorders, psychosis, and personality disorders; the nature and effectiveness of traditional and modern methods of psychotherapy; viewpoints of major psychologists past and present.

Introduction to Psycholinguistics
PSYCH-UA 56  Prerequisite: Language (LING-UA 1). Offered every other year. McElree. 4 points.
Theories and research concerning the cognitive processes and linguistic representations that enable language comprehension and production. Topics: speech perception, visual processes during reading, word recognition, syntactic processing, and semantic/discourse processing.

From Illusions to Inference
PSYCH-UA 60  Prerequisites: Introduction to Psychology (PSYCH-UA 1), and Calculus 1 (MATH-UA 121) or equivalent. Offered every year. Ma. 4 points.
Examines illusions (visual, auditory, tactile, vestibular, and multisensory) to understand the central concept of inference in perception: how the brain constantly forms hypotheses about the outside world and tries to figure out which is most probable.

Industrial and Organizational Psychology
PSYCH-UA 62  Prerequisites: Introduction to Psychology (PSYCH-UA 1); Statistics for the Behavioral Sciences (PSYCH-UA 10); and one Core B course chosen from Personality (PSYCH-UA 30), or Social Psychology
Beauty is famously hard to study scientifically, but students in this hands-on laboratory course will each week formulate beauty-related questions and design and implement experiments to answer them. We also read and discuss one article or chapter each week from authors including Kant, Woolf, Berlin, Donoghue, Kuhn, Quine, and Wittgenstein.

**Clinical Psychology**
PSYCH-UA 81 Prerequisites: Introduction to Psychology (PSYCH-UA 1) and Abnormal Psychology (PSYCH-UA 51). Offered every year. Reed, Westerman 4 points.
Provides a broad overview of the field. Topics include: assessment and treatment of psychological disorders. Attention is devoted to psychotherapy, but early intervention, psychopharmacology, and behavioral medicine also receive consideration. Combines theory, research, and practice: uses illustrative clinical examples; and discusses current controversies.

**Special Topics in Psychology**
PSYCH-UA 300 Topics determine prerequisites. Offered every semester. 4 points.
Advanced-level seminars. Topics vary. Supervised Reading PSYCH-UA 993 Prerequisite: permission of the department. May be repeated for credit. Counts as elective credit toward the degree and may count toward the major with permission of the department. Hilford. 1 to 4 points per term. Independent study, which may include research, readings, and written work. Supervised by a faculty member. May be used for internship or other practical training (academic work is required to earn credits; average of two hours a week at internship per point). Students may take no more than 12 points of independent study and/or internship; no more than 8 points may be taken in any one department.

**Research Experience in Psychology**
PSYCH-UA 996 Prerequisites: Introduction to Psychology (PSYCH-UA 1), Statistics for the Behavioral Sciences (PSYCH-UA 10), and permission of the department. May be repeated twice (a total of three enrollments) up to a maximum of 6 points. Hilford. 2 points.
Students identify a faculty member sponsor in the Department of Psychology and complete work in a research laboratory under the direct supervision of the faculty mentor. Provides critical preparation for graduate study and develops students' skills in research; data management, analysis, and visualization; statistics; computer programming; grant and paper writing.

**Honors Courses**
Open only to students who have been admitted to the psychology honors program. The Honors Seminars (PSYCH-UA 200 and PSYCH-UA 201) may be counted as the two advanced electives required for the major.

**Honors Seminar I**
PSYCH-UA 200 Prerequisite: admission to the honors program. Offered in the fall. 4 points.
Recent studies and classical papers related to current controversies in psychology. Discussion of theoretical and technical aspects of each student’s thesis project.

**Honors Seminar II**
PSYCH-UA 201 Prerequisite: Honors Seminar I (PSYCH-UA 200). Offered in the spring. 4 points.
Students present preliminary results of their thesis projects and interpret their findings.
Graduate Courses
Open to Undergraduates

Certain courses in the Graduate School of Arts and Science are open to junior or senior psychology majors who have (1) permission of their undergraduate psychology adviser, (2) permission of the Department of Psychology (graduate division), (3) the additional specific prerequisites listed for each course, and (4) permission of the instructor. For further information, please consult the department and the Graduate School of Arts and Science Bulletin.
JOINT MAJOR IN
Public Policy

wagner.nyu.edu/undergrad
295 Lafayette Street, 2nd Floor
New York, NY 10012
212-998-7400

Director of Undergraduate Studies
Clinical Associate Professor Naftali (Wagner)

OVERVIEW
The undergraduate major in public policy, jointly offered by the College of Arts and Science and the Robert F. Wagner Graduate School of Public Service, prepares students to play roles in the creation, implementation, and evaluation of policies that address the challenges faced by domestic and global publics in the 21st century. Students in the major acquire critical conceptual, analytical, and quantitative skills related to the policy making process and learn how to ethically apply these skills in the assessment of alternative policy responses to a broad range of public issues. Grounded in the principles of social science, the major is particularly appropriate for students who are both passionate about policy problems and dedicated to reaching solutions to these problems through the use of logic and evidence.

The public policy major prepares students for careers in government, the non-profit sector, research, and other fields involved in the creation, implementation, and evaluation of public policies.

PROGRAM

Major
The major in public policy requires one prerequisite and ten courses (eleven courses/44 points total) as listed below. The CAS prerequisite must be completed with a grade of C or better before a student can declare the major.

One prerequisite course (4 points) that provides students with the strong analytic framework necessary to enter the major:
• Introduction to Microeconomics (ECON-UA 2); advanced standing credit (AP, IB, etc.) in microeconomics is accepted.

Three required core courses (12 points) in economics, policymaking, and quantitative and qualitative analysis that introduce students to the key questions and tools involved in the study of public policy (note that UPADM-GP 101, 111, and 140 count as 12 of the 16 credits CAS students are allowed to take outside the College, and any additional Wagner courses will also count against the 16 points. In addition, note that no Wagner courses can count toward the 64 credits that internal or external transfer students to the College are required to complete in CAS-UA courses):
• The Politics of Public Policy (Wagner, UPADM-GP 101)
• Quantitative Analysis for Public Policy (Wagner, UPADM-GP 111); there are no exemptions. This course satisfies the College Core Curriculum Quantitative Reasoning requirement for public policy majors only. Other students cannot use the course to satisfy this Core requirement (no
exceptions).
• The Economics of Public Policy (Wagner, UPADM-GP 140); there are no substitutions for or
  exemptions from this requirement.

One course in ethics and justice (4 points), drawn from the following list (students must check
  the economics, philosophy, and politics sections of this Bulletin for prerequisites to CAS options):
• Ethics and Economics (ECON-UA 207)
• Ethics and Society (PHIL-UA 3)
• Ethics (PHIL-UA 40)
• Medical Ethics (PHIL-UA 50)
• Topics in Ethics and Political Philosophy; Equality (PHIL-UA 102)
• Ethics, Politics, and Public Policy (POL-UA 130)
• Normative Issues in Public Policy (Wagner, UPADM-GP 120)

Five electives (20 points). Public policy majors select five elective courses to deepen their under-
standing of, and expertise in, key policy areas.
• Two electives must be chosen from a list of pre-approved HIST-UA courses.
• At least one of the five courses must be in the policy analysis field.
• One elective may be an internship, to be chosen only from Internship Seminar (NODEP-UA 981)
  and Internship Seminar and Fieldwork (NODEP-UA 9982). For information on and application to
  NODEP-UA 9982, please consult with the College of Arts and Science Preprofessional Advising
  Center (726 Broadway, 7th floor; 212-998-8160). The internship course will only count towards
  the major if it is approved by the director via the review form available at wagner.nyu.edu/
  portal/students/academics/undergraduate/major.
• The current list of approved electives in the fields of economics, environmental studies, politics,
  sociology, etc. is available at wagner.nyu.edu/undergrad.
• Although students are not required to focus on any particular field, examples of the kinds of
  fields into which many elective offerings fall include environmental policy; ethics and policy;
  finance and economic policy; health policy; international development; law and policy; manage-
  ment and policy; politics and policy; social policy; and urban policy.

A senior seminar (PUBPL-UA 800, 4 points) in which students conduct in-depth analysis of a
  critical and relevant policy issue in a small classroom setting under the guidance of a faculty
  member from CAS or Wagner. Students apply the analytical methods and substantive knowledge
  of the policy process they have gained to a current policy problem of their choosing. Each student
  writes a senior seminar paper that consists of both policy analysis and recommendations for
  action.

Policies Applying to the Major
Credit toward the major is not given for courses completed with a grade of less than C, or for
  courses taken on a Pass/Fail basis.

Students in this major may double-count up to two courses towards this major and another major.
However, the department of the second major may allow more limited (or no) double-counting;
therefore, students must always check with advisers in their second major.

CAS students are allowed to take 16 credits in non-liberal arts courses in the other schools of
the University; the three required Wagner courses for this major count as 12 of those 16 credits,
and any additional Wagner courses will also count against the 16 points. Students with a good
academic reason for going over the 16-point limit must consult the College Advising Center (726
Broadway, 7th floor; 212-998-8130) for permission.
In addition, no Wagner courses can count toward the 64 credits that internal or external transfer students to the College are required to complete in CAS (-UA) courses.

**Advisement and Declaration**

To declare the major, students should complete the declaration form available at [wagner.nyu.edu/undergrad](http://wagner.nyu.edu/undergrad). Students should reach out to NYU Wagner at wagner.undergraduate@nyu.edu for advising.

**Recommended Sequencing of Courses**

First Year:
- Introduction to Microeconomics (ECON-UA 2), if no advanced standing credit
- Politics of Public Policy (UPADM-GP 101), offered every semester

Second Year:
- Quantitative Analysis for Public Policy (UPADM-GP 111), offered in the fall
- The Economics of Public Policy (UPADM-GP 140), offered in the spring

**Minors**

There are three cross-school minors for students interested in public policy. One, called public policy analysis, closely mirrors the core of the public policy major and is offered jointly by Wagner and CAS. The two others are the minors in social and public policy (offered by Wagner and CAS) and in public policy and management (offered by Wagner and Stern). For information on these three minors, please see the cross-school minors section of this Bulletin.

**Honors Program**

The public policy program offers students the opportunity to achieve honors in the major by (1) maintaining a 3.65 GPA in both the ten courses required for the major (the prerequisite course is not calculated in this GPA) and overall, and (2) successfully completing (with a B+ or higher) a thesis comprising original research, policy analysis, and policy advocacy.

At the end of their junior year, all prospective honors students must consult with the program's academic advisor to determine whether they meet the GPA criteria for the honors track. Then, during the fall of their senior year, eligible majors apply for entry into the spring semester thesis writing honors seminar (PUBPL-UA 801, 4 points). The seminar is limited to 15 students and admission depends on the quality of the proposed thesis project. Prospective thesis writers must delineate the policy area and policy problem they wish to focus on, as well as provide a bibliography of relevant sources (primary and secondary) that they have already consulted.

The honors seminar is an additional eleventh course that does not count toward the ten required for the major proper. Although the honors thesis is likely to be broadly related to topics students have examined in other classes—especially in the Senior Seminar (PUBPL-UA 800) required of all majors—it must be the intellectual capstone of students’ academic experience at NYU, not a restatement or extension of a policy proposal submitted in a previous class.

Students who earn less than a B+ on the thesis will not receive honors in the major, but the 4 points earned for a passing grade in PUBPL-UA 801 will still count toward the points required for graduation.
COURSES

CAS Prerequisite Course

All students planning a major in public policy must complete ECON-UA 2 (or present advanced standing credit in microeconomics from AP, etc.) with a C or better before they can declare the major. For description and prerequisites, please see the economics section of this Bulletin.

Introduction to Microeconomics
ECON-UA 2  4 points.

Wagner Core Courses

All public policy majors must take these three courses. Together, they count as 12 of the 16 credits that CAS students are allowed to take in the other schools of the University; any additional Wagner courses will also count against the 16 points. Students must consult with the College Advising Center (726 Broadway, 7th floor; 212-998-8130), for permission to take additional credits outside of the College. No Wagner courses can count toward the 64 credits that internal or external transfer students to the College are required to complete in CAS (-UA) courses.

The Politics of Public Policy
UPADM-GP 101  No prerequisites. All public policy majors must take this course; there are no exemptions. Offered every semester. 4 points.

Introduction to the political institutions and processes through which public policy is made and implemented in the United States. Also introduces the tools of policy analysis. Presents major models of policymaking and policy analysis and applies these concepts to specific policy areas such as health, education, and environment, illustrated by real-world case studies.

Quantitative Analysis for Public Policy
UPADM-GP 111  No prerequisites. All public policy majors must take this course; there are no exemptions. Satisfies the College Core Curriculum Quantitative Reasoning requirement for public policy majors only. Other students cannot use it to satisfy the QR Core requirement (no exceptions). Offered every semester. 4 points.

Introduces students to basic statistical methods and their application to management, policy, and financial decision-making. Covers the essential elements of descriptive statistics, univariate and bivariate statistical inference, and some multivariate analysis. Emphasizes applied statistics and data analysis making.

The Economics of Public Policy
UPADM-GP 140  Prerequisite: Introduction to Microeconomics (ECON-UA 2) or equivalent. All public policy majors must take this course; there are no substitutions for or exemptions from this requirement. Offered every semester. 4 points.

Analyzes the impact of public policy on the allocation of resources and distribution of income in the economy. When and how should the government intervene in the economy? What are the effects of those interventions on economic outcomes? Topics: income distribution and welfare programs, taxation and tax reform, government debt, market failures, Social Security, unemployment insurance, and health insurance.

Core Courses in Ethics and Justice

All public policy majors must take one of these courses. For descriptions of and prerequisites for the CAS options, please see the economics, philosophy, and politics sections of this Bulletin.

Ethics and Economics
ECON-UA 207  4 points.

Ethics and Society
PHIL-UA 3  4 points.

Ethics
PHIL-UA 40  4 points.

Medical Ethics
PHIL-UA 50  4 points.

Topics in Ethics and Political Philosophy
PHIL-UA 102  4 points.

Ethics, Politics, and Public Policy
POL-UA 130  4 points.

Normative Issues in Public Policy
UPADM-GP 120  4 points.

Examination of some of the most difficult decisions faced by the White House in the modern era. Issues in their historical context. Ethical, political, and personal factors in decision making.
Policy Electives

All public policy majors must take five electives, to be drawn from a pre-approved list available at wagner.nyu.edu/undergrad. Two electives must be chosen from a list of pre-approved HIST-UA courses. At least one of the five courses must be in the policy analysis field. One elective may be an internship, to be chosen only from Internship Seminar (NODEP-UA 981) and Internship Seminar and Fieldwork (NODEP-UA 9982). For information on and application to NODEP-UA 9982, please consult with the College of Arts and Science Preprofessional Advising Center (726 Broadway, 7th floor; 212-998-8160). The internship course will only count towards the major if it is approved by the director via the review form available at wagner.nyu.edu/portal/students/academics/undergraduate/major.

Senior Seminar and Honors Thesis

Public Policy Senior Seminar
PUBPL-UA 800  Prerequisite: completion of all coursework for public policy major. Required of all majors. 4 points.
Students apply the analytical methods they have mastered and the substantive knowledge of the policy process they have gained to a current policy problem of their choosing. Each student writes a capstone paper that consists of both policy analysis and recommendations for action. Provides structured guidance and supervision on the preparation and execution of a piece of policy analysis.

Senior Honors Thesis
PUBPL-UA 801  Prerequisites: a 3.65 GPA overall and in the major, and application and admission to the honors program. Seminar. 4 points.
Provides students with the skills needed to design a feasible research project in public policy and supports them in the development of a detailed research proposal for the senior honors thesis.
DEPARTMENT OF
Religious Studies

The Department of Religious Studies explores religious practice as an important aspect of social life in three ways. First, students study the theories and methods through which religion is analyzed today, including psychological, sociological, anthropological, philosophical, historical, legal, and literary approaches. They also approach the study of “religion” as a concept, which has itself been an intellectual object of inquiry and has played a key role in the development of the social and human sciences. Second, students learn empirically about religion in different times and places, either through historical or ethnographic study, using textual, visual, and audio sources. Third, students use religions, approached as lived practices, as a lens for examining other realms in social life, such as gender and sexuality, race, the nation-state, violence, memory, ethics, emotions, politics, economy, power, art, literature, and media. These realms, in turn, have an impact on religions. The Department of Religious Studies is closely affiliated with the Center for Religion and Media. It should be stressed that the department is oriented toward the academic analysis of religious phenomena and does not promote or endorse either religious belief itself or the views and practices of any particular religious tradition.

FACULTY

Professors
Becker, de Vries

Associate Professor
Zito

Assistant Professors
McGrath, Oliphant

Associate Faculty

PROGRAM

Major
The major in religious studies requires eight 4-point courses (32 points) completed with a grade of C or better (courses graded Pass/Fail do not count), which must include both of the following:
- Theories and Methods in the Study of Religion (RELST-UA 1, offered only in the fall semester)
- Advanced Seminar: Comparative Topics in the Study of Religion (RELST-UA 15, usually offered only in the spring semester)

Majors are expected to outline completion of core requirements and design a coherent plan of study (which may, with permission, include courses outside the religious studies curriculum) in
consultation with the director of undergraduate studies.

**Minor**

The minor in religious studies requires four 4-point courses (16 points) completed with a grade of C or better (courses graded Pass/Fail do not count), which must include Theories and Methods in the Study of Religion (RELST-UA 1, offered only in the fall semester).

**Honors Program**

Eligibility: Students must spend at least two full years in residence at the College of Arts and Science, completing at least 64 points of graded work in the College. They must maintain a GPA of 3.65, both overall and in the religious studies major.

Requirements: Honors students must complete an additional two courses (8 points) above the requirements for the religious studies major (thus taking a total of ten courses/40 points). They register for two semesters of Independent Study (RELST-UA 997, 998) to conduct the research and writing of the thesis under the supervision of a departmental faculty member. The subject of the honors paper and the faculty supervisor are chosen in consultation with the director of undergraduate studies. The average length of the honors paper is approximately 30 double-spaced, typed pages.

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**COURSES**

**Required Courses for the Major**

**Theories and Methods in the Study of Religion**

RELST-UA 1  Identical to ANTH-UA 11. Offered in the fall. 4 points.

Fundamental theoretical and methodological issues pertaining to the academic study of religion. Theories of the origin, character, and function of religion as a human phenomenon. Understanding and interpretation of religious phenomena through psychological, sociological, anthropological, historical, and hermeneutical perspectives.

**Advanced Seminar**

RELST-UA 15  Prerequisites: junior or senior standing. Theories and Methods in the Study of Religion (RELST-UA 1), and at least two other religious studies courses, or permission of the instructor. Offered in the spring. 4 points.

Varying topics with cross-cultural applicability (for example: ritual, the body, sacrifice, religion and the state). Students examine topics within context of their own area of specialization, as well as within other traditions.

**Major Elective Courses**

**Texts and Ideas: Utopias and Dystopias**

CORE-UA 400  Counts toward the major in religious studies. Offered every other year. Becker. 4 points.

A survey of utopian literature and ideas from antiquity to the 21st century. The development of utopia as a genre is mapped out along with emergence of the more recent related genre of dystopia. Readings include Plato’s Republic, Thomas More’s Utopia, 19th century utopian fiction, and contemporary science fiction, as well as selections from the Bible, Augustine, Luther, Rousseau, Diderot, and Marx.

**Texts and Ideas: God**

CORE-UA 420  Counts toward the major in religious studies. Offered every other year. De Vries. 4 points.

Discusses historical and contemporary efforts to understand and justify “God” and what “He” might mean for us, regardless of our own belief or disbelief. Can the (admittedly insufficient) philosophical proofs for “His” existence that have been attempted throughout the ages convince or convert anyone? Is it even possible to speak of and reason about “God”? Examines these and other issues.

**Cultures and Contexts: Global Christianities**

CORE-UA 500  Counts toward the major in religious studies. Offered every year. Oliphant. 4 points.

Examines the ongoing global formation and reformation of Christianity, from its origins in a pluralistic ancient Mediterranean world and spread throughout
Europe and the Middle East to its historical and ever-transforming role in Africa, Asia, and the New World. Explores the problems and possibilities Christian texts, concepts, institutions, and narratives have posed for a diversity of populations over distinct historical periods.

**Cultures and Contexts:**

**Islamic Societies**
CORE-UA 502  Counts toward the major in religious studies. Offered every year. 4 points.

The emphasis in the pre-modern period is first on the Qur'an and then on law, political theory, theology, and mysticism. For the more recent period, the stress is on the search for religious identity. Throughout, students are exposed to Islamic societies in the words of their own writings.

**What Is Islam?**
RELST-UA 85  Identical to MEIS-UA 691, HIST-UA 85. Offered every year. 4 points.

Introduction to the life of the Prophet Muhammad and the origins of Islam; the beliefs and practices of the Islamic community; differences between Sunni and Shi’ite Islam; Sufism; the spiritual, intellectual, and artistic life of the Islamic commonwealth; and modern Islamic revival.

**Gender, Sexuality, and the Body in Early Christianity**
RELST-UA 86  Offered periodically. Becker. 4 points.

Reexamines the light shed by ancient writings (and other evidence) not only on the role(s) of women in ancient Christian groups but also on the ideologies of gender promoted or assumed by those groups. The focus, while predominantly on women, also extends to the way in which gender identities were constructed and adhered to by males and females.

**Of Miracles, Events, and Special Effects**
RELST-UA 97  Offered every other year. De Vries. 4 points.

Do miracles happen? What do miracles, everyday events, and special effects have in common? Brings together theological, philosophical, and media studies to pose questions and offer intellectual resources—an imaginative archive as well as repository—for answering some basic questions regarding human agency and freedom.

**Judaism, Christianity, and Islam**
RELST-UA 102  Identical to HBRJD-UA 160, MEDI-UA 25, MEIS-UA 800. Offered periodically. 4 points.

Explores differences and similarities between Judaism, Christianity, and Islam and assesses their roles and interactions in the formation and functions of human society, culture, and politics. Examines the ancient origins and contemporary relevance of these monotheistic traditions. Considers the existence of Judaisms, Christianities, and Islams, rather than a trio of theological monoliths.

**Jewish Mysticism and Hasidism**
RELST-UA 104  Identical to HBRJD-UA 430, MEDI-UA 430. 4 points.

See description under Hebrew and Judaic studies.

**Jewish Philosophy in the Medieval World**
RELST-UA 106  Identical to HBRJD-UA 425. 4 points.

See description under Hebrew and Judaic studies.

**Populism, Religion, and Crisis in Europe**
RELST-UA 111  Identical to ANTH-UA 111 Oliphant. 4 points.

Populist rhetoric, rising xenophobia, anti-migrant hysteria, Islamophobia, and high unemployment have called many of the myths of “Europe” into question. Explores the historical and contemporary politics of religion, populism, and crisis in countries throughout the European Union.

**Jewish Ethics**
RELST-UA 117  Identical to HBRJD-UA 117. Rubenstein. 4 points.

See description under Hebrew and Judaic studies.

**Biblical Archaeology**
RELST-UA 120  Identical to HBRJD-UA 120. Fleming. 4 points.

See description under Hebrew and Judaic studies.

**Jesus and Judaism**
RELST-UA 158  Identical to HBRJD-UA 158. Offered periodically. 4 points.

See description under Hebrew and Judaic studies.

**Foundations of the Christian-Jewish Argument**
RELST-UA 192  Identical to HBRJD-UA 160, MEDI-UA 160. 4 points.

See description under Hebrew and Judaic studies.

**Religion, Magic, and the Jewish Tradition**
RELST-UA 212  Identical to HBRJD-UA 212. 4 points.

See description under Hebrew and Judaic studies.

**Early History of God**
RELST-UA 220  Identical to HBRJD-UA 116. Fleming. 4 points.

See description under Hebrew and Judaic studies.

**Early Christian Mystics**
RELST-UA 241  Seminar. 4 points.

Explores how early Christian mystical thinkers laid the foundation for a long and diverse tradition of Christian engagement with the divine. Topics:
dependence on pagan thought, including the works of Plato; ascetic practices of chastity and fasting; monastic solitude; mystical interpretations of the biblical text; and the politics, literary culture, and psychology of mysticism more broadly.

**Introduction to the New Testament**

RELST-UA 302  
*Identical to CLASS-UA 293, HBRJD-UA 22. Offered periodically. Becker. 4 points.*

Examines issues and themes in the history of the Jesus movement and early Christianity through a survey of the main texts of the canonical New Testament, as well as other important early Christian documents. Provides historical context, describes modern scholarly methodologies, and places the empirical material within the larger framework of ancient history and the theoretical study of religion.

**Seminar**

RELST-UA 313  
*4 points.*

Emphasis varies by semester and is designed to allow flexibility in course offerings from visiting scholars and specialists in particular fields. Visit the religious studies department website for detailed course descriptions of the current semester’s topic(s).

**Religions of India**

RELST-UA 337  
*Offered every year. 4 points.*

Investigates religious developments in India within their historical context. Introduces Hinduism, Buddhism, Jainism, Islam, Sikhism, Christianity, and Judaism. Rather than survey religious traditions as closed systems divorced from time or place, students study the central theories and historiographical challenges pertaining to religion in India.

**Belief and Social Life in China**

RELST-UA 351  
*Identical to ANTH-UA 351, EAST-UA 351. Offered periodically. Zito. 4 points.*

The Chinese word for “religion” means “teaching.” Explores what Chinese people “taught” themselves about the person, society, and the natural world, and how social life was constructed and maintained. Examines in historical perspective the classic texts of the Taoist and Confucian canon and their synthesis as well as Buddhism, especially Ch’an (Zen). Discusses the practices of filiality in Buddhism, Confucian orthodoxy, and folk religion.

**Greek and Roman Mythology**

RELST-UA 404  
*Formerly Classical Mythology. Identical to CLASS-UA 404. Meineck. 4 points.*

See description under classics.

**Living a Good Life: Greek and Jewish Perspectives**

RELST-UA 422  
*Identical to HBRJD-UA 422 and PHIL-UA 428. Recommended prerequisite: Living the Good Life: Greek and Jewish Perspectives (RELST-UA 422). Offered every one to two years. Gottlieb. 4 points.*

See description under Hebrew and Judaic studies.

**Creating a Good Society: Christian and Jewish Perspectives**

RELST-UA 428  
*Identical to HBRJD-UA 428 and PHIL-UA 428. Recommended prerequisite: Living the Good Life: Greek and Jewish Perspectives (RELST-UA 422). Offered every one to two years. Gottlieb. 4 points.*

See description under Hebrew and Judaic studies.

**Jewish Responses to Modernity: Religion and Nationalism**

RELST-UA 470  
*Identical to HBRJD-UA 719. 4 points.*

See description under Hebrew and Judaic studies.

**American Religion**

RELST-UA 480  
*Offered periodically. 4 points.*

Explores the role of religion in American culture, politics, and law. Asks whether the United States has a secular government, what the separation of church and state means, and whether religious freedom exists for everyone. Considers the relationship of religion to slavery, settler colonialism, and Native American and immigrant assimilation. Examines religion’s role within movements for racial justice, reproductive choice, and LGBTQ equality.

**American Evangelicalism**

RELST-UA 482  
*Offered periodically. 4 points.*

Considers colonial America and religion in the new nation, evangelical reform in the 19th century, the clash between fundamentalists and modernists, holiness and Pentecostal movements, African American evangelicalism and the civil rights movement, the Christian right, youth movements, and neo-evangelicalism. Addresses variations in theology and religious practice and how evangelicals have approached modern Western culture (gender, race and ethnicity, performance, nation, sexuality, and economics).

**Religion and U.S. Political Radicalism**

RELST-UA 484  
*Offered periodically. 4 points.*

From the mid-19th century to the present. Introduces various models for defining and interpreting radicalism in religion and politics. Topics include labor activism, the women’s movement, anti-radical repression, genealogies of socialism and communism, civil rights activism, religious fundamentalism, ethnic and immigrant expressions of radicalism, and the role of religion in Occupy Wall Street and the Tea Party movement.
Confessional Culture from Augustine to Oprah
RELST-UA 561  Offered every other year.
Pellegrini. 4 points.
Different uses and forms “the confession” has taken in Western culture and its evolution from a specifically religious practice into a genre of self-fashioning in a putatively secular modernity. Includes the written word, TV, film, and the internet. Explores the differences and similarities between these confessional modes, their cultural locations, their historical moments, and their ideological effects.

The History of Religions of Africa
RELST-UA 566  Identical to HIST-UA 566, SCA-UA 790. 4 points.
See description under history.

Early Christian Theology
RELST-UA 570  Topics vary. Offered every other year. Becker. 4 points.
Students examine such classics of early Christian thought as Augustine’s City of God, or focus on one of various significant theological issues, such as incarnational theology or the problem of wealth and poverty.

The Land of Israel through the Ages
RELST-UA 609  Identical to HBRJD-UA 141, HIST-UA 540, MEIS-UA 609.
Schiffman. 4 points.
See description under Hebrew and Judaic studies.

Jews in the Islamic World in the Modern Period
RELST-UA 610  Identical to HBRJD-UA 114, MEIS-UA 616. 4 points.
See description under Hebrew and Judaic studies.

Jews and Christians in the Ancient World
RELST-UA 611  Identical to CLASS-UA 611, HBRJD-UA 128. Offered periodically. Becker. 4 points.
The early history of Judaism and Christianity. Explores self-definition and typology in the formulation of religious categories and the use of these categories in examining religious and other social phenomena. Questions the relationship of ideology and literary evidence to social reality.

Religion, State, and Politics
RELST-UA 613  Offered periodically. 4 points.
A comparative and theoretical approach to the debate on secularism. Emergence, development, and close empirical analysis of the secularization paradigm. Different examples of state-religion relationships in historical and religious-cultural context. Considers the scope and limits of secularization theory and current debates on religion.

Gods and Profits: Religion and Capitalism
RELST-UA 636  Identical to ANTH-UA 636. Offered every other year. De Vries, Oliphant. 4 points.
Explores the enchanted production and reproduction of capitalism and the effects of capitalism on ever-transforming religious practices. Through a combination of classical and contemporary approaches in political economy, religious studies, and anthropology, we address what makes capitalism a unique mode of exchange and explore examples of the spirits that haunt the market’s invisible hand, as well as those that resist its powerful reach.

Religion, Art, and the City
RELST-UA 637  Identical to ANTH-UA 637. Offered every other year. Oliphant. 4 points.
Explores New York City through lenses that have long been essential to its rich diversity and historical complexity: its religion, its art, and moments when the two have intersected. Topics: what is meant by “art” and “religion”? What are the intersections of the two? How do museums lead us to view both religion and art in particular ways? How do religious and artistic practices creative alternative spaces in the city?

After Religion? Rethinking Our Secular Age
RELST-UA 638  Identical to ANTH-UA 352. Offered every other year. Oliphant. 4 points.
Explores different forms of the secular found around the world and over time and questions the power of the universal tale of modernization that sits at the foundation of the “secularization thesis.” Explores what it means to live in a “secular age”—a framework which, although often invisible or implicit, establishes and limits much of what we experience, expect, and encounter in our daily lives.

Religious Bodies
RELST-UA 642  Identical to ANTH-UA 29. Offered periodically. Zito. 4 points.
The body as medium both for ritual and religious experience; the body as locus for virtue and sin; the split between mind and body. Examines the body in various situations—gendered, sexualized, covered, naked, suffering, disabled, altered, missing—and interrogates notions of representations and ideals, from the religious ban on representing the human body to divine anthropomorphism.

Religion and Media
RELST-UA 645  Recommended prerequisite: prior course work in religious studies, anthropology, or media studies. Offered periodically. Zito. 4 points.
How human hearing, vision, and the performing body have been used histor-
ically to express and maintain religious life through music, voice, images, words, and rituals. Attention to more recent electronic media such as radio, film, television, video, and the Internet. Approaches religion from anthropological and historical perspectives.

**Religion, Sexuality, and Public Life**
RELST-UA 646  Offered periodically. Pellegri n. 4 points.
The U.S. was founded on the promise of religious freedom, yet laws and policies regulating sexual life draw on specifically religious notions of “good” versus “bad” sex, what bodies are “for,” and what kinds of human relationships are valuable. Considers this apparent contradiction and the implications, for both sexual and religious freedom, of treating sexual life as a special case.

**Monsters and Their Humans**
RELST-UA 649  Identical to ANTH-UA 649. Offered every other year. Zito. 4 points.
Humanity has a long list of monstrously imagined transformations of ourselves, including vampires, zombies, werewolves, trolls, and bad faeries. Places our investigations of these alter-egos in the contexts of 1. historical imaginings of the divine, 2. ethnography, and 3. our intimate problems of managing sex, gender, race, and class.

**Topics**
RELST-UA 650  4 points.
Topics vary and have included Christianity and culture, religion and violence, and postcolonialism.

**Martyrdom, Ancient and Modern**
RELST-UA 660  Identical to CLASS-UA 646. Offered periodically. Becker. 4 points.
 Begins with a close study of the development of the martyrlogical discourse in classical, early Christian, early Jewish, and Muslim literature and culture. Traces how the concept of martyrdom is deployed in modern culture: “martyrdom operations” (“suicide bombers”), political martyrdom, and modern notions of holy war.

**Perspectives on Islam**
RELST-UA 665  Identical to MEIS-UA 665. Katz. 4 points.
See description under Middle Eastern and Islamic studies.

**History of Judaism: The Classical Period**
RELST-UA 680  Identical to HBRJD-UA 100, MEIS-UA 680. Rubenstein, Schiffman. 4 points.
See description under Hebrew and Judaic studies.

**Judaism: From Medieval to Modern Times**
RELST-UA 683  Identical to HBRJD-UA 111, HIST-UA 98, MEIS-UA 680. 4 points.
See description under Hebrew and Judaic studies.

**Ancient Egyptian Mythology and Religion**
RELST-UA 719  Formerly Introduction to Egyptian Religion. Identical to HBRJD-UA 150. Roth. 4 points.
See description under Hebrew and Judaic Studies.

**The Civilizations and Religions of the Ancient Near East**
RELST-UA 790  Identical to MEIS-UA 790. 4 points.
See description under Middle Eastern and Islamic studies.

**The Dead Sea Scrolls**
RELST-UA 807  Identical to HBRJD-UA 131. Schiffman. 4 points.
See description under Hebrew and Judaic studies.

**Modern Perspectives on the Bible**
RELST-UA 809  Identical to HBRJD-UA 126, MEIS-UA 809. 4 points.
See description under Hebrew and Judaic studies.

**Gender and Judaism**
RELST-UA 815  Identical to HBRJD-UA 718, SCA-UA 732. 4 points.
See description under Hebrew and Judaic studies.

**Anthropology of Religion**
RELST-UA 829  Identical to ANTH-UA 30. 4 points.
See description under anthropology.

**Introduction to Buddhism**
RELST-UA 832  Identical to EAST-UA 832.
Offered every year. McGrath. 4 points.
An introduction to this complex religion, emphasizing its history, teachings, and practices. Discusses its doctrinal development in India, then emphasizes certain local practices such as Buddhism and the family in China; Buddhism, language, and hierarchy in Japan; the politics of Buddhist Tibet; Buddhist art; and Buddhism in the United States.

**Tibetan Buddhism**
RELST-UA 835  Identical to EAST-UA 833.
Offered every year. McGrath. 4 points.
Begins with the principles of the tradition, then moves from the 7th-century arrival of Buddhism in Tibet to the present-day encounter with Western devotees of exiled Tibetan lamas. Topics include doctrinal innovation, ritual, myth, art, sacred geography, revelation, and the role of Buddhism in Tibet’s relationship with its neighbors.

**Engaging Early Christian Theology**
RELST-UA 840  Identical to CLASS-UA 856, MEDI-UA 840. Offered periodically. Becker. 4 points.
Offers an introduction to the major
issues in Christian theology in Christianity’s formative period (from New Testament times into the Middle Ages). Topics addressed include incarnational theology, the sacraments, the problem of evil, biblical interpretation, and Christianity’s imagined relationship to Judaism.

**Virgins, Martyrs, Monks, and Saints: Early Christianity**

RELST-UA 846  Identical to CLASS-UA 846. Offered periodically. Becker. 4 points. What was it about Christianity that made it so popular in the ancient world? Focuses on early Christian literature, such as saints’ lives, works of monastic spirituality, and mystical texts. Topics include the Christian reception of Greco-Roman antiquity, the origins of antisemitism, gender and sexuality in the early church, and the emergence of Christian theology.

**Internship and Independent Study**

**Internship**

RELST-UA 980, 981  Prerequisite: permission of the instructor. 1 to 4 points per term.

**Independent Study**

RELST-UA 997, 998  Prerequisite: permission of the instructor. 1 to 4 points per term.
MAJOR IN

Romance Languages

OVERVIEW

The Romance languages are the group of related tongues that emerged from spoken Latin after the fall of the Roman Empire in the fifth century. In the High Middle Ages and the Renaissance, they developed and evolved into languages that we recognize as the basis of (among others) modern Italian, French, Spanish, and Portuguese. The great works of literature produced in these centuries became the foundation of the national literatures of their respective cultures.

The nine-course major in Romance languages in the College of Arts and Science is administered by the Departments of Italian, French, and Spanish and Portuguese. Students choose a combination of any two of these four languages, taking five courses in one and four in the other. Thus, majors in Romance languages are able to take advantage of the rich course offerings and resources of our world-renowned language departments and to learn from distinguished scholars in two fields.

PROGRAM

Overview of the Major

The Romance languages major requires a total of nine 4-point courses (36 points) distributed between two languages, with five courses (20 points) taken in the primary language and four courses (16 points) taken in the secondary language. The combinations of primary-secondary languages are:

- French-Italian
- French-Spanish
- French-Portuguese
- Italian-French
- Italian-Spanish
- Italian-Portuguese
- Spanish-French
- Spanish-Italian
- Spanish-Portuguese
- Portuguese-French
- Portuguese-Italian
- Portuguese-Spanish

as.nyu.edu/french
as.nyu.edu/italian
as.nyu.edu/spanish
13-19 University Place
New York, NY 10003-4573
(French; Spanish and Portuguese)

24 West 12th Street
New York, NY 10011
(Italian)

Directors of Undergraduate Studies
Associate Professor Torres-Rodríguez
(Spanish and Portuguese)

Directors of Undergraduate Studies and of Language Programs
Clinical Professor Cipani (Italian)
Clinical Professor Moran (French)

Associate Director of Undergraduate Studies
Clinical Professor Dávila
(Spanish and Portuguese)

Assistant Director of Undergraduate Studies
Clinical Assistant Professor Rizy (French)

Director of Spanish Language Program
Clinical Professor Elorrieta
For declaration of and advisement in the major, students must visit the departments of both languages they intend to study. They must indicate to both departments which language is primary and which is secondary. Advisement for course sequencing takes place in the relevant departments.

Students must earn a C or better in all courses for the major. Courses graded Pass/Fail cannot be counted toward the major. Below are listed the requirements for each of the four languages available in this major.

**French as Primary Language**

Five required courses (20 points):
- Written Contemporary French (FREN-UA 105)
- One of the following:
  - Spoken Contemporary French (FREN-UA 101)
  - Advanced French Conversation (FREN-UA 102)
  - French Phonetics (FREN-UA 103)
  - French Translation (FREN-UA 107)
  - French: Advanced Techniques of Translation (FREN-UA 108)
  - Acting French (FREN-UA 109)
  - Business French (FREN-UA 110)
  - Creative Writing in French (FREN-UA 111)
  - French for International Relations (FREN-UA 113; formerly FREN-UA 112)
- One of the following:
  - Approaches to French Language (FREN-UA 115)
  - Approaches to French Literature (FREN-UA 140)
  - Approaches to French and Francophone Performing Arts (FREN-UA 143)
  - Approaches to Francophone Literature (FREN-UA 145)
  - Approaches to French History (FREN-UA 163)
  - Contemporary France (FREN-UA 164)

- Two advanced courses in French literature and/or culture, selected in consultation with the director of undergraduate studies in the Department of French.

For French as the secondary language, subtract one of the two advanced courses.

**Italian as Primary Language**

Five required courses (20 points):
- Advanced Review of Modern Italian (ITAL-UA 30)
- One of the following:
  - Conversations in Italian (ITAL-UA 101)
  - Italian through Cinema (ITAL-UA 107)
  - Italian through Opera (ITAL-UA 108)
- One of the following:
  - Creative Writing in Italian (ITAL-UA 103)
  - Translingual Writing in Italian (ITAL-UA 104)
  - Advanced Composition (ITAL-UA 105)
  - Translation (ITAL-UA 110)
• One of the following:
  ○ Readings in Medieval and Renaissance Literature (ITAL-UA 115)
  ○ Readings in Modern Italian Literature (ITAL-UA 116)

• One advanced course in Italian literature or Italian culture and society, selected in consultation
  with the director of undergraduate studies in the Department of Italian Studies.

For Italian as the secondary language, subtract the one advanced course.

**Portuguese as Primary Language**

Requires five courses (20 points) beyond the level of Intermediate Portuguese II (PORT-UA 4),
including courses taken in English with writing assignments completed in Portuguese, approved
by the director of undergraduate studies in the Department of Spanish and Portuguese.

For Portuguese as the secondary language, students take a total of four upper-level electives.

**Spanish as Primary Language**

Five required courses (20 points):

• The prerequisite for entering the major is either Advanced Spanish (SPAN-UA 50; formerly
  Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking
  Students (SPAN-UA 51, formerly 111). Note that neither course counts toward the major.
• Students must take at least one SPAN-UA 3## course conducted in Spanish (this replaces the
  discontinued requirement of Critical Approaches to Textual and Cultural Analysis, SPAN-UA 200).
  This SPAN-UA 3## course cannot double-count toward the next requirement.
• Students must take four additional advanced Spanish courses, chosen in consultation with the
  director of undergraduate studies in the Department of Spanish and Portuguese. These are often
  at the SPAN-UA 3## level.
  ○ One and only one of these additional four courses may be an advanced language elective
    (creative writing, conversation, or translation), chosen from the following: Advanced Spanish
    Conversation (SPAN-UA 60), Advanced Spanish Conversation for the Medical Professions
    (SPAN-UA 61), Techniques of Translation (SPAN-UA 110), Literary Translation (SPAN-UA 111),
    Introduction to Creative Writing in Spanish (SPAN-UA 120), Advanced Fiction and Nonfiction
    Workshop in Spanish (SPAN-UA 122), or Advanced Poetry Workshop in Spanish (SPAN-UA 124).

For Spanish as the secondary language, students must still take at least one SPAN-UA 3## course
conducted in Spanish, but will subtract one of the additional advanced Spanish courses.

**Honors in Romance Languages**

To be eligible, a student must spend a minimum of three full semesters in residence at the College
of Arts and Science (attendance at NYU Buenos Aires, Florence, Madrid, or Paris counts toward
this residence). The student must maintain a cumulative and major GPA of at least 3.65. A Romance
languages major who meets these requirements and wishes to pursue a senior honors project
should apply to the director of undergraduate studies in the language department of the intended
faculty adviser.
COURSES

For course descriptions and prerequisites, please see under French, Italian, and Spanish and Portuguese in this Bulletin.
DEPARTMENT OF
Russian and Slavic Studies

as.nyu.edu/russianslavic
19 University Place, Room 204
New York, NY 10003-4573
212-998-8670

Chair of the Department
Professor Lounsbery
Director of Undergraduate Studies
Assistant Professor Djagalov

Language Coordinator
Senior Language Lecturer Belodedova

OVERVIEW

Through a broad range of courses in Russian and Czech literature, language, history, film, and culture, the department aims to give students a thorough understanding of part of the Slavic world. Whether in popular lecture courses treating the Russian classics in translation, surveys of modern East European history and politics, or small seminars devoted to the close study of texts and primary sources in the original languages, faculty members are committed to conveying to students the vibrancy of these cultures, which have been and continue to be central to the development of modern Europe.

Students are encouraged to work at internships with charitable and business organizations that have connections with Russia. New York City has the largest Russian community in the United States; it offers varied cultural activities, Russian newspapers, and bookstores. The New York Public Library is an outstanding repository of Russian and Slavic materials.

FACULTY

Professors Emeriti
Burbank, Douglas

Collegiate Professor;
Professor of Russian and Slavic Studies
Borenstein

Professors
Groys, Iampolski, Kotsonis, Lounsbery

Associate Professor
Kliger

Assistant Professors
Djagalov, O’Donnell, Vinokour

Senior Language Lecturer
Belodedova

Clinical Associate Professors
Korsounskaya, Mendelevich

PROGRAM

Major

The prerequisite for declaring the major is proficiency in Russian or Czech at or above the Intermediate II level. Students with proficiency in Czech at or above the Intermediate II level must also have proficiency in Russian at or above the Elementary II level. Students who are not Russian heritage speakers and have proficiency above Intermediate II must take at least one Advanced Russian or Advanced Czech course. Heritage speakers with proficiency above Intermediate II must consult with the director of undergraduate studies when declaring the major.

The major in Russian and Slavic studies comprises nine 4-point courses (36 points) completed with a C or better, as follows:
• At least five courses (20 points) must be chosen from the department’s offerings on culture,
literature, or language above the level of Intermediate Russian or Czech II or Russian Grammar and Composition II.

- Of the remaining four courses (16 points), some or all may be satisfied (with departmental permission) with courses pertaining to Russian and Slavic studies in other departments and programs.

No course toward the major may be double-counted toward a major in any other department.

The College Core Curriculum’s Cultures and Contexts course on Russia (when offered) can count toward the major with permission from the director of undergraduate studies. Other Core courses taught by faculty in the Department of Russian and Slavic Studies may be accepted, under certain conditions, toward the undergraduate major or minor. Consult the director of undergraduate studies.

Majors can take up to two graduate courses offered by the department with permission from both the director of undergraduate studies and the course instructor.

All Russian majors are strongly encouraged to spend a semester or summer in Russia.

Students with an overall GPA of 3.65 or above and a departmental GPA of 3.65 or above are urged to participate in the departmental honors program. (See “honors program” below.)

**Minor**

The prerequisite for declaring the minor in Russian and Slavic studies is proficiency in Russian or Czech above the Elementary II level. The minor comprises four 4-point courses (16 points) completed with a C or better; Russian Grammar and Composition I and II, and Elementary and Intermediate Russian I and II, do not count toward the minor.

At least 8 points out of the required 16 must be earned by taking courses offered by the Department of Russian and Slavic Studies on culture, literature, or language above the level of Intermediate Russian II or Russian Grammar and Composition II. Up to two courses on topics pertaining to Russian and Slavic studies can be taken in other departments and programs, with departmental permission.

The College Core Curriculum’s Cultures and Contexts course on Russia (when offered) can count toward the Russian and Slavic studies minor with permission from the director of undergraduate studies. Independent study is not open to minors.

The completed minor cannot exempt students from the Core’s Expressive Culture requirement if it contains one or more language courses; it must be composed entirely of content-based courses to satisfy this Core requirement.

**Major and Minor Policies Applying to Transfer Students**

**Major:** To obtain a major in Russian and Slavic studies from NYU, a transfer student must take at least five courses (20 points) in language, literature, or culture in the NYU Department of Russian and Slavic Studies. After consultation with the department, transfer credits in these areas may be used to satisfy some or all of the remaining four courses (16 points) needed to complete this nine-course (36-point) major.

**Minor:** To obtain a minor in Russian and Slavic studies from NYU, a transfer student must take at least two courses (8 points) in language, literature, or culture in the NYU Department of Russian and Slavic Studies. After consultation with the department, transfer credits in these areas may be
used to satisfy some or all of the remaining two courses (8 points) needed to complete this four-course (16-point) minor.

**Registration:** After transfer credits have been approved by NYU admissions, students should bring their transcripts to the director of undergraduate studies to arrange a program of study.

**Independent Study and Internships**

Credit for Independent Study (RUSSN-UA 997, 998) is available for Russian and Slavic studies majors only, up to a maximum of 8 points. Credit for Internships (RUSSN-UA 980) is also available for majors only, up to a maximum of 4 points. Consult the director of undergraduate studies for additional requirements.

**Undergraduate Registration for Graduate Courses**

Only Russian and Slavic studies majors will be admitted to graduate courses in the department. A maximum of two graduate courses (8 points)—not taken in the same semester—may be counted toward the major.

**Honors Program**

Students wishing to pursue honors in the major must maintain at least a 3.65 average in all Russian and Slavic studies courses and a 3.65 average overall. Applications for admission to the program should be made to the chair of the department prior to the second semester of the junior year. An honors student must either write a 5,000-word thesis or take four additional courses (16 points) related to the major and selected in consultation with the adviser. A departmental honors committee determines, based on the student’s academic work, whether or not to recommend him or her for an honors degree.

**Combined B.A./M.A. Program**

The Department of Russian and Slavic Studies offers a five-year track leading to both a B.A. and an M.A. For more information, please contact the director of graduate studies.

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**COURSES**

**Elementary and Intermediate Language Courses**

All courses from RUSSN-UA 1 through RUSSN-UA 4 meet three times a week. All lower-division Russian language courses are closed to native speakers except Russian Grammar and Composition I and II (RUSSN-UA 5, 6).

**Elementary Russian I**

RUSSN-UA 1  Offered in the fall. 4 points.

Intended to give beginners a speaking and reading knowledge of the Russian language. Introduces the essentials of Russian grammar and the reading of graded texts, with special emphasis on the acquisition of an idiomatic conversational vocabulary.

**Intermediate Russian I**

RUSSN-UA 3  Prerequisite: Elementary Russian II (RUSSN-UA 2) or equivalent. Offered in the fall. 4 points.

Grammar review, vocabulary building, and drills in spoken Russian.

**Elementary Russian II**

RUSSN-UA 2  Prerequisite: Elementary Russian I (RUSSN-UA 1) or equivalent. Offered in the spring. 4 points.

Continuation of beginner-level work.

**Intermediate Russian II**

RUSSN-UA 4  Prerequisite: Intermediate Russian I (RUSSN-UA 3) or equivalent. Offered in the spring. 4 points.

Vocabulary building, idiomatic expressions, and drills in spoken Russian. Completion of this course satisfies the
CAS foreign language requirement.

Russian Grammar and Composition I
RUSSN-UA 5  Prerequisite: basic competence in spoken Russian. Offered in the fall. 4 points.
Designed for students who speak some Russian at home but have virtually no reading and writing skills. Does not satisfy the College Core Curriculum language requirement.

Russian Grammar and Composition II
RUSSN-UA 6  Prerequisite: Russian Grammar and Composition I (RUSSN-UA 5) or basic competence in reading and writing Russian. Offered in the spring. 4 points.
Completion of this course satisfies the CAS foreign language requirement.

Elementary Czech I and II
RUSSN-UA 201, 202  Offered in the fall and spring respectively. 4 points per term.

Advanced Courses (Russian)

The department’s topical courses in Advanced Russian (RUSSN-UA 107-109) are all repeatable for credit. The following topics are offered on a rotating basis (consult the current schedule of classes):

- Russian film (viewing and discussion of Russian and Soviet films)
- Russian press (reading and discussion of newspaper and magazine articles)
- Readings in Russian literature (reading and discussion of short stories by Russian and Soviet writers)
- Soviet and Russian theatre (reading, viewing, and analysis of Russian dramatic works, with background readings on Russian theatre)
- Social issues in Russian culture (reading and discussion of articles on important social and cultural topics)

Advanced Russian I
RUSSN-UA 107  Prerequisite: Intermediate Russian II (RUSSN-UA 4) or Russian Grammar and Composition II (RUSSN-UA 6), or equivalent, or permission from the Language Coordinator. Offered in the fall. 4 points.

Advanced Russian II
RUSSN-UA 108  Prerequisite: Intermediate Russian II (RUSSN-UA 4) or Russian Grammar and Composition II (RUSSN-UA 6), or equivalent, or permission from the Language Coordinator. Offered in the spring. 4 points.

Advanced Russian III
RUSSN-UA 109  Prerequisite: Intermediate Russian II (RUSSN-UA 4) or Russian Grammar and Composition II (RUSSN-UA 6), or equivalent, or permission from the Language Coordinator. Offered in the fall. 4 points.

Literature and Civilization Courses

All courses are conducted in English unless otherwise noted.

Introduction to Russian Literature I
RUSSN-UA 811  Offered regularly. 4 points.
A survey of Russian literature of the 19th century. All works are read in translation.

Introduction to Russian Literature II
RUSSN-UA 812  Offered regularly. 4 points.
A survey of Russian literature of the 20th through the 21st century. All works are read in translation.

Gogol
RUSSN-UA 828  Offered periodically. 4 points.
A critical examination of the writer’s short stories, plays, and unfinished novel Dead Souls.

Contemporary Central and East European Literature
RUSSN-UA 832  Offered periodically. Borenstein. 4 points.
Novels and short stories from Poland, the former Czechoslovakia, the former Yugoslavia, Albania, and Hungary, primarily from the last 50 years. Authors read (in translation) include Kafka, Kundera, Hrabal, Kosinski, Schulz, Gombrowicz, Kristof, Kadare, Kiš, Pavic, and Ugrešić.

Utopia, Apocalypse, and the Millennium
RUSSN-UA 833  Offered periodically. Borenstein. 4 points.
The development of utopianism in literature, philosophy, and political theory, and attempts to put utopian theory into action. The positing of perfect worlds and their relationship to our less-than-perfect reality, anti-utopianism, and the recent resurgence of utopianism and apocalypticism. Readings from Plato, More, Bellamy, Dostoevsyrv, Marx, Zamyatin, Orwell, Huxley, LeGuin, and Revelation.

Chekhov
RUSSN-UA 837  Offered periodically. 4 points.
Major techniques in his short stories, his influence on the development of the Russian and European novella, and close analysis of his drama (Three Sisters, The Cherry Orchard, and Uncle Vanya) and its impact on Russian playwrights and theatre in the 20th century.

Dostoevsky
RUSSN-UA 839  Offered periodically. 4 points.
Dostoevsky’s major philosophical and religious concerns as reflected in his works. Notes from the Underground, Crime and Punishment, The Idiot, The Brothers Karamazov, and major short stories. Examines his concepts of freedom, history, and Christianity.

Theory of the Avant-Garde, East and West, 1890–1930
RUSSN-UA 841 Identical to COLIT-UA 841, ENGL-UA 730. Offered periodically. 4 points.
Topics include cubism, Italian futurism, Russian cubo-futurism, imagism and vorticism, Dadaism, constructivism, and surrealism. Stresses aesthetic, historical, and political interconnections between the Russian avant-garde and the West. Readings are in English, but comparative literature majors are encouraged to read works in the original language.

Russian Literature in the Original I
RUSSN-UA 847 Prerequisite: at least one semester of Advanced Russian or narrative fluency in Russian. Offered every year. 4 points.
Prose and poetry. Class discussions and papers are also in Russian.

Russian Literature in the Original II
RUSSN-UA 848 Prerequisite: at least one semester of Advanced Russian or narrative fluency in Russian. Offered every year. 4 points.
Prose and poetry. Class discussions and papers are also in Russian.

Introduction to Soviet Cinema
RUSSN-UA 850 Offered every year. Iampolski. 4 points.
Examines landmarks of cinematic art and considers the cultural specificity of Russian cinema, questions of cinema and politics, and cinema and the market. Topics include cinema and revolution, cinema as propaganda, the cinema of the Russian avant-garde and constructivism, cinema and totalitarianism, and socialist realism in film.

Soviet and Post-Soviet Literature
RUSSN-UA 852 Offered periodically. Djagalov. 4 points.
An introduction to Russian 20th-century fiction, concentrating on the two periods of greatest cultural ferment: 1920s modernism and late/post-Soviet postmodernism. How literature reflected the failed attempt to put radical Bolshevist theory into everyday practice.

Legacies of Serfdom and Slavery in Russian and American Literature
RUSSN-UA 854 Offered periodically. Lounsbery. 4 points.
How American slaves and Russian serfs wrote and were written about in the two countries’ literary traditions. Considers the attempts of subjugated people to represent themselves to the dominant culture and the difficulties that members of the dominant culture confronted in writing about people whose experiences were largely inaccessible to them.

Neoliberalism, Authoritarianism, and Protest: Russian Culture from Perestroika to Putin
RUSSN-UA 855 Prerequisite: none. Seminar. Offered every other fall and spring. Borenstein, Djagalov, Vinokour. 4 points.
Main cultural trends in Russia and the former Soviet Union since the mid-1980s, drawing on a variety of forms (novels, short stories, poetry, films, performance art, and the internet) produced from a variety of positions (nationalist, postmodern, liberal, leftist). Considers the contexts of political history and also transformations in publishing and filmmaking, criticism and cultural consumption, and changing interrelationships between art, capital, and the state over the last 30+ years.

Radical Russia
RUSSN-UA 857 Prerequisite: none. Seminar. Offered every other fall and spring. Djagalov. 4 points.
Focuses on figures radically opposed to the existing status quo—and willing to sacrifice their well-being and life by challenging it. Ranges from the Old Believers through Cossacks, Decembrists, Populists, Anarchists, Socialists, Soviet-era Dissidents, contemporary liberals, performance artists, and leftists of different stripes. Students study key thinkers—Herzen and Chernyshevsky, Bakunin and Lenin, Tolstoy and Kollontai—and the echoes of their tradition in the Putin era.

Twentieth Century Russia: Terror, Survival, and Beautiful Dreams
RUSSN-UA 859 Offered periodically. 4 points.
Encompasses the last years of the tsars and the Russian Revolution and utilizes film, literature, visual art, and music. Topics: Lenin and communism; Stalinism; the Second World War; the end of Communism and the transition to capitalism. Considers how a fundamentally humanistic ideology produced one of the most murderous and oppressive regimes of the century and how an international movement became increasingly chauvinistic and nationalistic.

Theories of Symbolic Exchange
RUSSN-UA 860 Offered periodically. 4 points.
Marcel Mauss developed a concept of an alternative, non-market type of economy, based on a nonmonetary exchange of such symbolic values as social recognition, sovereignty, and political participation. Today, this concept has acquired a new relevance in relation to the economy of the Internet. Examines various theories of the symbolic that expand the original Maussian
model and encompass multiple aspects of culture.

**Russia and the West**
RUSSN-UA 861 *Offered periodically.* 4 points.
Explores the question of the West in Russian history and culture since the 17th century. Studies the intellectual products of Russian interactions with the West—constitutional projects, scientific and economic thought, the Westernizer-Slavophile controversy, and revolutions. Emphasizes the role of reading and translation in the making of cultural models. Concludes with Russian emigration to Europe and the United States.

**Tolstoy’s War and Peace**
RUSSN-UA 862 *Offered periodically.* 4 points.
Examines how the text works and the techniques it uses. Also considers the book’s historical context; the sources Tolstoy drew on; its place in his oeuvre and thought; its place in the Russian tradition and in “world” literature; and the various uses (including political and ideological) that have been made of it since its initial publication.

**The Unquiet Dead: Imagining the Afterlife in Film and Fiction**
RUSSN-UA 870 *Offered periodically.* 4 points.
Literary and cinematic treatments of vampires, ghosts, zombies, and posthumous narrators. Considers the political and ideological deployment of afterlife narratives, investigating questions of cultural and sexual purity, collective guilt, and socioeconomic anxiety. Engages both the folklore and fiction of the Slavic world and contemporary American reinterpretations.

**Nineteenth Century Realism: The Case of Russia**
RUSSN-UA 871 *Offered periodically.* 4 points.
Examines competing literary representations of urban and rural spaces in Russian realism as a platform for exploring the era’s major cultural and ideological debates. Writers developed widely divergent ideas of Russia and Russian-ness, from peasant misery and urban squalor to hopeful views of civilized and forward-thinking cities. Readings from Gogol, Turgenev, Dostoevsky, and Tolstoy, and works of music and visual art.

**Internship and Independent Study Courses**

**Internship**
RUSSN-UA 980 *1 to 6 points per term.*
Native speakers of Russian may work with Russian language students and assist language instructors. A maximum of 4 points of internship may be counted toward the major (not toward the minor). Consult the director of undergraduate studies for further details. Internship credit in other settings and organizations requires a description of duties and approval of the director of undergraduate studies, as well as a final paper.

**Independent Study**
RUSSN-UA 997, 998 *2 to 4 points per term.*
A maximum of 8 points of independent study may be counted toward the major (not toward the minor). Before registering, students must submit a one-page typed description of the proposed project to the director of undergraduate studies and the proposed faculty sponsor.
MINOR IN
Science and Society

nyu.edu/cross-school-minors
726 Broadway, 7th floor, New York, NY 10003
212-998-8160

Director
Professor Appuhn, Faculty of Arts and Science
Steering Committee
Professor Appuhn, Faculty of Arts and Science
Professor Bain, Tandon

Assistant Professor d'Avignon,
Faculty of Arts and Science
Professor Geroulanos, Faculty of Arts and Science
Associate Professor Mills, Steinhardt

OVERVIEW
Science and society is a rich, inherently cross-disciplinary minor, drawing on the course offerings and faculty expertise of the College of Arts and Science, the Gallatin School of Individualized Study, the Steinhardt School of Culture, Education, and Human Development, and the NYU Tandon School of Engineering. The minor analyzes how the techniques and methodologies of the humanities and social sciences can be used to illuminate both the context and content of science, technology, and medicine. Drawing upon history, philosophy, anthropology, and sociology, students investigate how culture and society frame—and, indeed, are themselves framed by—science, technology, and medicine.

The current influence of scientific, technological, and medical issues on our lives is unprecedented, altering our notions of race, health, responsibility, ownership, ethics, aesthetics, and self. We are therefore obliged to understand these critical interactions with a view to understand, and intervene in, the world. The types of questions this minor poses include: How has gene patenting affected both the content and conduct of molecular biology, as well as intellectual property law? What is the relationship between the mathematical descriptions that physicists employ and the nature of physical phenomena? What are the ethical and political issues involved in human embryonic stem cell research? How do machines shape aesthetics? What, if anything, is the difference between a machine and a human? How does nature have a history?

This minor serves as an enlightening complement to pre-health studies, pre-law studies relevant to intellectual property, biotechnology, and environmental and healthcare studies. It also provides a potent training to those interested in pursuing advanced degrees in the history, philosophy, sociology, or anthropology of science, technology, or medicine.

PROGRAM
Minor
The minor in science and society requires four 4-point courses (16 points) completed with a grade of C or better (Pass/Fail does not count). All students must take the core course, Introduction to Science and Society (HIST-UA 66), and then choose three other courses from an approved list posted on the minor website.

Many courses in the minor fall into one of the following four clusters: technology, physics, biology/pre-health, and environmental sciences. Students are strongly encouraged, however,
to be creative and challenge themselves to think in ways other than those that are strictly categorical. For example, a student interested in understanding the difference between the natural and the artificial might take the following three elective courses in addition to the required Introduction to Science and Society course: Philosophy of Biology; Humans, Machines, and Aesthetics; and Nature and Technology in Modern America.

Students are strongly encouraged to take courses in the various NYU schools contributing to the minor. This will expose them to a plethora of diverse pedagogical experiences and greatly enhance co-learning. All CAS students may apply 16 points taken in the other schools of NYU toward their degree. Students seeking to raise this limit so as to accommodate the course work of the minor in science and society must consult with the College of Arts and Science Advising Center, 726 Broadway, 7th floor; 212-998-8130. Note that, with the exception of the Graduate School of Arts and Science, courses taken in the other schools of NYU do not count toward the 64-point residency requirement in CAS (-UA) courses for internal and external transfers to the College.

COURSES

Core Course

**Introduction to Science and Society**

HIST-UA 66 Formerly HIST-UA 94. Required for the minor. Offered in the fall. Appuhn. 4 points.

Provides a background to the plethora of techniques proffered by the humanities and social sciences in studying the history of science, technology, and medicine. Topics include: Christian Aristotelianism, the rise of experimentation and the Scientific Revolution, Enlightenment science, Darwin’s theory of evolution and the church, eugenics in 20th-century America, machines and humans during the 19th and 20th centuries, historical explanations of disease, gene patenting, race and genes, and the history of HIV/AIDS.

Elective Courses

CAS students may apply 16 points taken in the other schools of NYU toward their degree. Students seeking to raise this limit so as to accommodate the course work of the minor in science and society must consult with the College of Arts and Science Advising Center, 726 Broadway, 7th floor; 212-998-8130. Note that, with the exception of the Graduate School of Arts and Science, courses taken in the other schools of NYU do not count toward the 64-point residency requirement in CAS (-UA) courses for internal and external transfers to the College.

For course descriptions and prerequisites, please consult departmental websites and relevant school Bulletins.

**ENVIRONMENTAL STUDIES**

**History of Ecology and Environmentalism**

ENVST-UA 425 4 points.

**Australian Environmental History**

ENVST-UA 9450 4 points.

**HISTORY**

**Environmental History of the Early Modern World**

HIST-UA 115 4 points.

**Premodern Science**

HIST-UA 135 4 points.

**History of Medicine**

HIST-UA 158 4 points.

**History of Western Medicine**

HIST-UA 202 4 points.

**Science, Technology, and the Environment in East Asia**

HIST-UA 275 4 points.

**Seminar in History of Medicine**

HIST-UA 293 4 points.
Topics in History: History of Sexuality and Reproduction
HIST-UA 401  4 points.

Topics in History: Science, Religion, and the Humanities Since Darwin
HIST-UA 443  4 points.

Food and Drugs in Chinese History
HIST-UA 547  4 points.

Topics: Controversies and Debates in Public Health
HIST-UA 569  4 points.

African Ways of Knowing
HIST-UA 572  4 points.

Seminar in History of Science
HIST-UA 750  4 points.

JOURNALISM
Journalism and Society: Covering the Earth
JOUR-UA 503  4 points.

PHILOSOPHY
Minds and Machines
PHIL-UA 5  4 points.

Medical Ethics
PHIL-UA 50  4 points.

Ethics and the Environment
PHIL-UA 53  4 points.

Philosophy of Mind
PHIL-UA 80  4 points.

Philosophy of Science
PHIL-UA 90  4 points.

Philosophy of Biology
PHIL-UA 91  4 points.

SOCIAL AND CULTURAL ANALYSIS
Race and Reproduction
SCA-UA 158  4 points.

SOCILOGY
Sociology of Medicine
SOC-UA 414  4 points.

Topics: Young Adult Health
SOC-UA 935  4 points.

GALLATIN SCHOOL OF INDIVIDUALIZED STUDY
Disease and Civilization
IDSEM-UG 1059  4 points.

The Darwinian Revolution
IDSEM-UG 1156  4 points.

Origins of the Atomic Age
IDSEM-UG 1207  4 points.

The Trial of Galileo
IDSEM-UG 1231  4 points.

Philosophy of Medicine
IDSEM-UG 1294  4 points.

Ecology and Environmental Thought
IDSEM-UG 1298  4 points.

Rethinking Science
IDSEM-UG 1328  4 points.

Foucault: Biopolitics and the Care of the Self
IDSEM-UG 1339  4 points.

Science and Religion
IDSEM-UG 1514  4 points.

Understanding the Universe
IDSEM-UG 1516  4 points.

Biology and Society
IDSEM-UG 1519  4 points.

Lives in Science
IDSEM-UG 1532  4 points.

The Seen and Unseen in Science
IDSEM-UG 1534  4 points.

Science and Theatre
IDSEM-UG 1551  4 points.

History of Environmental Science
IDSEM-UG 1566  4 points.

Humans, Machines, and Aesthetics
IDSEM-UG 1571  4 points.

Energy
IDSEM-UG 1575  4 points.

Nature, Resources, and the Human Condition
IDSEM-UG 1602  4 points.

Science and Culture
IDSEM-UG 1652  4 points.

The Green Dream
IDSEM-UG 1703  4 points.

The Artificial and the Natural
IDSEM-UG 1720  4 points.

Quantification and Social Thought
IDSEM-UG 1760  4 points.

Minds and Bodies: A History of Neuroscience
IDSEM-UG 1801  4 points.

Darwin’s Origin of the Species
IDSEM-UG 1814  2 points.

Genetics and Society
IDSEM-UG 1832  2 points.

Music and Science
IDSEM-UG 1833  2 points.
Magic Bullets and Blockbuster Brands: Drugs, Disease, and Chemistry in the Modern World
IDSEM-UG 1911  4 points.

The Western History of Madness, From the Bible to DSM-V
IDSEM-UG 1961  4 points.

STEINHARDT SCHOOL OF CULTURE, EDUCATION, AND HUMAN DEVELOPMENT
Food and Agriculture in the 20th Century
FOOD-UE 1033  3 points.

Food and Nutrition in a Global Society
FOOD-UE 1180  4 points.

Science in the Community
LIBAR-UE 141  4 points.

Disability, Technology, and Media
MCC-UE 1026  4 points.

Media, Technology, and Society
MCC-UE 1034  4 points.

On the Phone: Telephone and Mobile Communication Technology
MCC-UE 1036  4 points.

Visual Culture of Science and Technology
MCC-UE 1411  4 points.

Food Science and Technology
NUTR-UE 1184  3 points.

Health and Society: Introduction to Public Health
PUHE-UE 70  4 points.

Introduction to Public Health Nutrition
PUHE-UE 1315  4 points.

Environmental Health, Social Movements, and Public Policy
PUHE-UE 1323  4 points.

NYU TANDON SCHOOL OF ENGINEERING
From Heat Engines to Black Holes
HI-UY 2254  4 points.

The History of Light
HI-UY 3244  4 points.

Science and Pseudoscience
PL-UY 2254  4 points.

Space and Spacetime
PL-UY 2274  4 points.

Quantum Mechanics and Information
PL-UY 2294  4 points.

Philosophy of Science
PL-UY 3254  4 points.

Physics, Information, and Computation
PL-UY 3264  4 points.

Relativity and Spacetime
PL-UY 3284  4 points.

Introduction to Science and Technology Studies
STS-UY 1002-A  2 points.

Science, Technology, and Society
STS-UY 2004-A  4 points.

Science and Sexuality
STS-UY 2224  4 points.

Magic, Medicine, and Science
STS-UY 2244  4 points.

History and Philosophy of Internet Technology
STS-UY 2444  4 points.

The Rhetoric of Science
STS-UY 2624  4 points.

Seminar in Science and Technology Studies
STS-UY 3004  4 points.

Science and Difference
STS-UY 3204  4 points.

Hypermedia in Context
STS-UY 3434  4 points.

Science and Technology in the Literary Sphere
STS-UY 3624  4 points.
Self-Designed Honors Major

OVERVIEW

Students in the College of Arts and Science (CAS) can apply to craft and complete a self-designed honors major, rather than one of the existing majors in the College. This major enables a small number of very capable and highly motivated students to pursue a plan of study that brings together courses from more than one CAS department or program. During their sophomore year, students compose their academic plan for the major in consultation with their two faculty advisers for their self-designed program of study as well as with the associate director of interschool programs and the director of college honors, who serves as the director of undergraduate studies. By spring of their second year, the plan of study must be submitted to and approved by the College’s honors committee.

The self-designed honors major differs from the individualized major that the Gallatin School offers in several ways:

• These two NYU schools have distinct admissions criteria, general education curricula, and other requirements.

• This CAS major must be composed entirely of CAS (-UA) or GSAS (-GA) courses, whereas Gallatin students draw heavily on courses from several NYU schools.

• This CAS major is an honors major, which has prerequisites for entry (e.g., 3.75 GPA; students must maintain a 3.65 GPA to remain in the major) and entails a heavy commitment to honors-level work, including independent research under faculty supervision.

First- and second-year students in CAS who are considering the self-designed honors major should contact the Preprofessional Advising Center (726 Broadway, 7th floor; 212-998-8160) to schedule an initial advising appointment with the associate director of interschool programs.
DEPARTMENT OF
Social and Cultural Analysis

The Department of Social and Cultural Analysis (SCA) is interdisciplinary in nature, integrating topics from the humanities with methodologies from the social sciences. SCA houses the programs in Africana studies, American studies, Asian/Pacific/American studies, gender and sexuality studies, Latino studies, and metropolitan studies. Students who major in social and cultural analysis choose courses from these program areas in SCA and create an individualized concentration.

Students have the opportunity to combine cutting-edge scholarship with real world practice. The department’s faculty and students explore the range of relationships between human collectivities on the one hand and institutions and structures of power on the other, taking into account how these relationships are affected by such modern global developments as intensified urbanization, increased transnational exchange, and proliferating diasporic populations.

OVERVIEW

FACULTY

Professors Emeriti
Harper, Molotch, Pratt, Rosaldo, Stacey, Walkowitz

Silver Professors
Dinshaw, Livingston, Sugrue

University Professor
Willis

Professors
Amkpa, Dávila, Duggan, Gopinath, Johnson, Morgan, Parikh, Pellegrini, Ross, Saldaña, Singh, Sugrue, Tu, Zaloom

Associate Professors
Beltrán, Blake, Dent, Ralph, Sandhu, Saranillio

Assistant Professors
Gonick, Lee

Instructor
Hui

PROGRAM

Major
The social and cultural analysis major requires nine 4-point courses (36 points) completed with a grade of C or better.

Two introductory courses—may be taken in either order:
- Social and Cultural Analysis 101 (SCA-UA 101)
- One of the following, linked to the student’s area of focus (CORE-UA classes must be taught by SCA faculty):
  - Cultures and Contexts: Contemporary Latino Cultures (CORE-UA 529)
  - Cultures and Contexts: The Black Atlantic (CORE-UA 534)
  - Cultures and Contexts: Asian/Pacific/American Cultures (CORE-UA 539)
Approaches to American Studies (SCA-UA 201)
Intersections: Race, Gender, and Sexuality in U.S. History (SCA-UA 230)
Approaches to Gender and Sexuality Studies (SCA-UA 401)
Approaches to Metropolitan Studies (SCA-UA 601)

Six elective courses:
- Six designated social and cultural analysis electives, four of which must be taught by SCA faculty.
- SCA Theory and Practice: The Internship Program (SCA-UA 42) is no longer required, but is highly recommended and can count as an elective; one language course can count as an elective if taught by SCA faculty.

One research course:
- Advanced Research Seminar (SCA-UA 90)

Minor

Five 4-point courses (20 points) completed with a grade of C or better are required for the minor in social and cultural analysis. Students must take Social and Cultural Analysis 101 (SCA-UA 101), plus four designated social and cultural analysis electives taught by SCA faculty. One language course can count as an elective if taught by SCA faculty.

Language and Linguistic Competency

The type of rigorous intercultural study promoted within the Department of Social and Cultural Analysis requires students to recognize the complex modes of communication at work both within and across different social groups. The department therefore strongly encourages its students to develop advanced skills in language and linguistics by any of the following means: taking elective courses in sociolinguistics; studying a language other than English beyond the minimum level required by the College of Arts and Science (especially one germane to the department’s fields of study); pursuing community-based internship fieldwork necessitating the development and use of specific language skills; or undertaking study or research abroad in contexts entailing the exercise of key language or linguistic capabilities.

Policy on Double Counting of Courses

Majors may share (double count) two courses with a second major, with permission from the other department/program.

Minors may share (double count) one course with a major or a second minor, with permission from the other department/program.

Honors Program

Majors who have completed 48 points of graded work in CAS and have a 3.65 GPA or higher (both overall and in the major) are encouraged to register for Senior Honors Seminar (SCA-UA 92) in the fall semester of their senior year. Upon successful completion of the seminar requirement, students will be eligible to register for Senior Honors Thesis (SCA-UA 93) in the spring. Information about the honors program can be found at sca.as.nyu.edu/object/sca.related.honors.
COURSES

Introductory Core

Social and Cultural Analysis 101
SCA-UA 101  Offered every year. 4 points.
Introduces theories, methods, and political trajectories central to the Department of Social and Cultural Analysis (SCA). SCA addresses how individuals and populations structure their worlds and navigate the resulting social, cultural, and political terrain. It privileges scholarly work with an intersectional approach, drawing on theoretical insights from such fields as social geography, feminism and queer studies, ethnic studies, urban and metropolitan studies, critical race theory, labor studies, and cultural studies.

For the second introductory course required of SCA majors, consult the list under “program of study” (or the SCA website).

Research Core

Advanced Research Seminar
4 points.
Students write a 20-25 page research paper with a focus on a specific research method. Topics vary by semester; see Albert for details.

Honors Program

Senior Honors Seminar
SCA-UA 92  Prerequisites: 3.65 GPA or higher (both overall and in the major); Social and Cultural Analysis 101 (SCA-UA 101); one of the following: CORE-UA 529, CORE-UA S34, CORE-UA S39, SCA-UA 230, SCA-UA 401, SCA-UA 601; and permission of the department. Offered every fall. 4 points.

Senior Honors Thesis
SCA-UA 93  Prerequisites: Senior Honors Seminar (SCA-UA 92), 3.65 GPA or higher (both overall and in the major), and permission of the department. Offered every spring. 4 points.

SCA Theory and Practice: The Internship Program
The 4-point internship program complements and enhances the formal course work of the SCA major. Students intern at agencies dealing with a range of issues pertaining to their major and take a corequisite seminar that enables them to focus the work experience in meaningful academic terms. The goals of the internship are threefold: (1) to allow students to apply the theory they have gained through course work, (2) to provide students with analytic tools, and (3) to assist students in exploring professional career paths. The internship is open to juniors and seniors and requires an application, an interview, and permission of the director of internships.

Elective Courses

The following courses count as faculty electives for SCA majors and minors.
See the program sections in this Bulletin for course descriptions and prerequisites.

AFRICANA STUDIES
Race, Football, and American Culture
SCA-UA 153  4 points.

The Black Body and the Lens
SCA-UA 155  4 points.

Hip Hop and Politics
SCA-UA 157  4 points.

Race and Reproduction
SCA-UA 158  4 points.

Topics in Africana Studies
SCA-UA 180  4 points.

AMERICAN STUDIES
Justice Lab
SCA-UA 19  2 points.

Work, Labor, and Power
SCA-UA 221  4 points.

Comparative U.S. Ethnic Studies
SCA-UA 224  4 points.

Intersections: Race, Gender, and Sexuality in U.S. History
SCA-UA 230  4 points.

Ethnicity and the Media
SCA-UA 232  Identical to ANTH-UA 232. 4 points.

Cultures and Economies
SCA-UA 234  4 points.
The Criminal Justice State
SCA-UA 235  4 points.

Race and the American Right
SCA-UA 236  2 points.

Social Movements and Alternative Futures
SCA-UA 237  4 points.

Disability and Sexuality in American Culture
SCA-UA 238  4 points.

Couture/Culture: Fashion and Globalization
SCA-UA 253  4 points.

Topics in American Studies
SCA-UA 280  Offered every year. 4 points.

ASIAN/PACIFIC/AMERICAN STUDIES
Asian American Literature
SCA-UA 306  4 points.

History and Literatures of the South Asian Diaspora
SCA-UA 313  Identical to ENGL-UA 721, HIST-UA 326. Offered every year. 4 points.

Filming Asian America: Documenting Community
SCA-UA 361  4 points.

The Constitution and People of Color
SCA-UA 366  Offered every year. 4 points.

Reading Race and Representation
SCA-UA 368  4 points.

Critical Indigenous Theory and Settler Colonialism
SCA-UA 372  4 points.

Food, Land, and Power
SCA-UA 375  4 points.

Topics in A/P/A Studies
SCA-UA 380  Offered every semester. 4 points.

Introduction to Native American and Indigenous Studies: The Politics of Indigeneity
SCA-UA 747  Identical to ANTH-UA 747, HIST-UA 747. 4 points.

GENDER AND SEXUALITY STUDIES
Queer NYC
SCA-UA 421  4 points.

Queer Cultures
SCA-UA 450  4 points.

Gender and Performance
SCA-UA 455  4 points.

Theories of Gender and Sexuality
SCA-UA 472  4 points.

Queer Histories
SCA-UA 475  4 points.

Gender, Globalization, and Politics of KPOP
SCA-UA 476  4 points.

Topics
SCA-UA 481  4 points.

Queer Literature
SCA-UA 482  4 points.

Medieval Misogyny
SCA-UA 488  Prerequisite: one English course, one gender and sexuality studies course, or permission of the instructor. 4 points.

Topics in Gender and Sexuality Studies
SCA-UA 493  Offered every semester. 4 points.

LATINO STUDIES
Latinx Art and Visual Culture
SCA-UA 533  4 points.

Latino/a Popular Culture
SCA-UA 534  4 points.

The Latinized City: Latinas and Latinos in New York City
SCA-540  4 points.

Topics in Latino Studies
SCA-UA 541  Offered every semester. 4 points.

Latino Politics
SCA-UA 542  Offered every fall. 4 points.

Latina Feminist Studies
SCA-UA 548  4 points.

Afro-Latino Culture and History
SCA-UA 565  4 points.

Caribbean Women Writers
SCA-UA 570  4 points.

Postmodern Travel Fictions
SCA-UA 572  4 points.

METROPOLITAN STUDIES
Urban Cultural Life
SCA-UA 608  4 points.

Community Empowerment
SCA-UA 613  4 points.

Race and the Neoliberal Metropolis
SCA-UA 614  4 points.

Subprime Cities
SCA-UA 615  4 points.

New York City in Film
SCA-UA 623  4 points.

Landscapes of Consumption
SCA-UA 625  4 points.
**Language Courses**

One Africana studies or Asian/Pacific/Asian studies language course can count as an elective toward the major if taught by SCA faculty.

**Elementary Swahili I, II**
SCA-UA 121, 122  4 points per term.

**Intermediate Swahili I, II**
SCA-UA 123, 124  4 points per term.

**Elementary Yoruba I, II**
SCA-UA 182, 183  4 points per term.

**Elementary Filipino I, II**
SCA-UA 321, 322  Offered every year.
4 points per term.

**Intermediate Filipino I, II**
SCA-UA 323, 324  Offered every year.
4 points per term.

**Elementary Cantonese I, II**
SCA-UA 331, 332  Offered every year.
4 points per term.

**Intermediate Cantonese I, II**
SCA-UA 333, 334  Offered every year.
The discipline of sociology and the sociology major at NYU examine how our individual lives are embedded in families, groups and social networks, neighborhoods and schools, and organizations and institutions. Sociologists focus on the ways in which our own biographies are influenced and constrained by broader social, political, and economic forces which can be very localized, but are increasingly global in scale.

We study sociology to understand the social world and to create change that will make it a better place. It is a discipline that gives students the tools to think critically about public issues of the day and to analyze many different kinds of evidence about the world that surrounds us. It pushes students to see the world differently, and to look beyond individuals to see the ways in which power, inequality, and social hierarchies operate beneath the surface of everyday life.

### Major in Sociology

The sociology major consists of nine 4-point courses (36 points) completed with a grade of C or better, as follows:

- Introduction to Sociology (SOC-UA 1)
- Sociological Theory (SOC-UA 111)
- Research Methods (SOC-UA 301)
- Statistics for Social Research (SOC-UA 302)
- Senior capstone. One of the following:
  - Research Capstone (SOC-UA 940 or 941); or
  - Senior Honors Research Seminars (SOC-UA 950 and 951). Please see honors program.
• Note that the prerequisite for the senior capstone is Research Methods (SOC-UA 301).

• Four SOC-UA electives. Students may substitute up to two social science courses taken in other departments with the approval of the director of undergraduate studies. The second semester of Senior Honors Research Seminar (SOC-UA 951) counts as an elective for the major.

Policies Applying to the Major

Advanced Placement or other advanced standing credit in statistics does not satisfy the required course Statistics for Social Research (SOC-UA 302). This policy applies to students who matriculate in CAS in and after fall, 2020.

Of the nine courses required for the major, transfer students must take at least five (20 points) in the College of Arts and Science.

Major in Global Public Health/Sociology

This major draws on the Department of Sociology’s strength in theoretical creativity and substantive empirical research on important social issues. Global public health/sociology graduates may go on to a diverse array of careers in law, health, public administration, and social service, as well as further graduate study in sociology, public health, or related disciplines.

Students in this combined major must consult with the DUS or other departmental adviser to work out a course plan, especially as this major requires students to study away for one semester. The following are the fifteen courses (60 points) that must be completed with a grade of C or higher [please note that the post-intermediate language requirement for the major applies only to students who matriculated before fall 2021; if they are granted a waiver or exemption from the requirement, they must take an additional (third) 4-point elective in the major. Students who matriculate in and after fall 2021 have no post-intermediate language requirement for this major, and are all required to take three major electives):

Global public health requirements (six courses/24 points):
• Health and Society in a Global Context (UGPH-GU 10; no prerequisites)
• Biostatistics for Public Health (UGPH-GU 20). This satisfies the College Core Curriculum requirement in Quantitative Reasoning.
• Epidemiology for Global Health (UGPH-GU 30)
• Health Policy in a Global World (UGPH-GU 40)
• Environmental Health in a Global World (UGPH-GU 50)
• Undergraduate Experiential Learning in Global Public Health (UGPH-GU 60)

Note well: UGPH-GU 10 is the prerequisite or corequisite for UGPH-GU 20, 30, 40, and 50. UGPH-GU 30 is an additional (recommended) prerequisite or corequisite for UGPH-GU 40. In addition, UGPH-GU 10, 20, and 30 are firm prerequisites for UGPH-GU 60.

One foreign language course above the intermediate two level (one course/4 points):
• This requirement applies only to students who matriculated before fall 2021; students who matriculate in and after fall 2021 do not take this additional course.
• Students in the former category may petition for a waiver from the requirement, or may use an NYU language placement or language exemption exam to meet this requirement. If they successfully waive or exempt out of the requirement, they must take an additional (third) 4-point major elective (see below) to satisfy the total number of credits required for the major. For more details, consult the archived PDF of the 2020-2022 CAS Bulletin at bulletin.cas.nyu.edu, or discuss with a major adviser.
• Students in the latter category are all required to take a third elective in the major (see below) to replace the discontinued (for them) 4-point post-intermediate language requirement and satisfy the total number of credits required for the major.

Sociology requirements (four courses/16 points):
• Introduction to Sociology (SOC-UA 1)
• Sociological Theory (SOC-UA 111)
• Research Methods (SOC-UA 301)
• Advanced Seminar in Sociology (SOC-UA 934 through 939)

Sociology electives (two courses/8 points), to be chosen from the list below. Electives not listed require the approval of the director of undergraduate studies:
• Sex and Gender (SOC-UA 21)
• Race and Ethnicity (SOC-UA 135)
• Wealth, Power, Status: Inequality in Society (SOC-UA 137)
• Social Policy in Modern Societies (SOC-UA 313)
• Sociology of Medicine (SOC-UA 414)
• The Family (SOC-UA 451)
• Immigration (SOC-UA 452)
• Cities, Communities, and Urban Life (SOC-UA 460)

Major electives (three courses/12 points):
• Three additional electives must be completed in the GPH program or sociology, by advisement.
  For students who matriculate in and after fall 2021, the third elective replaces the discontinued (for them) post-intermediate language requirement in this major.
• Students who matriculated before fall 2021 technically have a major elective requirement of only two courses/8 points; however, if they waive or exempt out of the major’s post-intermediate language requirement, they must take a third major elective for 4 points.

All majors must also study away for one semester.

For the sociology portion of the major, students may substitute up to two social science courses taken in other departments with the approval of the director of undergraduate studies.

For descriptions of GPH (UGPH-GU) courses and for all policies applying to the GPH portion of the major (including those for transfer students), please see the global public health section of this Bulletin.

**Minor**

The sociology minor consists of four 4-point courses (16 points): Introduction to Sociology (SOC-UA 1), plus three other courses in sociology. Students must earn grades of C or better in their minor courses. Of the four courses required for the minor, all students (including transfer students) must take at least three 4-point courses (12 points) in the department.

**Honors Program**

Students with at least a 3.65 GPA both overall and in the major (or who have permission of the director of undergraduate studies) may elect to participate in our honors program.

In the fall of senior year, honors students register for the first term of Senior Honors Research Seminar (SOC-UA 950) to develop and structure their research projects. The faculty member teaching the course assists students in finding faculty thesis advisers. In the spring of senior year, honors students take the second term of Senior Honors Research Seminar (SOC-UA 951) and...
work under the supervision of their selected adviser. The second semester of the Senior Honors Research Seminar (SOC-UA 951) counts as one of the required elective courses for the major.

COURSES

Courses are open to all interested students, and have no prerequisites unless otherwise specified.

Introduction to Sociological Analysis

Introduction to Sociology
SOC-UA 1  Offered every semester. 4 points.
Survey of the field: its basic concepts, theories, and research orientation. Provides the student with insights into the social factors in human life. Topics include social interaction, socialization, culture, social structure, stratification, political power, deviance, social institutions, and social change.

Sociological Theory

Sociological Theory
SOC-UA 111  Offered every semester. 4 points.
Detailed analysis of the writings of major social theorists since the 19th century in both Europe and America. Theorists studied may include: Tocqueville, Marx, Durkheim, Weber, Simmel, Freud, Mead, Parsons, Merton, Goffman, Habermas, Giddens, Foucault, Bourdieu, or others.

Methods of Inquiry Cluster

Research Methods
SOC-UA 301  Offered every semester. 4 points.
Studies the relationship between the sociological question addressed and the method employed. Topics: survey design and analysis, unobtrusive measures, historical sociology, interviews, content analysis, and participant observation. Introduction to quantitative data processing.

Statistics for Social Research
SOC-UA 302  Satisfies College Core Curriculum requirement in Quantitative Reasoning. Offered every semester. 4 points.

Law, Deviance, and Criminology Cluster

Law and Society
SOC-UA 413  Identical to LWSOC-UA 1. Offered every year. 4 points.
Sociological perspectives on law and legal institutions: the meaning and complexity of legal issues; the relation between law and social change; the effects of law; uses of law to overcome social disadvantage. Topics: “limits of law,” legal disputes and the courts, regulation, comparative legal systems, legal education, organization of legal work, and lawyers’ careers.

Deviance and Social Control
SOC-UA 502  Identical to LWSOC-UA 502. Offered every year. 4 points.
How statuses and behaviors come to be considered deviant or normal; theories of causation, deviant cultures, communities, and careers. Functioning of social control agencies. The politics of deviance. Consideration of policy implications.

Criminology
SOC-UA 503  Identical to LWSOC-UA 503. Offered every year. 4 points.
The making of criminal laws and their enforcement by police, courts, prisons, probation and parole, and other agencies. Criminal behavior systems, theories of crime and delinquency causation, victimization, corporate and governmental crime, and crime in the mass media. Policy questions.

Sex, Gender, and the Family Cluster

Sex and Gender
SOC-UA 21  Offered every year. 4 points.
What forms does gender inequality take, and how can it best be explained? How and why are the relations between women and men changing? What are the most important social, political, and economic consequences of this “gender revolution”? Examines a range of theories about gender in light of empirical findings about women’s and men’s behavior.

Sex and Love in Modern Society
SOC-UA 23  4 points.
Topics: dating and romantic relationships; relational and casual sex; contraception and unintended pregnancy; heterosexual, gay, lesbian, and bisexual sexualities; cultural attitudes toward sexuality; and changing meanings of marriage. Students engage with research on the topic and learn how social scientists draw conclusions from data analysis.
The Family
SOC-UA 451 Offered every year. 4 points.
Topics: What is the relationship between family life and social arrangements outside the family (in the workplace, the economy, the government)? How is the division of labor in the family related to gender, age, class, and ethnic inequality? Why and how have families changed historically? What are the contours of contemporary American families, and why are they changing?

Sexual Diversity in Society
SOC-UA 511 4 points.
Explores the social nature of sexual expression and past and contemporary explanations for sexual variation. Heterosexuality, homosexuality, bisexuality, transvestism, transgenderism, incest, sadomasochism, rape, prostitution, and pornography. Origin of sexual norms and prejudices. Lifestyles in the social worlds of sexual minorities. Problems of sexual minorities in such institutions as religion, marriage, polity, economy, military, prison, and law.

Groups and Inequalities Cluster

Social Networks
SOC-UA 131 4 points.
Social life in its different forms, from the delicate equilibrium of triadic relation to the chaotic dynamic of a crowd, emerges from the interdependent behavior of multiple actors. Studying the web of relationships in which individuals and groups are embedded leads to understanding of important collective dynamics (such as interpersonal influence, social diffusion, the origin of social norms, group cohesion and intergroup conflict, political participation, and market exchange).

Race and Ethnicity
SOC-UA 135 Prerequisite (effective spring 2023 and thereafter): Introduction to Sociology (SOC-UA 1). Offered every year. 4 points.
The social meaning of the concept “race.” Theories on sources of prejudice and discrimination. Considers the changing place of minority groups in the stratification structure, cultural patterns of various minority groups, acculturation and assimilation, social consequences of prejudice, and theories and techniques relating to the decline of prejudice and discrimination.

Blacks in American Society
SOC-UA 136 4 points.
Topics include: why economic and political progress for African Americans seems to coincide with certain historical events (such as war); how African Americans found a way to resist over 300 years of racial oppression to demand rights collectively; and how early patterns of economic, social, and political inequality contribute to contemporary patterns of inequality in wealth and access to power and privilege.

Wealth, Power, Status: Inequality in Society
SOC-UA 137 4 points.
Topics include: concepts, theories, and measures of inequality; race, gender, and other caste systems; social mobility and social change; institutional supports for stratification, including family, schooling, and work; political power and the role of elites; and comparative patterns of inequality, including capitalist, socialist, and postsocialist societies.

Immigration
SOC-UA 452 Offered every two years. 4 points.
Provides an introduction to contemporary immigration to the United States, rooted in socio-behavioral science and placed in the context of immigration since the start of the Republic. Reviews U.S. law and policy governing immigration, and then examines the characteristics and behavior of foreign-born—especially immigrant—persons in the United States.

Political and Economic Sociology Cluster

Social Policy in Modern Societies
SOC-UA 313 4 points.
Controversies and research concerning the development of welfare states and public social provision. Special attention to the U.S. public social spending system in historical and comparative perspective. Developments in social policies and an assessment of their applicability to the American welfare state and those of other societies.

Economy and Society
SOC-UA 384 4 points.
Sociological perspectives on economic behavior. How economic concepts are socially constructed and culturally and historically specific. Difficult questions: Can we negotiate and purchase intimacy, love, or friendship? What is the relationship between money and morality?

American Capitalism in Theory and Practice
SOC-UA 386 Offered every year. 4 points.
How capitalist democracy affects the distribution of goods, rights, and powers. Asks whether capitalist markets are efficient and whether market outcomes serve the ends of democracy and justice. Explores how efficiency can conflict with justice and how just institutions can in turn have a beneficial impact on efficiency.
Capitalism and Democracy
SOC-UA 388  Offered every year. 4 points.
Is there a deep mutuality between capitalism and liberal democracy, or are market institutions and their effects corrosive to the culture and the practice of democratic politics? We assess arguments on both sides and examine both the historical record of the capitalism-democracy relationship and its current dynamics.

Politics, Power, and Society
SOC-UA 471 4 points.
Topics include: the iron law of oligarchy, theoretical and empirical considerations of democracy, totalitarianism, mass society theories, voting and political participation, the political and social dynamics of advanced and developing societies, and the political role of intellectuals.

Terrorism and Political Violence in the Modern World
SOC-UA 474  Offered every two years. 4 points.
How and for what purposes has the idea of “terrorism” been conceptualized and used by politicians, journalists, and scholars? How have scholars attempted to explain terrorism and political violence? Are terrorism and other forms of political violence ever justified? Does terrorism or violence actually work? Examines a wide range of historical cases of terrorism and political violence in the modern world.

Education, Art, Religion, Culture, and Science Cluster

Sociology of Medicine
SOC-UA 414  Offered every two years. 4 points.
Why do health and illness vary by class and race? Do early life experiences affect one’s chances of being ill as an adult? How large a role does health care play in influencing health disparities? How has the profession of medicine changed over time? How can we improve the quality of health care that hospitals provide? Utilizes a case-based approach.

Education and Society
SOC-UA 415 4 points.
Considers such educational ideas as IQ, merit, curriculum, tracking, and learning, as well as the bureaucratic organization of education. Analyzes the role of teachers, their expectations, and how they interact with students (particularly those of different social genders, classes, and ethnic groups).

Sociology of Culture
SOC-UA 431 4 points.
What is culture? Ideas floating in our head? Ways of acting? Where do cultures come from? How do they affect our world? Topics: the role of power relations in culture, as well as the possibility for creativity and ways of challenging power; how cultural industries are organized; and how sub-cultures provide alternative ways for people to imagine their world.

Religion and Society
SOC-UA 432 4 points.
Examines the relationship between religion and society, not the ultimate truth of any particular religion or religion in general. What is religion? How is it related to other institutions in society, like science and politics? Is terrorism a natural result of some religions? What do people gain from being religious? How do religions change over time?

Sociology of Music, Art, and Literature
SOC-UA 433 4 points.
Production, distribution, and consumption of music, art, and literature in their social contexts.

Urban Communities, Population, and Ecology Cluster

The American Ghetto
SOC-UA 139 4 points.
Psychological, social, ecological, and political/economic approaches to: evolving forms of urban inequality; the contested meaning of localism; production and consumption of urban culture; immigration; segregation and ghettoization; suburbanization, fragmentation, and sprawl; environmental injustice; insecurity related to disasters and perceived health crises; and unchecked metropolitan growth.

The Social Challenges of Climate Change
SOC-UA 454  Offered every two years. 4 points.
Core themes: communication and cognition, cultural values and material consumption, politics and persuasion, mitigation and adaptation, economics and social justice, power and social movements, and the possibility of creating new, more sustainable ways of living on earth. Examines Superstorm Sandy and its aftermath, focusing on how to rebuild a more resilient city and region in anticipation of more extreme weather events.

Cities, Communities, and Urban Life
SOC-UA 460  Identical to SCA-UA 760. 4 points.
Historical development of American cities and ongoing processes of urban community life. Are cities sites of individual opportunity and rich communal life, or sources of individual pathology and community decline? What social, economic, and political factors promote one outcome or the other? How do different groups fare in the urban context, and why?
Advanced Seminar Cluster

**Advanced Seminars in Sociology**
SOC-UA 934 to SOC-UA 939  
Prerequisite: junior or senior standing or written permission of the instructor. 4 points.
The Department of Sociology offers advanced seminars each semester. Recent seminar topics have included American families in transition; gender, politics, and law; the welfare state; the sociology of childhood; human nature and social institutions; and explaining September 11th. Please consult the department for a current listing.

Senior Capstone/Thesis Course Cluster

**Research Capstone Seminar**
SOC-UA 940, 941  
Required for all majors not taking the Senior Honors Research Seminar. Prerequisite: Research Methods (SOC-UA 301). Offered every semester. 4 points.
A one-semester seminar to develop an independent research project, conduct original research, and prepare a research paper summarizing the results.

**Senior Honors Research Seminar**
SOC-UA 950, 951  
Prerequisite: Research Methods (SOC-UA 301). Required for all honors students. Offered in fall and spring respectively. 4 points per term.
Year-long seminar that provides support for honors students in researching, designing, and completing substantial thesis projects.

**Topics Course Cluster**

**Topics in Sociology**
SOC-UA 970, 971  
4 points.
Topics vary. Please consult the department for current content.

**Independent Study**

**Independent Study**
SOC-UA 997, 998  
Prerequisite: permission of the department. 2 or 4 points per term.
Intensive research under the supervision of a department faculty member. Students participating in an internship may petition the Department of Sociology to receive independent study credit; please refer to the petition guidelines on the “independent study/internship information” page at the department’s website.

Graduate Courses Open to Undergraduates

Under special circumstances, courses offered in the sociology graduate program are open to qualified sociology majors with the permission of the instructor. These can substitute for required sociology elective courses for majors or minors.
MINOR IN
South Asian Studies

OVERVIEW
The minor in South Asian studies, which is administered by the Department of History, provides students with a broad comparative perspective on South Asia and the opportunity for greater concentration in a specific topic of interest or geographic locale. Students have many choices of courses and course combinations. They can choose, for example, to study a language and its literature, explore aspects of the colonial and postcolonial histories of South Asia, investigate the art and architecture of the region, explore contemporary political dynamics, analyze literary forms and cinema, or track the South Asian diaspora. The course of study encompasses a range of disciplines, including anthropology, art history, history, literature, political science, and two modern languages (Hindi and Urdu). Through a consortial exchange program with Columbia University, students may also study one of the region’s many modern or classical languages.

PROGRAM

Minor
The minor in South Asian studies requires four 4-point courses (16 points) chosen in close consultation with the South Asian studies faculty adviser. Students must declare the minor and consult the adviser before completing their course requirements. Students can pursue three broad areas of concentration:

Track A: Language and Literature
This track provides students with a solid foundation in a modern Indian language. Students must complete a four-semester sequence in either Hindi or Urdu. These courses may also be used to satisfy the CAS foreign language requirement.

Track B: History, Culture, and Politics
This track fosters a broad interdisciplinary perspective on South Asia. All four courses must be non-language courses.

Track C: Culture and Language
Students must take two language courses at the intermediate level or advanced level, plus two non-language South Asian studies courses. The language courses may also be used to satisfy the CAS foreign language requirement.

Policies Applying to the Minor
All courses for the minor must be completed with a grade of C or better (Pass/Fail does not count).
One College Core Curriculum Cultures and Contexts course on South Asia may be counted toward the nonlanguage minor requirement (in tracks B and C).

The South Asian studies faculty adviser determines the eligibility of courses taught by NYU South Asian faculty which are not currently on the minor course list.

One course taken in a study away program can be counted, with the faculty adviser’s approval, after examining the syllabus and other documents related to that course, which students must provide.

For students who matriculate in CAS as freshmen, at least three of the four courses must be completed at NYU. Transfer students may be allowed to count up to two transfer courses toward the minor (upon review and approval of the faculty adviser); they must always complete two courses for the minor at NYU.

With prior approval, one independent study course can count toward the minor.

One course can automatically double count for the South Asian minor and another major/minor, and two courses may be considered by student petition. Other majors and minors may have stricter policies on double counting of courses; students must check with their other departments.

The minor does not satisfy either Societies and the Social Sciences or Expressive Culture in the College Core Curriculum.

COURSES

This list is subject to change, and course offerings may vary by semester. Students should consult departmental websites and relevant school Bulletins for course descriptions and prerequisites.

**ANTHROPOLOGY**
*State and Society in South Asia*
ANTH-UA 104  Formerly Anthropology of South Asia. 4 points.

*Rediscovering Caste and Race: Crossroads of Culture, Power, and History*
ANTH-GA 3396  4 points.

**ART HISTORY**
*South Asian Art I: Indus Valley to 1200*
ARTH-UA 530  4 points.

*South Asian Art II: 1200 to the Present*
ARTH-UA 531  4 points.

*Painting Traditions of South Asia, Past to Present*
ARTH-UA 550  4 points.

**CINEMA STUDIES**
*Indian Cinemas*
CINE-UT 105  4 points.

**COLLEGE CORE CURRICULUM**
*Cultures and Contexts: South Asia*
CORE-UA 503  4 points.

*Cultures and Contexts: India*
CORE-UA 516  4 points.

**ENGLISH**
*Post-Colonial Writers*
ENGL-UA 708  4 points.

*South Asian Literature in English*
ENGL-UA 721  4 points.

**GALLATIN SCHOOL OF INDIVIDUALIZED STUDY**
*The Invisible Economies of Being: Poverty in the Non-West*
FIRST-UG 394  4 points.

*Ancient Indian Literature*
IDSEM-UG 1266  4 points.

*South Asian Writers*
IDSEM-UG 1335  4 points.

**HISTORY**
*Topics in South Asian History*
HIST-UA 175  4 points.

*Global Asia*
HIST-UA 300  4 points.

*Colonialism and Decolonization*
HIST-UA 569  4 points.
LIBERAL STUDIES
South Asian Cultures
SAGC-UF 1001  4 points.
Once matriculated in CAS, students cannot take Liberal Studies courses.

MIDDLE EASTERN AND ISLAMIC STUDIES I: LANGUAGE, LITERATURE, AND CULTURE COURSES AT NYU
Elementary Urdu I and II
MEIS-UA 301, 302  4 points each.
Intermediate Urdu I and II
MEIS-UA 303, 304  4 points each.
Elementary Hindi I and II
MEIS-UA 405, 406  4 points each.
Intermediate Hindi I and II
MEIS-UA 407, 408  4 points each.
Advanced Hindi I and II
MEIS-UA 409, 410  4 points each.
What Is Islam?
MEIS-UA 691  4 points.
Modern South Asian Literature
MEIS-UA 717  4 points.
Introduction to Ancient Indian Literature
MEIS-UA 718  4 points.
Seminar: Women and Islamic Law
MEIS-UA 783  4 points.
The Sufis: Mystics of Islam
MEIS-UA 863  4 points.

MIDDLE EASTERN AND ISLAMIC STUDIES II: LANGUAGE COURSES THROUGH THE CONSORTIUM AGREEMENT WITH COLUMBIA UNIVERSITY
Elementary/Intermediate Punjabi I and II
COLUM-UA 101 through COLUM-UA 104
Formerly MEIS-UA 422 through MEIS-UA 425.  4 points each.
Elementary/Intermediate Bengali I and II
COLUM-UA 11 through COLUM-UA 14
Formerly MEIS-UA 426 through MEIS-UA 429.  4 points each.
Elementary/Intermediate Tamil I and II
COLUM-UA 251 through COLUM-UA 254
Formerly MEIS-UA 430 through MEIS-UA 433.  4 points each.

PHILOSOPHY
Topics in the History of Philosophy: India
PHIL-UA 101  4 points.

Philosophy of Mind: Buddhism
PHIL-GA 3010  4 points.

POLITICS
Politics of South Asia
POL-UA 562  4 points.

RELIGIOUS STUDIES
Religions of India
RELST-UA 337  4 points.
Topics in Religious Studies: Yoga and Tantra in History and Today
RELST-UA 650  4 points.
Perspectives on Islam: Islam in South Asia
RELST-UA 665  4 points.

Introduction to Buddhism
RELST-UA 832  4 points.

SOCIAL AND CULTURAL ANALYSIS
History and Literatures of the South Asian Diaspora
SCA-UA 313  4 points.

Theories of Gender and Sexuality
SCA-UA 472  4 points.
DEPARTMENT OF
Spanish and Portuguese Languages and Literatures

Chair of the Department
Professor Basterra

Director of Undergraduate Studies
Associate Professor Torres-Rodríguez

Associate Director of Undergraduate Studies
Clinical Professor Dávila

Director of Spanish Language Program
Clinical Professor Elorrieta

OVERVIEW

The Department of Spanish and Portuguese Languages and Literatures boasts one of the most prestigious and innovative programs in the country. Students with an interest in the Spanish and Portuguese languages and/or the cultural production of Latin America, the Caribbean, and Spain take a wide range of courses with a world-class faculty, who frequently collaborate with NYU’s Center for Latin American and Caribbean Studies, the King Juan Carlos I Center, and the Hemispheric Institute of Performance and Politics.

The department offers a range of majors and minors. Highly qualified students may participate in the honors program, which culminates in the writing of a thesis during the student’s senior year under the supervision of a faculty member. Internships are offered for credit with educational and cultural institutions throughout the city. Students are encouraged to study away at NYU Madrid and NYU Buenos Aires, where they may fulfill many major or minor requirements through site-specific classes and immersive experiences.

In addition, the department collaborates on programs with the Residential Life Exploration Program’s Spanish language floor for freshmen, and publishes the online undergraduate journal wp.nyu.edu/esferas.

FACULTY

Professors Emeriti
Anderson, Hughes, Krabbenhoft, Labanyi, Martínez, Martins, Molloy, Pollin, Pratt, Regalado, Ríos-Ávila

University Professor; Professor of Spanish and Portuguese
Taylor

Collegiate Professor; Professor of Spanish and Portuguese
Fernández

Professors
Anderman, Basterra, Fiol-Matta, Giorgi, Subirats, Taylor

Associate Professors
Dopico, Dopico-Black, Fischer, Lane, Mendelson, Noel, Pearce, Peixoto, Robbins, Torres-Rodriguez, Tortorici

Faculty Fellow
Rankin

Clinical Professors
Dávila, Dreyfus, Elorrieta, Zemborain

Clinical Associate Professors
Amelio, Augspach, Burgos, Cleva, Del Risco, Gonza-\les, Hernández, Hernández Ramírez, López-García, Martínez, Muñoz, Nascimento-Kettner, Segura, Sooudi, Trazman, Veloso

Clinical Assistant Professor
Zubieta
Policies Applying to All Departmental Majors

For all majors in this department, students must discuss and plan their program of study with the director of undergraduate studies (DUS). All courses must be completed with a grade of C or better (courses graded Pass/Fail do not count). Transfer students must complete at least half of the major in residence at New York University.

Major in Spanish and Portuguese

Please note: Students who have completed (or are completing) the requirements for the previous major in Spanish and Latin American Literatures and Cultures must contact the department for advising.

The major in Spanish and Portuguese is intended for students with an interest in the Spanish and Portuguese languages and the cultural production of Latin America, the Caribbean, Luso-Africa, and the Iberian Peninsula. In addition to gaining advanced linguistic skills in Spanish and/or Portuguese, students will develop tools to analyze and discuss cultural and literary trends and themes. Majors will gain specialized knowledge in the humanistic methods and approaches needed to critique culture and literature from a global Hispanophone and Lusophone perspective.

This major requires nine 4-point courses (36 points) above the intermediate level. All students concentrate in either Spanish or Portuguese and must take at least five courses conducted in their language of concentration.

The concentration in Spanish requires the following six courses (24 points):

• Either Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish-Speaking Students (SPAN-UA 51; formerly SPAN-UA 111).
• Key Works: The Contested Canons of Spanish, Latin American, and Luso-Brazilian Studies (SPAN-UA 220).
• Key Words: Research Approaches to Iberian, Latin American, and Luso-Brazilian Cultures (SPAN-UA 225).
• One of the following:
  ○ Cultural History of the Luso-Brazilian World (PORT-UA 215)
  ○ The Iberian Atlantic (SPAN-UA 201; formerly SPAN-UA 300)
  ○ Cultural History of Latin America (SPAN-UA 205; formerly SPAN-UA 305)
  ○ Cultural History of Spain (SPAN-UA 260; formerly SPAN-UA 310)
  ○ A Cultures and Contexts (CORE-UA 5##) course on Latin America, Spain, the Caribbean, Luso-Brazilian studies, or Latino studies.

• At least one 300-level course in Spanish [replaces Critical Approaches to Textual and Cultural Analysis (SPAN-UA 200), which is discontinued but was required for the previous major in Spanish].
• At least one course must be taken in the field of Luso-Brazilian studies [either Cultural History of the Luso-Brazilian World (PORT-UA 215) or an elective in Portuguese, Brazilian, or Luso-African studies; if PORT-UA 215 is taken for this requirement, it cannot also count toward the “one of the following” requirement above].

The concentration in Spanish requires an additional three courses (12 points) as follows:

• Three electives (12 points) chosen from a selection of courses at the 100, 200, 300 or 400 level in: literature, cultural studies, fiction, music, performance, visual culture, history, politics, and advanced language electives.
The concentration in Portuguese requires the following six courses (24 points):

- Advanced Portuguese (PORT-UA 50).
- Key Words: Research Approaches to Iberian, Latin American, and Luso-Brazilian Cultures (SPAN-UA 225).
- One of the following:
  - Cultural History of the Luso-Brazilian World (PORT-UA 215)
  - The Iberian Atlantic (SPAN-UA 201; formerly SPAN-UA 300)
  - Cultural History of Latin America (SPAN-UA 205; formerly SPAN-UA 305)
  - A Cultures and Contexts (CORE-UA 5##) course on Luso-Brazilian studies.
- At least one 300-level course in Portuguese.
- At least one course must be taken in the field of Spanish and Latin American literature, history, and culture.

The concentration in Portuguese requires an additional three courses (12 points) as follows:

- Three electives (12 points) chosen from a selection of courses at the 100, 200, 300 or 400 level in: literature, cultural studies, fiction, music, performance, visual culture, history, politics, and advanced language electives.

Major in Latin American and Caribbean Studies

This interdisciplinary major requires nine courses (36 points) completed with a grade of C or better. It allows students to design a course of study drawing on the offerings of the Center for Latin American and Caribbean Studies and the Department of Spanish and Portuguese, as well as courses in other departments and programs across the University, including anthropology, art history, cinema studies, comparative literature, economics, history, performance studies, politics, sociology, and more. Individual programs of study are planned with and approved by the director of undergraduate studies.

The required courses are as follows:

- The Iberian Atlantic (SPAN-UA 201; formerly SPAN-UA 300).
- One introductory course on Latin America or the Caribbean chosen from:
  - Cultural History of Latin America (SPAN-UA 205; formerly SPAN-UA 305)
  - Cultural History of the Luso-Brazilian world (PORT-UA 215)
  - Cultures and Contexts: the Caribbean (CORE-UA 509)
  - Cultures and Contexts: Latin America (CORE-UA 515)
- Seven electives pertinent to the study of Latin America and the Caribbean, chosen in consultation with the director of undergraduate studies.

In addition, students are required to demonstrate proficiency in two languages, chosen from:

- Spanish through the level of Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111); Portuguese through the intensive elementary level; and indigenous and diasporic languages (including Quechua, Haitian Kreyol, Nahuatl, and/or Mixtec) through the full elementary level. These language courses (and any more advanced language electives) cannot be applied toward the nine courses required for this major.

Major in Romance Languages

See the Romance languages section of this Bulletin for details and requirements. The major
comprises nine 4-point courses (36 points), with five courses taken in the primary language and four in the secondary. For declaration of and advice in the major, students must visit the departments of both languages they intend to study and indicate to each which language is primary and which is secondary.

Major in Spanish and Linguistics

This joint major requires a total of ten 4-point courses (40 points), five in each department, and all completed with a grade of C or better.

The Spanish requirements for this major comprise five 5-point courses (20 points) as follows:
• The prerequisite for entering the major is either Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51, formerly SPAN-UA 111). Note that neither course counts toward the major.
• Students must take at least one SPAN-UA 3## course conducted in Spanish (this replaces the discontinued requirement of Critical Approaches to Textual and Cultural Analysis, SPAN-UA 200). This SPAN-UA 3## course cannot double-count toward the next requirement.
• Students must take four additional advanced Spanish courses, chosen with the advice of the director of undergraduate studies. These are often at the SPAN-UA 3## level.
  ○ One and only one of these additional four courses may be an advanced language elective (creative writing, conversation, or translation), chosen from the following: Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101), Advanced Spanish Conversation for the Medical Professions (SPAN-UA 61; formerly SPAN-UA 102), Techniques of Translation (SPAN-UA 110), Literary Translation (SPAN-UA 111), Introduction to Creative Writing in Spanish (SPAN-UA 120; formerly SPAN-UA 125 and 225), Advanced Fiction and Nonfiction Workshop in Spanish (SPAN-UA 122; formerly SPAN-UA 325), or Advanced Poetry Workshop in Spanish (SPAN-UA 124; formerly SPAN-UA 320).

The linguistics requirements for this major comprise five 4-point courses (20 points) as follows:
• Either Language (LING-UA 1) or Language and Mind (LING-UA 3)
• Sound and Language (LING-UA 11)
• Grammatical Analysis (LING-UA 13)
• A total of two additional courses from two different fields of linguistics, chosen from the following:
  ○ Historical linguistics (LING-UA 14)
  ○ Sociolinguistics (LING-UA 15, LING-UA 18, LING-UA 30, LING-UA 38, LING-UA 57)
  ○ Phonology (LING-UA 12)
  ○ Semantics (LING-UA 4)
  ○ Computational linguistics (LING-UA 6, LING-UA 7)
  ○ Psycholinguistics (LING-UA 5, LING-UA 43, LING-UA 54, LING-UA 59)
  ○ Structure of a Modern Language (LING-UA 10, LING-UA 42, LING-UA 44, LING-UA 9032)

Policies Applying to All Departmental Minors

Students may complete a minor in this department by pursuing one of four minor tracks. All students who wish to minor must declare with the department and select courses in consultation with the director of undergraduate studies. All minor courses must be completed with a grade of C or better (Pass/Fail grades do not count). Transfer students must complete at least half the courses for their minor (three courses for a five-course minor) in residence at NYU.
Minor in Luso-Brazilian Language and Literature (Portuguese)

This minor consists of five 4-point courses (20 points) above the intermediate level. The minor requires Advanced Portuguese (PORT-UA 50), as well as four electives chosen from 100-, 200-, 300-, and 400-level courses. At least one elective must be a PORT-UA 3## or 4## course conducted in Portuguese. Portuguese courses at the graduate level may be counted toward the minor with the permission of the director of undergraduate studies.

Minor in Spanish

This minor consists of five 4-point courses (20 points) above the intermediate level. The minor requires either Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111), as well as four electives chosen from 100-, 200-, 300-, and 400-level courses. At least one elective must be a SPAN-UA 3## course conducted in Spanish (this replaces the discontinued requirement of Critical Approaches to Textual and Cultural Analysis, SPAN-UA 200).

Minor in Latin American and Caribbean Studies

The minor consists of five courses (20 points) on Latin America and the Caribbean, drawn from the Department of Spanish and Portuguese and/or other departments across the university. Students must take one introductory course chosen from Cultural History of Latin America (SPAN-UA 205; formerly SPAN-UA 305), Cultures and Contexts: The Caribbean (CORE-UA 509), or Cultures and Contexts: Latin America (CORE-UA 515). In addition, students are required to demonstrate proficiency in one language, chosen from: Spanish through the level of Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111), Portuguese through the intensive elementary level, and indigenous and diasporic languages (including Quechua, Haitian Kreyol, Nahuatl, and/or Mixtec) through the full elementary level. These language courses (and any more advanced language electives) cannot be applied toward the five courses required for this minor.

Minor in Creative Writing in Spanish (CWS)

The minor consists of four 4-point courses (16 points), which must include Introduction to Creative Writing in Spanish (SPAN-UA 120; formerly SPAN-UA 125 and 225), Advanced Poetry Workshop in Spanish (SPAN-UA 124; formerly SPAN-UA 320), Advanced Fiction and Non-Fiction Workshop in Spanish (SPAN-UA 122; formerly SPAN-UA 325), and a fourth course conducted in Spanish and chosen with the advice of the department. Note that Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) does not count toward the minor; this course (or equivalent) is a prerequisite for entering the minor.

Honors Program

To qualify for the honors program in the department, students must maintain at least a 3.65 general average and a 3.65 major average; they must consult with the director of undergraduate studies in the second semester of their junior year. During their senior year, students register for the Senior Honors Seminar (SPAN-UA 498; formerly SPAN-UA 995) in the fall and then enroll in the Honors Thesis Seminar (SPAN-UA 499; formerly SPAN-UA 996) the following spring. The honors thesis is an extended research paper written on a topic of the student’s choice and directed by a faculty adviser. The two-semester honors seminar sequence covers such areas as
choosing a topic, compiling a bibliography, conducting library and web-based research, properly
documenting sources, and developing research and writing methods for graduate- or professional-
level study. Students give an oral presentation on the honors thesis and its bibliography.

Spanish Language Program: Policy on Course Placement

Please note that all SAT Subject Examinations were discontinued as of January 2021 in the U.S. and after June 2021 internationally.

Students with no previous study of Spanish enroll in Spanish for Beginners I (SPAN-UA 1). Students with one year of high school Spanish may either enroll in SPAN-UA 1 or take a placement test. All other students must show proof of placement through one of the following: the SAT subject exam; an AP, IB, or A Level exam; or the NYU online placement exam. Students who know or have studied Spanish but do not take a placement test will not be allowed to stay in a course.

Students with transfer credit in Spanish must take a placement test to register for the language in CAS; they cannot place themselves. Transfer credit at or above the intermediate two level satisfies the Core graduation requirement, but is not used for placement.

Native Spanish (heritage) speakers who intend to study this language at NYU must take a special departmental evaluation (not the online placement exam or the usual written examination) for placement into Intermediate Spanish for Spanish Speakers (SPAN-UA 11) or Advanced Spanish for Spanish Speakers (SPAN-UA 51; formerly SPAN-UA 111). Completion of either course fulfills the language requirement.

Placement test results are valid for 18 months. Students cannot take the test more than once every 18 months without the permission of the director of the language program. The results are not recommendations; students must register for the course they place into. Only a course coordinator or the director of the language program can override a placement test score. Placement results will be assessed by instructors in the first week of classes. Inappropriately placed students will be asked to drop/add into the correct level.

Incoming freshmen do not necessarily have to take the NYU online placement exam while they are waiting for AP, IB, A Level, or SAT subject exam results. Standardized exam results take precedence over the online exam. (If any Spanish exam was taken in junior year of high school, however, please take the NYU placement exam for a more recent assessment.) If standardized test results arrive and are too low to award credit, students must then take the NYU online placement exam.

If more than 18 months have elapsed since a student took a SPAN-UA course (or any standardized test in this language), it can no longer serve as an automatic prerequisite for the next course in the sequence. The student must take or retake the NYU online placement examination to determine the correct level of study. This may result in repeating SPAN-UA courses and/or loss of credit.

Advanced Placement (AP), International Baccalaureate (IB), A Level exams, and the SAT Subject Examination in Spanish may be used for placement in the proper level of study so long as the scores are no more than 18 months old.

For more information and tables showing appropriate course placement for specific test scores, consult the section on language placement at the department’s website, as.nyu.edu/spanish.
To contact the director of the language program (DLP), call 212-998-8770 or write to spanish.dlp@nyu.edu.
**Spanish Language Program: Policy on Advanced Placement (AP) Examinations**

Students who score a 4 or 5 on the Spanish Language exam earn 4 credits for Intermediate Spanish II (SPAN-UA 4) and are exempt from the College’s language requirement.

Students who are not native speakers, who earned a 4 on the Spanish Language AP exam, and who intend to continue studying Spanish are required to take the NYU online language placement exam to confirm placement into Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). Students who score less than 59 on the online test will be required to take Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101) before enrolling in SPAN-UA 50. On the first day of classes they will also take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the AP credit. AP scores over 18 months old cannot be used for placement. Native speakers who earned a 4 on the Spanish Language AP exam and intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.

Students who are not native speakers, who earned a 5 on the Spanish Language AP exam, and who intend to continue studying Spanish may register for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). On the first day of classes they will take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the AP credit. AP scores over 18 months old cannot be used for placement. Native speakers who earned a 5 on the Spanish Language AP exam and intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.

Students who obtain a score of 4 or 5 on the Spanish Literature exam receive 4 credits for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) and satisfy the Core language requirement. If they wish to continue taking Spanish classes, they must take a special, advanced language placement evaluation at the Spanish department (not the online placement or usual written exemption exam) and consult with the director of the Spanish language program (spanish.dlp@nyu.edu).

**Spanish Language Program: Policy on International Baccalaureate (IB) and Advanced Level ("A Level") Examinations**

Students who present a score of 6 or 7 on the High Level International Baccalaureate exam in Spanish “B,” or who present a score of B or higher on the Advanced Level exam in Spanish, earn 8 credits for Intermediate Spanish I and II (SPAN-UA 3 and 4) and are exempt from the College’s language requirement.

Students in these two categories who are not native speakers and intend to continue studying Spanish may register for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). On the first day of classes they will take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the IB or A Level credit. IB and A Level scores over 18 months old cannot be used for placement. Native speakers with IB or A Level credit who intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.
COURSES

Course Numbering System

Effective fall 2020, the department has extensively renumbered and reorganized many of its courses. All courses in Spanish and Portuguese above the intermediate level fall into the following categories:

50/60-level courses are bridge courses focusing on the acquisition of oral and written language skills that facilitate the transition from basic language courses to the major.

100-level courses are advanced language courses in which students can acquire specific skills in translation, creative writing, and professional vocabularies while they reinforce and deepen their knowledge and proficiency in Spanish and/or Portuguese. The 100 level also includes 2-point courses, independent study, and internships.

200-level courses are content courses that provide (a) historical foundations and frameworks for the study of Hispanic and Lusophone cultures; (b) critical, theoretical, and methodological tools for the study of cultural works; and (c) an emphasis on writing in the discipline. Some are taught in English.

300-level courses combine the acquisition of critical and methodological skills with a writing-intensive component, offering students the opportunity to learn and practice critical skills and expand historical knowledge at the same time as they acquire proficiency in writing in the fields of Hispanic and Lusophone cultural and critical studies. These courses are taught only in Spanish or Portuguese, and require departmental permission (an access code) to register.

400-level courses focus on critical debates and methodological skills applied to specific cultural artifacts or historical periods. These courses, some of which are taught in English, utilize research skills learned in previous courses and develop new ones; expand students’ command of critical vocabularies and debates; and emphasize the presentation of research results in a variety of formats and genres, from research papers to journalistic reports and multimedia projects. This level also includes the honors seminar and thesis course for honors-track students.

Placement in Spanish Language Courses

Please note that all SAT Subject Examinations were discontinued in the U.S. as of January 2021 and after June 2021 internationally.

For full details, students must consult the website of the Department of Spanish and Portuguese, as well as the Spanish language program’s polices on course placement and on AP, IB, and A Level exams in this department’s section in this Bulletin. To enroll in one’s first Spanish language course at NYU, students must have taken the SAT Subject Test in Spanish; have advanced standing credit for Advanced Placement, International Baccalaureate, A Levels, or equivalent; or have taken the placement examination administered by the University. The exception is students with no previous study of Spanish or who took no more than one year of Spanish in high school, who may enroll in Spanish for Beginners I (SPAN-UA 1). Students from a Spanish-speaking background who wish to study the language may not enroll in any level of Spanish for Beginners (SPAN-UA 1, SPAN-UA 2, and SPAN-UA 10) or Intermediate Spanish (SPAN-UA 3, SPAN-UA 4, and SPAN-UA 20), but must instead enroll in Spanish for Spanish Speakers (SPAN-UA 11) or Advanced Spanish for Spanish Speakers (SPAN-UA 51; formerly SPAN-UA 111) after taking a special written placement test in the department. Students with transfer credit in Spanish must take a placement test if they intend to register for the language in CAS. Note that after 18 months, a completed SPAN-UA course no longer serves as a prerequisite for more advanced courses; students must take or retake the placement exam. In addition, test scores are valid for only 18 months.

Admission to Courses above Intermediate Spanish

Students who have completed Intermediate Spanish I and II (SPAN-UA 3 and SPAN-UA 4) or Intensive Intermediate Spanish (SPAN-UA 20) must take Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) as a prerequisite for upper-level courses, unless otherwise noted in course descriptions.

Portuguese Language Courses: Elementary through Intermediate Levels

Elementary-level courses stress the structures and patterns that permit meaningful communication in and outside the classroom. Intermediate-level courses aim to promote fluency in speaking, as well as proficiency in reading and writing. Both include readings and discussions of Portuguese and Brazilian texts, film, and other media. Successful completion of Intermediate Portuguese II (PORT-UA 4) fulfills the College Core Curriculum
language requirement.

Portuguese for Beginners I
PORT-UA 1 Open to students with no previous training in Portuguese and no knowledge of Spanish, and to others on assignment by placement test. 4 points. Designed to teach the elements of grammar and language structure using primarily a proficiency approach involving listening, speaking, reading, and writing. Emphasis is on building vocabulary and language patterns to encourage spontaneous language use in and out of the classroom.

Portuguese for Beginners II
PORT UA 2 Prerequisite: PORT-UA 1 or placement test. 4 points. Further study of grammar. Emphasis is on building vocabulary and language patterns to encourage spontaneous language use in and out of the classroom.

Intermediate Portuguese I
PORT-UA 3 Prerequisite: Portuguese for Beginners Level II (PORT-UA 2), Intensive Elementary Portuguese (PORT-UA 10), Intensive Elementary Portuguese for Spanish Speakers (PORT-UA 11), assignment by placement test, or permission of the director of undergraduate studies. 4 points. Review of grammar, language structure, and culture, concentrating on fluency and accuracy through listening, speaking, reading, and writing activities.

Intermediate Portuguese II
PORT-UA 4 Prerequisite: Intermediate Portuguese I (PORT-UA 3), assignment by placement test, or permission of the director of undergraduate studies. 4 points. Promotes proficiency in reading, writing, and speaking. Readings and discussions of contemporary Luso-Brazilian texts and review of major grammatical concepts. Satisfies the Core language requirement.

Intensive Elementary Portuguese
PORT-UA 10 Open to students with no previous training in Portuguese and no knowledge of Spanish and to others on assignment by placement test. 6 points. Covers the equivalent of PORT-UA 1 and 2 in one semester. Designed to teach the elements of grammar and language structure using a proficiency approach involving listening, speaking, reading, and writing. Emphasis is on building vocabulary and language patterns to encourage spontaneous language use in and out of the classroom.

Intensive Elementary Portuguese for Spanish Speakers
PORT-UA 11 Prerequisite: native or near-native fluency in Spanish. 4 points. Accelerated introduction to spoken and written Portuguese that relies on the similarities of the Portuguese and Spanish languages to maximize learning and language acquisition.

Quechua Language Courses
Quechua is the most important and widely spoken indigenous language in Latin America. Increasing numbers of Quechua speakers have migrated to the United States (especially to New Jersey and New York City). The goal in the four-course sequence is effective communication through development of listening, speaking, reading, and writing. Successful completion of Intermediate Quechua II (SPAN-UA 84) fulfills the College Core Curriculum language requirement.

Elementary Quechua I
SPAN-UA 81 Identical to LATC-UA 101. No prerequisite. 4 points.

Elementary Quechua II
SPAN-UA 82 Identical to LATC-UA 102. Prerequisite: Elementary Quechua I (SPAN-UA 81) or permission of the instructor. 4 points. Continuation of SPAN-UA 81.

Intermediate Quechua I
SPAN-UA 83 Identical to LATC-UA 103. Prerequisite: Elementary Quechua II (SPAN-UA 82) or permission of the instructor. 4 points. Provides students with a deeper understanding of the language.

Intermediate Quechua II
SPAN-UA 84 Identical to LATC-UA 104. Prerequisite: Intermediate Quechua I (SPAN-UA 83) or permission of the instructor. 4 points. Continuation of SPAN-UA 83. Completion of Intermediate Quechua II satisfies the Core foreign language requirement.

Spanish Language Courses: Elementary through Intermediate Levels

Spanish for Beginners I
SPAN-UA 1 Open to students with no previous training in Spanish or who took one year of Spanish in high school, and to others on assignment by placement test. 4 points. Designed to teach the elements of grammar and language structure using primarily a proficiency approach involving listening, speaking, reading, and writing. Emphasis is on building vocabulary and language patterns to encourage spontaneous language use in and out of the classroom.

Spanish for Beginners II
SPAN-UA 2 Prerequisite: Spanish for Beginners I (SPAN-UA 1) or placement. 4 points. Continued study of grammar. Emphasis is on building vocabulary and language patterns to encourage spontaneous language use in and out of the classroom. Students who earn a B-plus or higher may proceed to Intensive Intermediate Spanish (SPAN-UA 20).
### Intermediate Spanish I

**SPAN-UA 3**  
Prerequisite: Spanish for Beginners II (SPAN-UA 2), Intensive Elementary Spanish (SPAN-UA 10), or placement. 4 points.  
Review of grammar, language structure, and culture, concentrating on fluency and accuracy through listening, speaking, reading, and writing activities.

### Intermediate Spanish II

**SPAN-UA 4**  
Prerequisite: Intermediate Spanish I (SPAN-UA 3) or placement. 4 points.  
Promotes proficiency in reading and writing as well as oral performance. Further aspects of grammar, language structure, and culture with readings and discussions of contemporary Hispanic texts. Fulfills the Core foreign language requirement.

### Intensive Elementary Spanish

**SPAN-UA 10**  
Open to students with one year of high school Spanish or two years of high school French, Italian, or Latin, and to others on assignment by placement exam or in consultation with the director of the Spanish language program. 6 points.  
Covers the equivalent of one year of Elementary Spanish (SPAN-UA 1 and SPAN-UA 2) in one semester. Students with a final grade of B+ or better in SPAN-UA 10 may enroll in SPAN-UA 20. Other students must proceed to SPAN-UA 3.

### Spanish for Spanish Speakers

**SPAN-UA 11**  
Prerequisite: placement exam/permission of the director of the Spanish language program. Offered every semester. 4 points.  
A formal introduction to grammar for heritage speakers who understand spoken Spanish but need to further develop their speaking, reading, and writing skills. Incorporates cultural and literary readings to develop written and oral communication skills. Fulfills the Core foreign language requirement.

### Intensive Intermediate Spanish

**SPAN-UA 20**  
Prerequisite: Intensive Elementary Spanish (SPAN-UA 10), Spanish for Beginners II (SPAN-UA 2) with a final grade of B+ or better, assignment by placement test, or permission of the director of the Spanish language program. 6 points.  
Promotes proficiency in reading, writing, and speaking. Covers the equivalent of one year of Intermediate Spanish (SPAN-UA 3 and SPAN-UA 4) in one semester. Fulfills the Core foreign language requirement.

### Bridge Courses in Spanish and Portuguese (50/60 Level)

### Advanced Portuguese

**PORT-UA 50**  
Prerequisite: Intermediate Portuguese II (PORT-UA 4). 4 points.  
Expands and consolidates students’ lexical and grammatical understanding of the Portuguese language and introduces them to the fundamental principles of expository writing. Utilizes exercises, readings, and intensive practice of various prose techniques and styles.

### Advanced Spanish

**SPAN-UA 50**  
Formerly Advanced Grammar and Composition (SPAN-UA 100). Prerequisite: Intermediate Spanish II (SPAN-UA 4), Intensive Intermediate Spanish (SPAN-UA 20), assignment by placement test, or permission of the director of the Spanish language program. For non-native speakers only. Native or quasi-native Spanish speakers should register for Advanced Spanish for Spanish-Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered every semester. 4 points.  
Intensive work designed to give the student fluency in the use of idiomatic, everyday language as well as a comprehensive, practical vocabulary. For non-native speakers only.

### Advanced Spanish Conversation

**SPAN-UA 60**  
Formerly SPAN-UA 101. Prerequisite: Intermediate Spanish II (SPAN-UA 4) or Intensive Intermediate Spanish (SPAN-UA 20). Recommended prerequisite or corequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). Not open to students who have taken Advanced Spanish Conversation for the Medical Professions (SPAN-UA 61; formerly SPAN-UA 102). Offered every semester. 4 points.  
This course is intended for heritage or native speakers and these students may not enroll in Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101) or Advanced Spanish Conversation for the Medical Professions (SPAN-UA 61; formerly SPAN-UA 102) unless they have completed the corequisite).

### Advanced Spanish for Spanish-Speaking Students

**SPAN-UA 51** Formerly SPAN-UA 111. Prerequisite: Spanish for Spanish Speakers (SPAN-UA 11) or placement/permission of the director of the Spanish language program. This course is intended for heritage or native speakers and these students may not enroll in Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101) or Advanced Spanish Conversation for the Medical Professions (SPAN-UA 61; formerly SPAN-UA 102). Offered every semester. 4 points.  
For native and quasi-native speakers with uneven formal training in the language. Expands and consolidates lexical and grammatical understanding of the language and introduces the fundamental principles of expository writing.

### Advanced Spanish Conversation for the Medical Professions

**SPAN-UA 61** Formerly SPAN-UA 102. Prerequisite: Intermediate Spanish II (SPAN-UA 4) or Intensive Intermediate Spanish (SPAN-UA 20), or permission of the director of the Spanish language program. Recommended prerequisite or corequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition,
SPAN-UA 100). Not open to students who have taken Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101). Offered periodically. 4 points.

Designed to expand speaking skills beyond practical, day-to-day language functions. Builds a more complex and technical proficiency in Spanish in a medical context, through the practice of pronunciation, vocabulary, idioms, and linguistic structures. For non-native speakers only.

Advanced Language Electives (100-149 Level)

Topics in Advanced Portuguese
PORT-UA 100  Prerequisite: Advanced Portuguese (PORT-UA 50). 4 points. Topics vary by semester.

Topics in Advanced Spanish
SPAN-UA 100  Formerly SPAN-UA 190. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). Offered periodically. 2 to 4 points. Topics vary but may include Spanish for the professions (Spanish for law, business, and medicine) or the practical use of the language (public speaking, Spanish for research).

Techniques of Translation
SPAN-UA 110  Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). Offered in the fall. 4 points. Theory and practice of translation through comparison of Spanish and English grammar, syntax, and style.

Literary Translation
SPAN-UA 111  Formerly SPAN-UA 214. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or permission of the director or associate director of undergraduate studies. Offered every other fall, Zubieta. 4 points.

2-Point Courses, Independent Study, and Internships (150-199 Level)

Independent Study
PORT-UA 170, 171  Formerly PORT-UA 997, 998. Prerequisite: permission of the director or associate director of undergraduate studies. Open only to majors. Offered in fall and spring respectively. 2 or 4 points per term.

Eseseras
SPAN-UA 150  Formerly SPAN-UA 354. Taught in Spanish. Prerequisite: one SPAN-UA 300-level course. Offered every spring. 2 points.

Creation of the department’s online undergraduate journal Esferas, from discussing the chosen topic through theoretical readings to editing, layout, and writing of contracts for online and print publication. May be repeated once to fulfill one of the electives for the major or minor.

Internship
SPAN-UA 152, 153  Formerly SPAN-UA 980, 981. Prerequisite: permission of the director or associate director of undergraduate studies. Open only to majors. Offered in fall and spring respectively. 2 or 4 points per term.

Topics in Culture and Action
SPAN-UA 155  Formerly SPAN-UA 555. Prerequisite: Spanish proficiency at or above Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100), or permission of the director or associate director of undergraduate studies. May be repeated once for credit. Offered every semester. 2 points.

The intersection of scholarship and activism. Students work directly every week with organizations in New York City that seek to improve the lives of communities in need (of education, asylum assistance, or access to health services). Course meets once every two weeks.
Independent Study
SPAN-UA 160, 161 Formerly SPAN-UA 997, 998. Prerequisite: permission of the director or associate director of undergraduate studies. Open only to majors. Offered in fall and spring respectively. 2 or 4 points per term.

Major Requirements (200 Level)

Cultural History of the Luso-Brazilian World
PORT-UA 215 Prerequisite when taught in Portuguese: one PORT-UA 300-level course; no prerequisite when taught in English. Usually offered once a year in alternation with SPAN-UA 201, SPAN-UA 205, and SPAN-UA 260. 4 points.
Examines the construction and ultimate demise of the Portuguese empire and the emergence of post-colonial nation-states (starting with the independence of Brazil at the beginning of the 19th century) through a range of literary, artistic, musical, and filmic expressions. Topics include the ideological underpinnings of colonialism and decolonization, as well as the diasporic memory-work individuals and communities carry out through poetry, music, and dance. Also considers the Portuguese heritage of New York City, from the 1654 foundation of its first Jewish congregation (by exiles from Recife, Brazil) and the presence until today of sizable Portuguese, Azorean, and Brazilian communities.

The Iberian Atlantic
SPAN-UA 201 Formerly SPAN-UA 300. Prerequisite when taught in Spanish: one SPAN-UA 300-level course; no prerequisite when taught in English. Usually offered once a year in alternation with PORT-UA 215, SPAN-UA 205, and SPAN-UA 260. 4 points.
From Islamic Spain and Indigenous America to the era of Spanish and Portuguese conquest and colonization. How the Iberian Peninsula, Western Africa, and the Americas were tied to one another in a vast inter-culture.

Cultural History of Latin America
SPAN-UA 205 Formerly SPAN-UA 305. Prerequisite when taught in Spanish: one SPAN-UA 300-level course; no prerequisite when taught in English. Usually offered once a year in alternation with PORT-UA 215, SPAN-UA 201, and SPAN-UA 260. 4 points.
Examines the making of modern Latin America through the study of key cultural practices in literature, visual art, film, and performance from the 19th century to the present. Topics may vary.

Key Works: The Contested Canons of Spanish, Latin American, and Luso-Brazilian Studies
SPAN-UA 220 No prerequisite. Taught in English. Offered every year. 4 points.
A close study of literary texts and other cultural artifacts that have, to a greater or lesser extent, been enshrined in the canon, as well as a selection of those that have been excluded or marginalized (including films and visual artwork in addition to works of literature). Critical readings put the primary sources into wider aesthetic and political contexts or offer analytical and theoretical approaches.

Key Words: Research Approaches to Iberian, Latin American, and Luso-Brazilian Cultures
SPAN-UA 225 No prerequisite. Taught in English. Offered every year. 4 points.
Critical and methodological approaches to cultural production, from oral and written cultures to film, performance, and music, and from the colonial period to the present.

Cultural History of Spain
SPAN-UA 260 Formerly SPAN-UA 310. Prerequisite when taught in Spanish: one SPAN-UA 300-level course; no prerequisite when taught in English. Offered approximately once per year in alternation with PORT-UA 215, SPAN-UA 201, and SPAN-UA 205. 4 points.
Examines the making of modern Spain through the study of key cultural practices in literature, visual art, film, and performance from the 19th century to the present. Topics may vary.

Writing in the Discipline in Portuguese (PORT-UA 300 Level)
The prerequisite for all PORT-UA 300-level courses is Advanced Portuguese (PORT-UA 50), unless noted otherwise. These courses are usually taught only in Portuguese and require departmental permission (an access code) to register; this permission is usually not required when the courses are conducted in English.

Topics: Brazil
PORT-UA 300 Formerly Topics in Brazil Studies (PORT-UA 700). Prerequisite when taught in Portuguese: Advanced Portuguese (PORT-UA 50); no prerequisite when taught in English. Offered periodically. Andermann, Giorgi, Robbins, Peixoto. 4 points.
Topics vary. Focused on Brazilian culture, society, and/or arts and the relationship between them.

The Short Story in Brazil
PORT-UA 301 Formerly The Brazilian Short Story (PORT-UA 830). Prerequisite: Advanced Portuguese (PORT-UA 50). Offered periodically. Robbins, Peixoto. 4 points.
Examines formal aspects of the Brazilian short story while developing skills in written and spoken Portuguese. Authors include Machado de Assis, Lima Barreto, Mário de Andrade, João Guimarães Rosa, Clarice Lispector, Rubem Fonseca, and Joao Gilberto Noll.

Fiction into Film
PORT-UA 302 Formerly Fiction into Film: Brazilian Novels and their Screen Adaptations (PORT-UA 702). Prerequi-
site: Advanced Portuguese (PORT-UA 50). Offered every other year. Peixoto. 4 points. Provides an introduction to Brazilian literature (including the work of Machado de Assis, Graciello Ramos, Mario de Andrade, Joao Guimaraes Rosa, Clarice Lispector, Chico Buarque de Hollanda, Paulo Lins) and to the rich tradition of Brazilian film (from Cinema Novo of the 1960s to its legacy and revision in contemporary film-making).

**Modern Brazilian Fiction**
PORT-UA 303 Formerly PORT-UA 821. Prerequisite: Advanced Portuguese (PORT-UA 50). Peixoto. 4 points. Introduction to the fiction of 19th- and 20th-century Brazil. Studies the development of a national literature within the broader context of cultural and literary history.

**Topics: Portugal and Luso-Africa**
PORT-UA 360 Prerequisite: Advanced Portuguese (PORT-UA 50). Andermann. 4 points. Topics vary by semester.

**Writing in the Discipline in Spanish (SPAN-UA 300 Level)**
The prerequisite for all SPAN-UA 300-level courses is either Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111), unless noted otherwise. These courses are usually taught only in Spanish and require departmental permission (an access code) to register.

**Women’s Writing in Latin America**
SPAN-UA 301 Formerly SPAN-UA 640. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered every other year. Dávila. 4 points. Compares Cortázar’s work with that of his contemporaries and studies his manipulation of high and low culture through his involvement with photography, painting, jazz, boxing, almanacs, and music.

**Latin American Cinema**
SPAN-UA 302 Formerly SPAN-UA 750. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Andermann, Fiul-Matta, Robbins. 4 points. May focus on particular national cinemas, transnational cinematic trends, genres, or historical periods, or may be organized thematically around specific issues and ways of examining cinema history, including the lenses of gender or class.

**Armas Secretas: Leer a Julio Cortázar Hoy**
SPAN-UA 304 Formerly Secret Weapons: Reading Julio Cortázarin Today (SPAN-UA 441). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered periodically. Dávila. 4 points. Explores the impact of photography on writing through texts that take photography as their main concern (but where no photographs appear) and texts that play on the page with the relationship between image and word.

**Archives of the Body**
SPAN-UA 305 Formerly SPAN-UA 360. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Tortorici. 4 points. What is “an archive” and what does it have to do with representations of the body? How do we know (or think we know) what we do about bodies and desires in the past and present? How and why do certain bodies come to be recorded, documented, and remembered in the first place? Utilizes the lenses of sexuality, desire, and memory in the Americas. Analyzes techniques of representation in their cultural and historical contexts.

**Cultures and Politics of the Caribbean**
SPAN-UA 306 Formerly SPAN-UA 580. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Fischer. 4 points. Main (but not exclusive) focus on the Spanish speaking islands. Topics: ‘discovery,’ slavery and the struggles against it, colonialism and independence movements, US occupations, dictatorships and revolutionary movements, and the Caribbean diaspora. Primary sources, literary texts, and essays in cultural studies/critical theory, anthropology, and history.
Narrar Lo Precario
SPAN-UA 307  Formerly Intimacy and Precariousness: Problems of Contemporary Latin American Culture (SPAN-UA 645). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered every other semester. Giorgi. 4 points. Topics: the relation between biography and fiction; new modes of constructing subjectivity; and figures of abandonment, precariousness, and disavowal that reflect transformations of the relation between politics and literature. Texts by Rodolfo Fogwill, Mario Bellatin, and Martin Kohan, and films of Lucrecia Martel and Eduardo Coutinho.

Gestos, Movimiento y Literatura
SPAN-UA 309  Formerly SPAN-UA 405 and 410. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111) or equivalent. Conducted in Spanish. Seminar. Offered every spring. Dávila. 4 points.

In what ways, and to what ends, are gestures, movement, and dance used in literary texts? How are they utilized in theory and criticism as metaphors for thought, or even as the grounds for knowledge and thought? What is political and/or ethical about them? How does dance produce literature and vice versa? Considers film and choreography in addition to literary and critical texts.

Topics in Latin American Literature and Culture
SPAN-UA 330  Formerly SPAN-UA 550. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111).

May be taken up to six times for credit as topics change. 4 points. Topics vary by semester.

Topics in Peninsular Spanish Literature and Culture
SPAN-UA 360  Formerly SPAN-UA 950. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered every other semester. Giorgi. 4 points. Recent topics include culture and memory, experimental documentary from Spain, Spanish romanticism, poetics and ethics, Spanish cultural studies, and 19th century novels.

Is Spanish One Language?
SPAN-UA 362  Formerly SPAN-UA 355. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered every year. Pearce. 4 points. Familiarizes students with the historical, geographical, ethnic, and sociolinguistic factors that contributed to the large variety of Spanish dialects spoken in the Americas.

Hisories of Photography
SPAN-UA 363  Formerly Histories of Photography in Spain and Latin America (SPAN-UA 240). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered periodically. Mendelson. 4 points. Theories and methods for interpreting photography, and a thematic overview of approximately 150 years of photographic practices.

Spanish Cinema, 1960s to the Present
SPAN-UA 364  Formerly Spanish Cinema from Past to Present (SPAN-UA 400). Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered periodically. Labanyi. 4 points. Cultural analysis of film texts; issues of gender, memory, the gaze and spectatorship, class and ethnicity, and national history. Analysis of cinematic form and technique.

Medieval Spain in Modern Fiction
SPAN-UA 365  Formerly SPAN-UA 350. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Offered periodically. Pearce. 4 points. Examines how nostalgia for a lost Andalus or Sefarad (the Arabic and Hebrew terms for the Iberian Peninsula) is explored as a theme and used as a device in modern literature. Considers the relevance of the past to the present.

Contemporary Spanish Culture
SPAN-UA 366  Formerly SPAN-UA 315. Prerequisite: Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100) or Advanced Spanish for Spanish Speaking Students (SPAN-UA 51; formerly SPAN-UA 111). Mendelson. 4 points. Specific topics may vary by semester.

Advanced Courses in Portuguese (PORT-UA 400 Level)

The prerequisite for all PORT-UA 400-level courses taught in Portuguese is at least one 300-level course in Portuguese (PORT-UA 300-399), unless noted otherwise.
Advanced Topics: Brazil (in Portuguese)
PORT-UA 400 Formerly Topics in Brazil Studies (PORT-UA 850). Prerequisite: Intermediate Portuguese II (PORT-UA 4). May be taken up to four times for credit as topics change. Offered every year. 4 points. Topics vary. Focus on Brazilian culture, society, and/or arts and the relationship between these. Recent topics include Brazilian architecture, the Amazon, and Brazilian poetry and song.

Advanced Topics: Brazil (in English)
PORT-UA 401 No prerequisites. Formerly Topics in Brazil Studies (PORT-UA 851). May be taken up to four times for credit as topics change. Offered every year. 4 points. Topics vary. Focus on Brazilian culture, society, and/or arts and the relationship between these. Recent topics include Brazilian architecture, the Amazon, and Brazilian poetry and song.

Brazilian Poetry and Song
PORT-UA 402 Formerly PORT-UA 840. Prerequisite when taught in Portuguese: any PORT-UA 300-level course; no prerequisites when taught in English. Offered periodically. Peixoto, Robbins. 4 points.
Popular song (samba, bossa nova) from 1922 to the early 1980s: its contexts and connections with poetry and politics. On Eating Others: Cannibalism and

Anthropophagy in the Circum-Atlantic World
PORT-UA 403 Formerly PORT-UA 600. Prerequisite when taught in Portuguese: any PORT-UA 300-level course; no prerequisites when taught in English. Offered periodically. Robbins. 4 points.
Cannibalism as an intellectual problem in Europe, the Caribbean, and Brazil. Authors include Montaigne, Shakespeare, Oswald de Andrade, Nelson Pereira dos Santos, and Suely Rolnik.

New Documentary in Brazil
PORT-UA 404 Formerly The New Brazilian Documentary (PORT-UA 706). Prerequisite: any PORT-UA 300-level course; no prerequisite when taught in English. Offered every other year. Andermann, Peixoto. 4 points.
Critical thinking about this genre from the 1990s to the present. Topics: uses of fact and fiction and the blurring of lines between them; ethical concerns about the use of other people's images and words; and the construction of layered and complex images of Brazil.

Narrating Poverty in Brazil
PORT-UA 405 Formerly Narrating Poverty in Brazilian Literature and Film (PORT-UA 704). Prerequisite when taught in Portuguese: completion of any PORT-UA 300-level course; no prerequisite when taught in English. Offered every other year. Peixoto. 4 points.
Explores the politics and poetics of representing scarcity and deprivation in literary works in various genres (novels, autobiography, short stories) and Brazilian films (Cinema Novo and after, including documentaries). Films include Barren Lives, The Scavengers, The Hour of the Star, Pixote, Bus 174, City of God, Babilônia 2000, and Black Orpheus.

Advanced Topics: Portugal and Luso-Africa (in Portuguese)
PORT-UA 460 Prerequisite: any PORT-UA 300-level course. 4 points.
Topics vary by semester.

Advanced Topics: Portugal and Luso-Africa (in English)
PORT-UA 461 No prerequisite. 4 points.
Topics vary by semester.

Advanced Courses in Spanish (SPAN-UA 400 Level)
The prerequisite for all SPAN-UA 400-level courses taught in Spanish is at least one 300-level course in Spanish (SPAN-UA 300-399), unless noted otherwise.

Advanced Topics in Latin American Literature and Culture (in Spanish)
SPAN-UA 400 Prerequisite: completion of any SPAN-UA 300-level course. May be taken up to four times for credit as topics change. 4 points.
Topics vary by semester.

Advanced Topics in Latin American Literature and Culture (in English)
SPAN-UA 401 Formerly SPAN-UA 551. May be taken up to four times for credit as topics change. 4 points.
Recent topics: new borderlands in Latin America and Spain, cultures of the Mexican Revolution, myth and literature, Hispanic cities, Latin American film, performance and human rights in Latin America, and literature and animality.

Advanced Topics in Latin American Literature
SPAN-UA 402 Formerly SPAN-UA 553. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. May be taken up to four times for credit as topics change. 4 points.
Topics vary by semester.

Topics: Crosslistings
SPAN-UA 403 Prerequisites vary. May be taken up to six times for credit as topics change. Lecture. 4 points.
Courses that originate in other departments and programs and are crosslisted with this department.

Narrar Lo Precario
SPAN-UA 404 Formerly SPAN-UA 646. Prerequisite: completion of any SPAN-UA 300-level course; no prerequisite when taught in Spanish. Giorgi. 4 points.
Recent literary work in Latin Amer-
ica, organized around (1) the relation between biography and fiction, between intimacy and public exhibition(ism), and new modes of constructing subjectivity; and (2) Figures of abandonment, of precariouslyness, and of disavowal that reflect (directly or obliquely) radical transformations of the political and of the relation between politics and literature.

**Latin American Theatre**

SPAN-UA 406  Formerly SPAN-UA 460. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered every other year. Lane, Taylor. 4 points.

History, theories, and practices in the 20th and 21st centuries. Topics: post-colonial theories of culture and art; modernist and postmodernist dramatic forms; and relations to the region’s complex social, sexual, and cultural politics.

**Topics: Crosslistings**

SPAN-UA 407  Prerequisites vary. May be repeated once for credit as topics change. Seminar. 4 points.

Courses that originate in other departments and programs and are crosslisted with this department.

**Contemporary Latin American Novel**

SPAN-UA 408  Formerly SPAN-UA 743. Prerequisite when taught in Spanish: completion of any SPAN-UA 300 course; no prerequisite when taught in English. Torres-Rodriguez. 4 points.

Works and authors may vary by semester.

**Narrar Lo Precario**

SPAN-UA 409  Formerly SPAN-UA 732. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Fischer. 4 points.

Topics vary by semester.

**Queer Cultures and Democracy**

SPAN-UA 410  Formerly SPAN-UA 480. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Giorgi. 4 points.

Starts with the present context of growing legal and social acceptance and inclusion of queer citizens in Latin America and the U.S., then revisits the last three decades to question frequently reductive narratives of steady, linear progress. Uses Buenos Aires and New York as examples of cities that epitomize queer struggles and cultures.

**Modern Hispanic Cities**

SPAN-UA 411  Formerly SPAN-UA 650. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Dávila. 4 points.

An interdisciplinary, multimedia, and comparative approach to the physical, spatial, literary, musical, and imaginary constructions of such cities as Mexico City, Havana, Lima, Buenos Aires, San Juan, Madrid, Barcelona, and New York. Advanced Topics in Peninsular Spanish Literature and Culture (in Spanish) SPAN-UA 460 Prerequisite: completion of any SPAN-UA 300-level course. May be taken up to four times for credit as topics change. 4 points.

Topics vary by semester.

**Advanced Topics in Peninsular Spanish Literature and Culture (in English)**

SPAN-UA 461  Formerly SPAN-UA 951. Offered every semester. May be taken up to four times for credit as topics change. 4 points.

Recent topics include culture and memory, experimental documentary from Spain, Spanish romanticism, poetics and ethics, Spanish cultural studies, and 19th century novels.

**Cervantes and Don Quixote**

SPAN-UA 462  Formerly Cervantes (SPAN-UA 371). Identical to MEDI-UA 335. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered every other year. Pearce, Sierra Matute, Subirats. 4 points.

Close reading of Don Quijote and/or the Novelas ejemplares, supplemented by critical and historical texts. Topics: madness and desire, authorship, seductions and dangers of reading, the status of representation, the relation between history and truth, the Inquisition, Spanish imperialism, the New World, and the Morisco expulsion.

**Spanish Theatre**

SPAN-UA 463  Formerly SPAN-UA 450. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Topico, Sierra Mattute. 4 points.

The representation and presence of race, gender, sexuality, and power in early modern Spanish drama. Topics include: courtly and civic coronations, pageantry, and tournaments; depictions of the Renaissance underworld; short-skirt interludes; comedias nueva; African dances and blackface performance; cross-dressing and gender dissidence in Tirso de Molina and Sor Juana; celebrity and the stardom of actors; clothing, cosmetics, and stage props; and architecture, urban space, and cities.

**History of Spanish Art**

SPAN-UA 464  Formerly History of Spanish Art from 1890 to the Present (SPAN-UA 425). Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered every other year. Mendelson. 4 points.

Topics: the reception of the European avant-garde; “pure” vs. “social” art; history and myth in the construction of artistic styles; center and periphery;
and the role of academies, galleries, exhibitions, and cafés. Works by Gaudí, Picasso, Miró, Bunuel, Dalí, Tapies, Crónica, and Almodóvar.

**Barcelona**
SPAN-UA 465  Formerly Barcelona: Modern (Mediterranean) Metropolis (SPAN-UA 590). Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Mendelson. 4 points.
The city as home to famous artists, writers, filmmakers, musicians, and architects; as a model modern metropolis; and as the center of Catalan identity. Discussion of literature and the press, films, performance, and the visual arts.

**Islam in Spain**
SPAN-UA 466  Formerly SPAN-UA 333. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Pearce. 4 points.
Explores the key role Spain has played in the relationship between Islam and the West and the mutual influences between Spain and Morocco, from medieval Al-Andalus to present-day colonization, de-colonization, and immigration.

**Trans-Atlantic Avant-gardes**
SPAN-UA 468  Formerly Transatlantic Avant-gardes: Sites of Modernity (SPAN-UA 625). Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered every other year. Mendelson. 4 points.
A study of mobility, travel, and cultural transmission and exchange in the artistic and literary avant-gardes of the 20th century in Europe and the Americas.

**Muslim Spain: Literature and Society**
SPAN-UA 469  Formerly SPAN-UA 301. Prerequisite when taught in Spanish: completion of any SPAN-UA 300-level course; no prerequisite when taught in English. Offered periodically. Pearce. 4 points.
How literary texts functioned in this medieval society and can be read as reflections of social and historical concerns. Considers material and artistic evidence alongside the textual record. Topics: interactions between Jews, Christians, and Muslims; women and the family; multilingualism; concepts of kingship and just rule; depictions of heroism and vanity; religious observance and practice; and early forms of national identity.

**Structure and Variation**
SPAN-UA 470  Formerly Structure and Variation in the Spanish Language (SPAN-UA 230). Prerequisite: completion of any SPAN-UA 300-level course or permission of the department. Offered every other semester. Elorrieta. 4 points.
Sounds, sentence structure, word order, and word meaning and formation, with attention to situational and social variations. Combines analysis with an observational study of a language community.

**Senior Honors Seminar**
SPAN-UA 498  Formerly SPAN-UA 995. Offered in the fall. 4 points.

**Honors Thesis Seminar**
SPAN-UA 499  Formerly SPAN-UA 996. Offered in the spring. 4 points.
Cross-school minors offer students the opportunity to explore a number of non-liberal arts fields through structured coursework taken at other NYU schools. These minors, which are open to all students in the College of Arts and Science, are either partly or wholly composed of courses from schools such as NYU’s College of Global Public Health; Silver School of Social Work; Steinhardt School of Culture, Education, and Human Development; Stern School of Business; Tisch School of the Arts; Tandon School of Engineering; and Wagner School of Public Service.

Students interested in pursuing a cross-school minor are encouraged to view minor requirements and to contact a minor representative with any questions. Links to minor-specific pages and contact information can be found on the NYU cross-school minors website (nyu.edu/cross-school-minors). For additional advising support, CAS students should utilize the cross-school advising resources for the school that hosts the minor.

With the exception of courses taken for the completion of the cinema studies minor, all courses taken outside the College to complete cross-school minor requirements count toward the 16-point limit on coursework in other NYU divisions. Since many of these minors require 16 points of coursework outside the College, students are strongly encouraged to develop their course of study in consultation with a CAS adviser. Courses taken within the College (with a -UA suffix) to complete cross-school minor requirements will not count toward the 16-point limit. Students seeking additional non-CAS credits above the 16-point limit must speak with their academic adviser in the College Advising Center (726 Broadway, 7th floor; 212-998-8130).

With the exception of courses taken for the completion of a cinema studies minor, no courses taken in the other schools of NYU (whether for a cross-school minor or as electives) may count toward the 64 credits of CAS (-UA) courses that all CAS students are required to complete.

The minors offered by other NYU schools that are available to CAS students are listed on the NYU cross-school minors website (above). For further information about the business studies, child and adolescent mental health studies, cinema studies, law and society, and science and society minors, please consult the relevant sections of this Bulletin.

Please note that College of Arts and Science students may not declare a cross-school minor in a field of study that is offered in the College.
Preprofessional, Accelerated, and Specialized Programs

The Robert and Ellen Salant Prehealth Program

The prehealth program in the College of Arts and Science is appropriate for any student who plans to apply to allopathic or osteopathic medical, dental, veterinary, optometry, podiatry, or other health professional schools. To prepare for most four-year doctoral programs in the health professions, we recommend completion of the following courses: Principles of Biology I and II (BIOL-UA 11, BIOL-UA 12); Principles of Biology Laboratory (BIOL-UA 123), for students not majoring in biology; General Chemistry I and II with Laboratory (CHEM-UA 125, 126); Organic Chemistry I and II with Laboratory (CHEM-UA 225, 226); General Physics I and II with Laboratory (PHYS-UA 11, 12); Writing the Essay (EXPOS-UA 1), plus one elective in English or expository writing; Calculus I (MATH-UA 121) or its equivalent; and Biochemistry I (CHEM-UA 881) or its equivalent. Preparation for specific entrance exams may warrant the completion of additional coursework in the social sciences, specifically in the areas of psychology and sociology. Some professional schools may recommend or require additional courses, such as statistics, genetics, anatomy, or microbiology. Applicants are responsible for researching the specific entrance requirements of their target schools.

While prehealth students should strive to earn the best grades possible, schools of the health professions evaluate every aspect of a candidate’s background when making holistic admissions decisions.

Therefore, students are encouraged to pursue a major of heartfelt interest, to participate in extracurricular activities of their choosing, and to develop intellectual pursuits and hobbies outside their coursework.

Additionally, all prehealth students are very strongly encouraged to obtain work experience, whether as a paid employee or volunteer, in the area they would like to pursue. This practical experience allows students to make an informed career decision. Admissions committees expect applicants to understand and articulate the benefits and challenges of their chosen career, and to address their personal suitability for the vocation.

The College’s Preprofessional Advising Center (726 Broadway, 7th floor; 212-998-8160) has developed an extensive evaluation process through the Committee on Evaluations to Schools of the Health Professions. Students preparing to apply to schools of the health professions participate in the committee process during the academic year immediately preceding their summer application to schools of the health professions. Students are encouraged to keep in touch with Preprofessional Advising throughout their time at NYU so that they are aware of the procedures and deadlines for participating in the committee process. Applicants to schools of the health professions must have completed at least five of the required prehealth science courses while matriculated in an undergraduate degree program or our postbaccalaureate prehealth studies program within the past seven years at NYU in order to be eligible to engage in the committee process through the CAS Preprofessional Advising Center.

Students considering a career in the health professions are strongly urged to discuss their intentions with an academic adviser as early as possible. There is no prehealth major at the College, and the designation will not appear on a student’s transcript. Students complete the relevant prehealth courses in tandem with their major, College Core Curriculum, and minor (if any) requirements, and it is this parallel structure that allows students to start or stop their prehealth coursework without impacting the completion of their degree.

While the Preprofessional Advising Center is located in the College of Arts and Science, preprofessional advisors frequently work with students from other NYU undergraduate divisions who wish to follow the prehealth curriculum. Detailed information about the undergraduate experience as a prehealth student, prerequisites for health professional schools, and the committee process is available on the Preprofessional Advising Center website, cas.nyu.edu/prehealth. Students can request appointments with a preprofessional advisor at cas.nyu.edu/preprof.
ACCELERATED/JOINT PROGRAM IN PREHEALTH

B.A./D.D.S. Program (with the College of Dentistry)

The B.A./D.D.S. program is a seven-year joint program between the College of Arts and Science and the College of Dentistry at New York University. It is designed for students who are certain that they would like to pursue a career in dentistry and earn their dental degree at NYU. Students admitted to the program typically have a GPA of 3.5 or higher.

Students are admitted to the program as incoming first-year students and engage in academic studies and cocurricular activities that will prepare them for the dental school curriculum. They spend the first three years of the program at the College of Arts and Science, where they complete the College Core Curriculum, the prehealth requirements, and an abbreviated biology major, for a total of 104 credits. Students must maintain a minimum GPA of 3.5, both overall and in the major, and must earn grades of B or higher in all courses required for the abbreviated biology major. Students are also expected to participate in the program’s cocurricular activities, which are designed to enhance their understanding of the dental profession; these activities include special lectures, field trips, and cultural functions.

During the fall of the third year, students in the B.A./D.D.S. program take the Dental Admission Test and submit a formal application to the College of Dentistry. Students enter the College of Dentistry in the fall of the fourth year and must maintain matriculation in the College of Arts and Science during their first year of dental school. For the B.A. degree to be awarded, an official copy of the first-year dental school transcript and a statement from the College of Dentistry indicating promotion to the second year of dental studies is forwarded to the associate dean for advising and student services in the College of Arts and Science’s Office of the Dean.

POSTBACCALAUREATE PREHEALTH PROGRAM

The NYU Postbaccalaureate Prehealth Studies Program is a certificate program that provides support to students interested in pursuing a career in the health professions. The program is designed for career-changer students who have already earned a bachelor’s degree, but have not yet taken some or all of the science courses required for admission to graduate study in medicine, dentistry, optometry, or select other health professions.

Students admitted to the postbaccalaureate program must have earned an undergraduate GPA of 3.0 or higher. Students are only eligible for the postbaccalaureate program if they plan to complete at least half of the prehealth science curriculum at NYU (minimum 24 credits). The postbaccalaureate curriculum is designed to be completed in two years, including summer courses, but completion time may vary depending on the student’s prior academic background and the student’s semester of entry into the program (e.g., fall or spring). The minimum time spent in our program is one academic year, and the maximum is three academic years.

Postbaccalaureate students are fully integrated into NYU’s community of undergraduates, attending courses alongside other students who are also committed to a prehealth education. They are taught by leading members of the Faculty of Arts and Science, who are known for their accessibility and student-centered teaching.

CAS postbaccalaureate students have full access to NYU’s staff of dedicated advisers located in the College’s Preprofessional Advising Center (726 Broadway, 7th floor). Postbaccalaureate students are also encouraged to attend the peer tutoring and group review sessions offered by the University Learning Center, which are free of cost.

In addition to the successful completion of prehealth coursework, postbaccalaureate students are expected to build a prehealth “portfolio” by pursuing clinical, research, and/or community volunteer opportunities outside the classroom to expand their knowledge of the healthcare industry. Students are encouraged to search for health-related opportunities, both on- and off-campus, through the weekly prehealth email newsletter and the Wasserman Center for Career Development.

Students who have successfully completed the NYU postbaccalaureate program have been admitted to a variety of prestigious medical and dental programs, including NYU, Yale, Columbia, Cornell, Pittsburgh, SUNY, Mount Sinai, and Albert Einstein.

Prospective students are invited to explore the program and review the NYU prehealth science curriculum at cas.nyu.edu/postbacc. Information sessions
about the postbaccalaureate program are held throughout the year to give prospective students an opportunity to meet with program staff and current postbaccalaureate students in a group setting. Please contact postbacc@nyu.edu with questions.

BARBARA AND EVAN CHESLER PRELAW PROGRAM

The College endorses the position of the American Bar Association that a single “best” preparation for law school cannot be recommended. As such, there is no prescribed prelaw curriculum, so prelaw students are free to choose from the wide variety of courses and programs offered at the College of Arts and Science.

Purpose of Prelaw Study

While the College does not require prelaw students to follow a specific academic curriculum, it does advise enrolling in courses that require extensive reading, research, and writing. The College Core Curriculum is excellent preparation for prelaw students, as it offers a rigorous and multidisciplinary foundation for advanced study in the humanities, social sciences, and natural sciences. The honors programs offered by several departments provide opportunities to complete substantial writing projects during the junior and senior years. No matter which major a student chooses, law schools value a well-rounded liberal arts education, so students should select their electives wisely. For example, the precision of methodology and thought required of students in mathematics, computer science, logic, and the natural sciences will aid in the development of analytic skills, while a background in the behavioral sciences and the humanities (politics, economics, history, literature, philosophy, anthropology, and sociology) will offer a deeper understanding of human institutions and values, as well as opportunities for critical thinking and writing.

Advising

The staff of the College’s Preprofessional Advising Center (726 Broadway, 7th floor; 212-998-8160) can advise students on general course selection, legal career exploration, participation in clubs and organizations, the timeline to apply to law school, selection of law schools, and other related topics. The office serves as a clearinghouse for dean’s certification forms, required by a number of law schools as part of their admissions process. The Lawyer Alumni Mentoring Program (LAMP) offers CAS sophomores, juniors, and seniors an opportunity to apply for one-on-one mentoring with experienced attorneys who are alumni of the College. Students should visit cas.nyu.edu/prelaw for more information.

Other Prelaw-Related Activities

The New York University School of Law, conveniently located across the Square from the College, sponsors many events open to the University community. The school’s proximity allows prelaw students to observe first-year law school classes and to meet and speak informally with students actively pursuing a law degree. The College also sponsors talks by guest speakers on law-related topics and arranges for representatives from various law schools to visit the College for information. In addition, the Wasserman Center for Career Development co-hosts events and panels open to the university’s prelaw community.

ACCELERATED AND JOINT OPTIONS LEADING TO GRADUATE OR SPECIALIZED DEGREES

NYU x NYU: College of Arts and Science Pathways (with the Stern School of Business and NYU School of Law)

To help CAS students leverage their liberal arts education in the pursuit of post-undergraduate professional preparation, CAS has partnered with several NYU graduate programs to create pathways to advanced degrees. These NYU x NYU pathways offer a streamlined application process as well
as scholarships unique to pathway applicants. Students are still eligible to apply to these graduate programs outside of these pathways. Please consult the appropriate description below for details about the advantages and conditions of a particular pathway; additionally, please visit the omnibus CAS Pathways site (cas.nyu.edu/pathways) for more information.

CAS-STERN PATHWAY

The CAS-Stern pathway offers CAS students the opportunity to apply to the Stern School of Business’s two-year, full-time MBA program with application fees waived and without a GMAT or GRE score.

CAS-Stern pathway applications are typically submitted in mid-June. To be eligible, applicants must:

• Have completed their CAS degree in the preceding academic year (e.g., to submit an application in June 2024, an applicant must have graduated in summer 2023, fall 2023/January 2024, or spring 2024).
• Have a final cumulative GPA of at least 3.5.
• Have graduated in good academic standing.

Students accepted to the CAS-Stern pathway will be required to defer their matriculation into the Stern MBA for two to five years, in order to gain valuable professional experience; at the end of their deferral, pathway students will be asked to submit an abbreviated version of the Stern application, verify their employment during the deferral, and pay all deposits/tuition expected of an incoming MBA student.

Upon matriculation into the MBA, pathway students will receive a one-time $10,000 Early Advancement Award applied towards their tuition costs and be eligible to apply for additional Stern scholarships.

For more information about application deadlines, policies, and requirements, please visit Stern’s NYU x NYU Pathways site (stern.nyu.edu/programs-admissions/full-time-mba/academics/nyuxnyu).

CAS-LAW PATHWAY SCHOLARSHIP (CLPS)

Highly qualified CAS juniors with a strong interest in a legal career and study at New York University School of Law have the option of applying to the CAS-NYU School of Law Pathway Scholarship (CLPS). This scholarship provides early assurance that students will matriculate into NYU Law’s J.D. program directly following the completion of their undergraduate degree and covers all tuition costs during their time at NYU Law. CLPS applicants will not need to provide LSAT, GRE, or other graduate-level standardized testing with their application.

The CLPS application process will typically take place in the spring semester. To be eligible, prospective applications must be a current CAS student and meet the following American Bar Association minimum requirements:

• Be in their sixth semester of undergraduate-level academic study.
• Intend to complete their undergraduate degree in the following academic year (fall or spring semester).
• Have a cumulative GPA of at least 3.5, and be in good academic standing.
• Have received ACT or SAT scores in the 85th percentile or higher prior to their matriculation into an undergraduate degree program.

The ideal applicant for this program will show academic achievement beyond these minimum requirements, a willingness to take on challenges, particularly through increasingly rigorous academic coursework, a demonstrated commitment to leadership and community engagement in and outside of the classroom, and a strong and specific interest in NYU Law. Accepted students are expected to commit to attending NYU Law after completion of their undergraduate degree, and not to submit any further law school applications.

For more information about the application components, timeline, and conditions, please visit the CAS-NYU Law Pathways Scholarship site (cas.nyu.edu/pathways/nyulaw).

Joint B.S./B.S. Program in Engineering (with the NYU Tandon School of Engineering)

Since the fall of 2010, the College’s dual degree program with the NYU Tandon School of Engineering, formerly known as the Polytechnic School of Engineering, has offered highly qualified and motivated students who are technically oriented the opportunity to pursue both a liberal arts program with a major in science, mathematics, or computer science and a traditional engineering program. The program is ideal for the student interested in science and engineering who is also eager for a liberal arts experience before entering an undergraduate engineering environment. Upon completion of this five-year program, students receive both a B.S. degree from the College of Arts and Science and a B.S. degree from the NYU Tandon School of Engineering. Students typically begin the program in the first semester of their first year. See the section on engineering in this Bulletin for details. For more information, students may consult the academic adviser for the dual B.S./B.S. program in...
the College Advising Center (726 Broadway, 7th floor; 212-998-8130) and visit cas.nyu.edu/engineering.

Accelerated Bachelor’s/ Master’s Track (with the Graduate School of Arts and Science)

The College of Arts and Science (CAS) and the Graduate School of Arts and Science (GSAS) offer students in many departments the opportunity to earn both the bachelor’s and master’s degrees in a shorter period of time and at less cost than is normally the case. Students may even be eligible to complete a master’s degree in a department different than that of their undergraduate major. Qualifying students are typically accepted towards the end of the sophomore year or during the junior year.

Students on the track must satisfy all requirements of both the bachelor’s and master’s degrees; there is no double-counting of courses. In order to complete the track in five years, students are required to complete at least a quarter of the graduate credits that are required for the master’s degree before earning the bachelor’s. This would mean at least eight graduate credits towards a 32-credit master’s program, or at least nine towards a 36-credit program. There are a few notable exceptions: as few as eight credits can be earned towards the 40-credit politics M.A. program, while nine and twelve credits are required towards the 32-credit economics M.A. and the 32-credit museum studies M.A., respectively. Students can earn additional graduate credits towards the master’s before they complete the bachelor’s, as their schedule permits.

Students in CAS and Global Liberal Studies (GLS) may apply to the track once they have completed a minimum of three semesters toward the bachelor’s degree (at least one semester in CAS is also required for transfer students), and prior to their final two undergraduate terms. To be eligible, students must have a minimum of two terms remaining in CAS or GLS (excluding January term) during which they are still working towards completion of undergraduate requirements. Students must have a minimum cumulative GPA of at least 3.0 to apply and, if admitted, to transition into GSAS.

Students must also satisfy any additional bachelor’s/master’s application prerequisite that may be set by their graduate program of interest. These may include a certain major GPA, declaration of the department’s undergraduate major or minor, completion of specified coursework, a relevant internship experience, or a meeting with the program director prior to application. Students interested in applying should carefully review the participating departments page of the bachelor’s/master’s program website (cas.nyu.edu/bachmast) to check for program-specific eligibility requirements.

Bachelor’s/master’s students who satisfy track requirements as undergraduates receive a scholarship covering 50% of master’s tuition and registration fees during the graduate school year. The scholarship is provided only after completion of the bachelor’s degree and upon matriculation into the Graduate School of Arts and Science (GSAS). It remains available for twelve months from the point of matriculation into GSAS, which is up to three consecutive terms. The bachelor’s/master’s scholarship is available to all students in the track, including international students, and it does not require an additional application.

Bachelor’s/master’s students are eligible for a 50% reimbursement for master’s coursework that they took during a summer undergraduate term or in excess of 18 credits in a fall or spring undergraduate semester. This reimbursement is available during the GSAS year and it supplements the 50% reduction of tuition and fees for new master’s coursework taken during that year. Beyond the 50% track scholarship, students may be eligible for additional forms of financial aid once they matriculate into GSAS.

Application guidelines and advising resources for this track are available on the bachelor’s/master’s track website (cas.nyu.edu/bachmast).

Accelerated BA/MS track in Clinical Research (with the College of Dentistry)

The College of Dentistry offers CAS students the opportunity to complete a master’s in clinical research in less time and at a reduced cost.

Students on the track must satisfy all requirements of both the bachelor’s and master’s degrees; there is no double-counting of courses. In order to complete the track in five years, students are required to complete at least six of the graduate credits that are required for the clinical research master’s degree before earning the bachelor’s.

Students in CAS may apply to the track once they have completed a minimum of three semesters toward the bachelor’s degree (at least one semester in CAS is also required for transfer students), and prior to their final undergraduate term. To be eligible, students must have a minimum of one term remaining in CAS (excluding January term) during which they are still working towards completion of undergraduate requirements. Students must have a minimum cumulative GPA of at least 3.3 to apply and, if admitted,
to transition into clinical research.

Application guidelines and advising resources for this track are available on the bachelor’s/master’s track website (cas.nyu.edu/bachmast).

**Accelerated B.A./M.A. Track in Bioethics (with the School of Global Public Health)**

The School of Global Public Health (GPH) offers CAS and GLS undergraduates the opportunity to complete a master’s in bioethics in less time and at a reduced cost.

Students on the track must satisfy all requirements of both the bachelor’s and master’s degrees; there is no double-counting of courses. In order to complete the track in five years, students are required to complete at least six of the graduate credits that are required for the bioethics master’s degree before earning the bachelor’s.

Students in CAS and Global Liberal Studies (GLS) may apply to the track once they have completed a minimum of three semesters toward the bachelor’s degree (at least one semester in CAS is also required for transfer students), and prior to their final two undergraduate terms. To be eligible, students must have a minimum of two terms remaining in CAS or GLS (excluding January term) during which they are still working towards completion of undergraduate requirements. Students must have a minimum cumulative GPA of at least 3.0 to apply and, if admitted, to transition into bioethics.

Bachelor’s/master’s students who satisfy track requirements as undergraduates receive a scholarship for 25% of master’s tuition and registration fees during the graduate school year. The scholarship is provided only after completion of the bachelor’s degree and upon matriculation into the bioethics master’s program, and covers 26 credits’ worth of tuition after matriculation. The bachelor’s/master’s scholarship is available to all students in the track, including international students, and does not require an additional application. Beyond the 25% track scholarship, students may be eligible for additional forms of financial aid once they matriculate into bioethics.

Application guidelines and advising resources for this track are available on the bachelor’s/master’s track website (cas.nyu.edu/bachmast).

**Accelerated Bachelor’s/ Master’s Teacher Education Programs (with the Steinhardt Department of Teaching and Learning)**

The College of Arts and Science (CAS) and the Steinhardt Department of Teaching and Learning offer dual degree programs that allow CAS students in selected majors to complete both their B.A. and an M.A.T. (Master of Arts in Teaching) in teacher education from the Steinhardt School of Culture, Education, and Human Development. Students admitted to one of the B.A./M.A.T. teacher education programs can, with careful planning, earn both degrees at less cost and in less time than is normally the case. These dual degree programs combine the benefits of a broad liberal arts education at the undergraduate level with a professional education at the graduate level. All programs qualify graduates for initial certification as a teacher in grades 7 through 12 (with options for grades 5-6) in New York State and most states around the country.

At this time, CAS and Steinhardt offer the following dual degree teacher education programs:

- B.A. in English/M.A.T. in transformational teaching in middle and high school, with a concentration in teaching English (grades 7-12)
- B.A. in history/M.A.T. in transformational teaching in middle and high school, with a concentration in teaching social studies (grades 7-12)
- B.A. in mathematics/M.A.T. in transformational teaching in middle and high school, with a concentration in teaching mathematics (grades 7-12)

Students admitted to a bachelor’s/master’s teacher education track complete up to 12 graduate credits in teacher education as regular electives during their junior and/or senior years. Students may view required courses for their particular track by visiting Steinhardt’s accelerated B.A./M.A.T. teacher education program website (steinhardt.nyu.edu/teachlearn/dual) and may receive additional guidance from Steinhardt’s graduate student advisors (teachlearn.gradadvise@nyu.edu). Designated track courses taken as an undergraduate may count toward both the B.A. and M.A.T. degrees. After graduation and pending admission to Steinhardt, students who have completed the teacher education track as undergraduates can finish the remaining credits required for the M.A.T. degree in one additional year of study.

The application process for matriculated CAS students consists of two parts. Students first apply to the teacher education track in their major. To be eligible for consideration and admission to the track, a student must have an approved major (see above) and a cumulative GPA of at least 3.0. Students may apply to the track once they have completed a minimum of three semesters toward the bachelor’s degree (at least one semester in CAS is also required for transfer students), and prior to their final two undergraduate semesters. For formal admission to Steinhardt, CAS seniors must also submit the Steinhardt graduate application prior to graduating from CAS. Admission to the teacher education track does not guarantee
admission to Steinhardt.

Application guidelines and advising resources for this program are available on the bachelor’s/master’s program website (cas.nyu.edu/bachmast).

Accelerated B.A./M.P.A. and B.A./M.U.P. Programs (with the Robert F. Wagner Graduate School of Public Service)

New York University offers College of Arts and Science students the opportunity to use their undergraduate coursework to reduce the number of credits needed to complete a Master of Public Administration (M.P.A.) or Master of Urban Planning (M.U.P.) from the Robert F. Wagner Graduate School of Public Service. Students admitted to the B.A./M.P.A. or B.A./M.U.P. program can, with careful planning, earn their graduate degree in a shortened time and at less cost than normal. This program combines the benefits of a broad liberal arts education at the undergraduate level with a professional education at the graduate level.

CAS undergraduates in most but not all majors may apply to the B.A./M.P.A. track (new majors are added to the program as students express interest, but some majors are not suitable for inclusion in the program because of scheduling issues; consult the website below for details). Students choose between two programs in Wagner—either public and nonprofit policy and management, or health policy and management—and then further specialize within either program.

CAS undergraduates in any one of eight approved majors are eligible to apply to the B.A./M.U.P. track; the majors are economics, environmental studies, international relations, metropolitan studies, politics, public policy, sociology, and urban design and architecture. Students select an area of specialization within the urban planning program.

Bachelor’s-master’s student reduce their eventual master’s credit requirements in one of two ways:

- Complete undergraduate courses that will grant them a waiver for specific Wagner Core coursework (and the accompanying degree credits). Please consult cas.nyu.edu/bachmast/wagner for a full list of pre-approved equivalencies.

- Complete Wagner graduate coursework while still an undergraduate, and double-count these credits between their undergraduate and graduate degree requirements. Wagner graduate courses are selected in consultation with the assistant director of advising and student services in Wagner.

Participating students are able to use their undergraduate coursework to waive or complete a total of 21 of the 45 points required for the M.P.A. or M.U.P.

Admission to the B.A./M.P.A. or B.A./M.U.P. track is open to CAS students who have completed at least three semesters in the College with a cumulative GPA of 3.0 or higher (at least one semester in CAS is required for transfer students). For formal admission to Wagner, CAS seniors must also submit the Wagner graduate application prior to graduating from CAS; admission to the B.A./M.P.A. or B.A./M.U.P. track does not guarantee admission to Wagner.

Application guidelines and advising resources for this program are available on the bachelor’s/master’s program website (cas.nyu.edu/bachmast).

INTERNSHIPS

One defining characteristic of the New York University educational experience is the opportunity students have to apply their classroom learning to real-life experiences in a variety of professional and community-service settings. New York City provides such opportunities in abundance, and the College of Arts and Science and the University take full advantage of our location in the financial, cultural, scientific, and media capital of the world. Our alumni base, for example, encompasses every conceivable profession, and alumni give generously of their time to undergraduate students seeking experiential learning.

A recent survey by the University’s Wasserman Center for Career Development showed that 83 percent of graduating seniors in the College held a job or internship related to their field of interest during their undergraduate years. Many different types of opportunities are available to students; some are paid, some are volunteer positions, and some carry academic credit—and all of these can be valuable. For the purpose of securing and making the most of such opportunities, students should consider the following criteria as a guide. For further information, contact the Wasserman Center for Career Development (133 East 13th Street, 2nd Floor; 212-998-4730). Career counselors are available by appointment and during drop-in hours at the Wasserman Center).
Paid Internships

Paid internships are the most common form of internship. Jobs related to a student’s professional interests provide pay for the work that students are doing for the organization. Many companies and organizations provide part-time jobs that allow students to gain experience and to network in the field, while at the same time helping to alleviate the financial burden of being a college student. (Please note: Some for-profit companies ask students to volunteer, but allow it only if the student can earn academic credit. Many of these so-called internships do not relate directly to a student’s academic work and might not be worthy of academic credit in a discipline. In these cases, the company should consider providing compensation for the work done by a student, thus making it a paid internship.)

Credit-Bearing Internships

A few departments offer academic internships that directly advance a student’s knowledge in the academic discipline and thus earn course credit. Such academic internships must be sponsored by an appropriate faculty member through an academic department and normally require close faculty supervision, significant academic research and writing in addition to the practical work experience, a reporting of findings, and a formal assessment of the student’s work. All such internships require permission of the department or program, and registration for them must be within the regular deadlines. Departments offering credit-bearing internships may restrict them to declared majors, since those students have the requisite background. Internship courses can be counted toward some majors but not toward others. Students should check relevant websites (and sections in this Bulletin) to learn more about the specific policies and procedures pertaining to credit-bearing internships in different CAS departments and programs.

Whether an internship is paid or unpaid has no bearing on whether or not it can be taken for CAS credit. However, the decision to sponsor and grant credit for an internship, or not, rests solely with each academic department of the College.

Academic credit for internships must be based solely on the academic work produced in the internship. No credit should be awarded merely for attending the internship, whether paid or unpaid. The College recommends 2-point internships for academic work of approximately 10 pages of writing plus adequate reading. In rare cases a student may earn 4 points; in these cases the academic work must be equivalent to that produced in a regular 4-point course.

State Law and Credit-Bearing Internships

Owing to recent changes in states’ laws governing out-of-state entities and their right to award credit for certain educational experiences, including internships, within state boundaries (known as “state authorization”), CAS can award credit for internships that take place in all U.S. states, districts, and territories, except for those noted at the University’s State Authorization Reciprocity Agreement (SARA) webpage.

Internships Abroad

Whether a CAS student is able to participate in a for-credit internship outside the United States depends on many variables, including the student’s country of citizenship and local laws in the host country. Please seek advisement and preapproval from Office of Global Programs staff (global.internships@nyu.edu) and the director of undergraduate studies in your department before undertaking a non-U.S. internship.

Independent Study

In some CAS departments, independent study that draws on the activity or environment of the internship may be a possibility. Like a credit-bearing internship, independent study requires a proposal by the student, careful guidance from a faculty member, and a body of work that can be evaluated for course credit.
Arts & Science Summer and Winter Programs

For information on all NYU summer programs, visit nyu.edu/summer.

For information on all NYU winter programs (the January term), visit nyu.edu/winter.

Students may meet with an adviser in the College Advising Center, 726 Broadway, 7th floor (212-998-8130) to discuss summer or January course selection. Students with a declared major/minor are required to see their department adviser for summer or winter registration approval and for advice on which courses, if any, may count toward major/minor requirements. In all cases, students need an adviser’s approval (“clearance”) for their summer or January term course selection and registration, just as they do for the fall and spring terms.

JANUARY TERM

The College of Arts and Science offers a selection of courses during the three-week January term held at the Washington Square campus. These shorter-format courses allow students to focus intensively on specific academic interests. January term courses also take advantage of the many cultural resources New York City has to offer to enhance the classroom experience. Recent winter course offerings include: Creative Writing: Introduction to Fiction and Poetry; Cinema and Urbanism; and Music of New York. Please visit nyu.edu/winter for more information.

SUMMER AT WASHINGTON SQUARE

The College of Arts and Science offers a full range of courses in the summer. Over 400 Arts and Science courses are given on campus in the summer, in subjects ranging from social sciences to natural sciences to humanities. Qualified students may also enroll in courses open to undergraduates in the Graduate School of Arts and Science. The summer program is divided into two six-week sessions, and students may register for one or both sessions. Please visit nyu.edu/summer.

Students from other colleges and universities may apply to participate as visiting students for the summer session, provided they have the proper prerequisites for the courses they wish to take. Application and deadline information may be found at nyu.edu/admissions/visiting-students/apply.

First-year and transfer students who have been accepted for the fall term at NYU may register for courses during the summer sessions. Interested students should contact the Office of Undergraduate Admissions to begin the process for enrolling in summer courses. They will then be referred to the College Advising Center for advisement and clearance. Students may pursue summer housing opportunities at housing.nyu.edu/summer.

SUMMER AWAY

The College of Arts and Science (CAS) runs several summer abroad programs. Most programs are six weeks in duration; there are also three- and four-week programs. Led by a member of the distinguished Faculty of Arts and Science, each program allows students to pursue specific academic goals in the study of disciplines including, art, architecture, history, politics, language, mathematics, or literature. Co-curricular events and group excursions are an integral part of
each program. Program availability may vary from year to year. Admissions and curriculum information is available at nyu.edu/summer/abroad/cas. A priority application deadline is specified for each program. Since some programs fill very quickly, applying early is crucial.

CAS summer abroad programs may include:

• Summer in Athens
• Summer in Brazil
• Summer in Dublin
• Writers in Florence
• Urban Design in London
• Writers in Paris

For full details on all CAS summer programs, please consult nyu.edu/summer/abroad/cas.

Other Summer Away Opportunities

NYU also offers many other school-based and university-wide summer abroad programs. Please consult nyu.edu/academics/studying-abroad/summer-abroad for more information.

CAS DEAN’S OPPORTUNITY FUND

The College of Arts and Science offers need-based financial assistance for CAS students admitted to any NYU-sponsored summer study away program. Please consult cas.nyu.edu/content/nyu-as/cas/funding-opportunities/deans-opportunity-fund for application details and deadlines.
New York University Study Away

A College of Arts and Science student may submit an interest form to study away for one semester or a full academic year at NYU Abu Dhabi or NYU Shanghai (degree-granting portal campuses); at an NYU global academic center; or through NYU’s international exchange program. Students may contact the Office of Global Programs (383 Lafayette Street, New York, NY, 10003-4170; 212-998-4433; nyu.edu/studyaway) for information on study away options. For specific details about summer study away, visit nyu.edu/summer/abroad/cas.

All CAS students must consult their academic adviser in the College Advising Center (726 Broadway, 7th floor; 212-998-8130), or, if they have already declared a major, in their department, for detailed and tailored advice and approval of a specific course of study away from Washington Square. Before students can register for study away courses, their adviser must sign off on the course work they will complete.

Note. Some study away courses bearing the suffixes –UH (NYU Abu Dhabi) and –SHU (NYU Shanghai) are approved not to count against each CAS student’s 16-point allowance in the other schools of NYU. In addition, some of these courses are also approved to count toward a CAS major or minor, either as a course equivalent or as a major/minor elective. Students should check with their adviser and view course descriptions at the NYU Abu Dhabi and NYU Shanghai websites.

However, no –UH or –SHU courses can count toward the 64 credits that internal or external transfer students are required to complete in CAS (–UA) courses, even if they are accepted toward a CAS major or minor.

Students interested in studying away must submit an online interest form at nyu.edu/studyaway. Please note the fall and spring semester application deadlines at this website. Students are encouraged to plan ahead and apply early, as some programs fill quickly. Students should confirm their eligibility to participate at the Global Programs Office web page.

Requests are processed and reviewed by the Office of Global Programs, as well as by the Office of the Associate Dean for Students in CAS. In some cases, a study away program may not be appropriate for a student due to issues with academic and disciplinary standing and/or progress to degree. Notification letters are sent directly to the applicant with instructions for registration and obtaining a student visa; pre-departure arrangements; and orientation information.

CAS students who wish to study away in a non-NYU program must petition the Office of the Associate Dean for Students in writing and give an academic justification for choosing the program. These students must work closely with their CAS and departmental advisers to plan the courses they will take while studying away. After the petition is reviewed, the student will receive notification of the decision. For further information, contact the Office of the Associate Dean for Students (726 Broadway, 7th floor; 212-998-8140).

STUDY AWAY OPTIONS THROUGH NEW YORK UNIVERSITY

CAS students may spend a semester or academic year away at NYU’s degree-granting portal campuses as a visiting student (please consult the portals’ websites for further information):
- NYU Abu Dhabi
- NYU Shanghai

They may also choose to study away for a semester or more at one of NYU’s global academic centers (please consult nyu.edu/studyaway for further information):
- NYU Accra
- NYU Berlin
- NYU Buenos Aires
- NYU Florence
- NYU London
- NYU Los Angeles
- NYU Madrid
- NYU Paris
- NYU Prague
- NYU Sydney
- NYU Tel Aviv
- NYU Washington, DC
INTERNATIONAL STUDENT EXCHANGES

College of Arts and Science students may study away for a semester or an academic year at outstanding universities in other countries through exchange partnerships arranged between NYU and select institutions. Many of the universities in the NYU International Exchange Program offer courses in English, while some require fluency in the language of the host country.

For an up-to-date list of the exchange partners and to learn more about course offerings, language requirements, and application process, visit nyu.edu/global-programs/exchange.

Europe

- Bocconi University (Milan, Italy; preference given to CAS economics majors)
- Freie University (Berlin, Germany)
- Trinity College (Dublin, Ireland)
- University of Amsterdam (the Netherlands)
- University of Copenhagen (Denmark)
- University of Stockholm (Sweden)
- University of Vienna (Austria)

Latin America

- Pontifical Catholic University of Chile (Santiago, Chile)

Asia

- Nagoya University (Nagoya, Japan)
- Waseda University (Tokyo, Japan)
- Yonsei University (Seoul, S. Korea)

CAS students who enroll through the exchange program remain matriculated at NYU, pay NYU tuition, and receive financial aid as if they were attending classes at Washington Square. Students may only apply for the exchange after consulting with, and receiving the approval of, their academic adviser. For further information, please consult nyu.edu/global-programs/exchange and contact the College of Arts and Science Advising Center, 726 Broadway, 7th floor; 212-998-8130. Students may also send queries to global.outgoing.exchanges@nyu.edu.

CAS DEAN’S OPPORTUNITY FUND

The College of Arts and Science offers need-based financial assistance for CAS students admitted to any NYU-sponsored summer study away program. Please consult cas.nyu.edu/content/nyu-as/cas/funding-opportunities/deans-opportunity-fund for application details and deadlines.
Admission
(Including Advanced Standing Credit by Examination)

This section of the College of Arts and Science Bulletin is primarily intended for our matriculated students. It outlines crucial policies on transfer credit and also provides detailed information on Advanced Placement, International Baccalaureate, and other officially approved examinations that may be used (subject to restrictions noted below) to apply advanced standing credit to one’s NYU transcript and program of study. In some cases, the credits earned from these examinations can be used to satisfy various College Core Curriculum and/or major and minor requirements.

Students who intend to apply to, or are in the process of applying to, the College of Arts and Science should consult the website of the Office of Undergraduate Admissions and/or contact that office directly (see above). That website provides information for applicants, both those applying as first-year and transfer students, that includes but is not limited to:

• Application forms, procedures, and deadlines, including early decision.
• Required standardized testing.

COLLEGE CREDITS TAKEN IN SECONDARY SCHOOL BY FIRST-YEAR MATRICULANTS IN CAS

Credit may be awarded to students who completed college courses while in high school (credits from either a community college or a four-year college or university are acceptable), provided that: they received a grade of B or better in the courses; an official transcript from the college or university is received; and corresponding courses are offered at NYU. These courses must be taken on a college/university campus with college/university students, and must be taught by a college/university faculty member; college courses taught in high schools by secondary school instructors are not acceptable. Also note that NYU and the College do not grant any credit for college courses that were used to satisfy high school graduation requirements.

TRANSFER STUDENT MATRICULANTS IN CAS

External Transfer Students

When an external transfer applicant is admitted to the College, the applicant’s official college transcript(s) is (are) examined carefully to determine how much, if any, advanced standing will be granted. In granting advanced standing the following are considered: the content, complexity, and grading standards of courses taken elsewhere; individual grades and grade averages attained by the applicant; the suitability of courses taken elsewhere for the program of study chosen at NYU; and the degree of preparation that completed courses provide for more advanced study in the College. Credits (points) toward the
degree are awarded only for transfer course grades of C or better, provided that: (1) the credits integrate into the selected program of study and (2) the courses were completed within the past ten years.

Quarter hours will be converted to semester hours to determine the number of credits transferable to NYU. Credits based on semester hours will be transferred at face value to NYU.

External transfer students must fulfill the residency requirement. All degree candidates are subject to the following residency requirement: They must complete at least 64 consecutive points of course work in residence at the College immediately preceding the date of graduation, and are permitted to transfer a maximum of 64 credits to NYU. (The CAS baccalaureate degree requires 128 points.) Only courses coded as UA (and, in some cases, GA) count toward the 64-point residency requirement; courses taken in other NYU units or at NYU portal campuses do not count as residency, but do count toward the baccalaureate degree.

A tentative statement of advanced standing is provided to each external transfer student upon notification of admission to the College. A final statement of advanced standing is provided during the student’s first semester of matriculation. Requests for reevaluation of transfer credit must be made within the semester during which the final statement of advanced standing is received. Thereafter, a student’s advanced standing credits may be changed only with the written permission of the CAS Office of the Dean.

**Internal Transfer Students**

Students who wish to transfer from one school to another within the University must file an internal transfer application online prior to the published application deadline (see nyu.edu/admissions/undergraduate-admissions for deadlines). Internal transfer applications can be submitted via the Albert portal online. Students may apply for an internal transfer no sooner than the start of their second consecutive semester of full-time study, i.e., students must complete their first year in the NYU school where they accepted the offer of admission and matriculated. The latest semester in which one can apply for an internal transfer admission is the end of the second year of study at NYU, i.e., the latest students can begin their study at a new NYU school or portal campus is the first semester of their junior year. Typically, applications to transfer between NYU schools, colleges, or campuses are not accepted during or after the junior year. In addition, students are rarely permitted to transfer between NYU schools when their intended major (or a similar major) is already offered in their current school.

**READMISSION OF FORMER CAS STUDENTS**

To remain formally matriculated in the College, students who are not enrolled in courses must apply for and be granted an official leave of absence. Students who are neither enrolled in courses nor on an approved leave of absence in the fall and/or spring terms are no longer matriculated in the College and must apply for readmission; they cannot simply enroll in the term following their unauthorized leave.

Applications for readmission and submission deadlines are available online at nyu.edu/admissions/undergraduate-admissions.

Students who have attended another college or university since their last attendance at New York University must complete the regular application for transfer admission and submit an official transcript.

**SAT SUBJECT EXAMINATIONS AND THE COLLEGE CORE CURRICULUM**

<table>
<thead>
<tr>
<th>SAT Subject Examination</th>
<th>Score</th>
<th>Core Requirement Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese</td>
<td>700 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>French</td>
<td>650 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>German</td>
<td>650 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>Hebrew (Modern)</td>
<td>700 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>Italian</td>
<td>650 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>Japanese</td>
<td>700 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>SAT Subject Examination¹</td>
<td>Score</td>
<td>Core Requirement Satisfied</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Korean²</td>
<td>700 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>Latin²</td>
<td>650 and up</td>
<td>Foreign language</td>
</tr>
<tr>
<td>Mathematics Level 1 or 2³</td>
<td>700 and up</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td>Spanish²</td>
<td>660 and up</td>
<td>Foreign language</td>
</tr>
</tbody>
</table>

1. No credit is awarded for any examination on this table. Some of the foreign language examinations are offered both with and without a listening component; Core exemption (and, if applicable, placement) scores are the same. Note: The College Board discontinued all subject exams as of January 2021 in the U.S. and after June 2021 internationally.

2. Scores in these languages may only be used for Core exemption, not for placement. Students who intend to register for any of these languages at NYU must take the CAS placement examination.

3. Scores in these languages may be used either for Core exemption or for placement in the proper level of study. Consult the website of the relevant CAS language department or the CAS Office of Academic Affairs, 726 Broadway, 7th floor; 212-998-8110. Spanish results over 18 months old cannot be used for placement.

4. A score of 650 or better on either mathematics subject examination places students into Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly MATH-UA 211) if they intend to register for these courses. An SAT general test mathematics score of 670 or higher also serves as a prerequisite for MATH-UA 121 and 131, but cannot be used for exemption from the Quantitative Reasoning requirement.

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**ADVANCED STANDING CREDIT BY EXAMINATION (INCLUDING INTERNATIONAL MATURITY EXAMINATIONS)**

The Advanced Placement (AP) Program (College Entrance Examination Board), the International Baccalaureate (IB) Program, and the results of some foreign maturity or leaving certificate examinations allow students to apply college-level, advanced standing credit toward the CAS baccalaureate degree, subject to the approval of the College. Any credits awarded must be compatible with the CAS liberal arts curriculum; e.g., no credit is awarded for examinations in studio art or business. Minimum scores and other policies are noted below, as well as course equivalencies (and applicability to CAS programs of study) that the College has approved.

The maximum number of credits allowed toward the degree requirements of the College that are a result of any possible combination of nonresident special examination programs (plus previous coursework, if applicable and approved) shall not exceed a total of 32.

Students cannot earn credit for the same subject matter in any combination of AP, IB, A Level, and/or other international exams. Note that advanced standing credit (whether AP or international) may be awarded for examinations in the subject of “English literature” or “English language and literature,” but is never awarded for any exam that is wholly in the subject of “English language.”

The AP program is detailed further below; the number of credits awarded per AP examination (for scores of 4 and 5 only) varies by subject area. This overview begins with international examinations.

### International Baccalaureate (IB) Program

The College recognizes, for advanced standing credit, higher-level (HL) examinations passed with grades of 6 or 7. No credit is granted for standard-level (SL) examinations. Official reports must be submitted to the Undergraduate Admissions Processing Center for review. See the chart below for details on creditable IB results (8 points per approved examination).

### Maturity Certificate Examinations

The College will consider the results of certain foreign maturity certificate examinations for advanced standing credit. They are:

- A Levels and Cambridge Pre-U
- Caribbean Advanced Proficiency Examination (CAPE)
- French Baccalauréat
- German Abitur
- Italian Maturità
- Federal Swiss Maturity Certificate

CAS does not award credit for any other maturity certificate examinations.

Official reports must be submitted to the Undergraduate Admissions Processing Center. These documents will be added to the student record, but advanced standing credit for all examinations other than AP and IB will be awarded by the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

See the chart below for details on creditable A Level and Cambridge Pre-U test scores (8 points per approved examination).
examination). The other international maturity examinations accepted by the College also award 8 points each. Minimum scores for receiving credit are:

- A Levels: B
- Cambridge Pre-U: M2
- CAPE: II (out of VII)
- French Baccalauréat: see note
- German Abitur: 10 (out of 15). Credit is only awarded for written exams (schr.), not for oral (mdl.)
- Italian Maturità: 90 (out of 100)**
- Swiss Matura: 4.5 (out of 6)

*Note on the French Baccalauréat: for students who completed their secondary education under the old examination system, the minimum grade for receiving credit is 12 (out of 20) with a coefficient of 5 or higher. For students who completed or will complete their secondary education under the new Baccalauréat examination system (which was first offered to students who completed their secondary education in 2021), the College awards credit as follows:

- The minimum creditable grade remains 12 (out of 20), but minimum coefficients vary by examination. The below are required examinations in the new Baccalauréat system.
- French Literature: students must present a score of at least 12 and a coefficient of at least 5 on both the written and oral components to earn 4 elective credits toward the undergraduate degree (and to satisfy the Core foreign language requirement). The subject matter is at the FREN-UA 11# level, but there is no course equivalency.
- Philosophy: the minimum creditable coefficient is always 8. Students who earn a score of 12 or 13 are awarded 4 elective credits toward the degree (no course equivalency). Students who earn a score of 14 through 20 are awarded 4 points equivalent to Central Problems in Philosophy (PHIL-UA 1), and should consult the Department of Philosophy if they are interested in a major or minor in this subject.
- Two subject area examinations (spécialités), chosen by students and taken in the final year: the minimum creditable score on each examination is 12, and the minimum creditable coefficient for each is 16. Each specialty test awards 8 elective credits toward the degree (16 total) with no course equivalencies. No credits are awarded for a spécialité examination taken in the penultimate year of secondary schooling. The only exceptions for course equivalencies and credits are in mathematics, as follows:

○ The regular examination in mathematics awards 4 points equivalent to Calculus I (MATH-UA 121) and 4 points of elective credit (no course equivalency) toward the degree.
○ Students who take both the regular examination in mathematics and the examination in maths expertes in the final year earn 4 points equivalent to Discrete Mathematics (MATH-UA 120) and 4 points equivalent to Calculus I (MATH-UA 121). They do not receive 16 spécialité points (8 for each examination).
○ Credits for these examinations satisfy Quantitative Reasoning in the Core.
- Students majoring in economics cannot use these credits for any or all of the Mathematics for Economics I, II, III sequence (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213).
- Consult the website of the Department of Mathematics for information on course placement, which may possibly be considered for non-creditable scores. (Details are forthcoming.)

** Policy on the Italian Maturità: students must earn a 90 or higher on the final Maturità exam to be considered for advanced standing credit. Credit is awarded on the basis of scores on part one (a test of written Italian) and part two (one subject tested in depth, which rotates from year to year). Each of these two sections can award 4 points, with a minimum score requirement of 13 (out of a possible 15). Neither part three of the written test nor the oral portion of the exam awards any points.

ADVANCED PLACEMENT PROGRAM

The College participates in the Advanced Placement (AP) Program of the College Entrance Examination Board. In accordance with New York University policy, students may receive college credit toward their degree for test results of 5 or 4, depending on the subject examination.

The College awards AP credit in liberal arts subjects that correspond to the disciplines taught in CAS, and the College’s academic departments and programs regularly review and make final decisions on acceptance of AP credits—in some cases with the review and approval of the CAS Committee on Undergraduate Curriculum. Some AP exams are deemed the equivalent of specific CAS courses and are approved for credit.
to count toward the College’s majors and minors. Other exams do not have a specific course equivalent and cannot apply toward a major or minor, but award elective credit that students can count toward the 128 points required for the baccalaureate degree. In many cases, students receiving credit toward their degree are advised not to take the corresponding college-level course for credit. If they do, they will lose the AP credit. See the chart further below for details on creditable AP test scores. The chart immediately below also lists those AP examinations for which College Core Curriculum exemptions are granted. Please note that the process of departmental and faculty review and approval in the previous paragraph applies to all advanced standing credit by examination in the College.

ADVANCED PLACEMENT CREDIT AND THE COLLEGE CORE CURRICULUM

Note: a 4 or 5 on any foreign language AP satisfies the Core language requirement.

<table>
<thead>
<tr>
<th>AP Examination</th>
<th>Score</th>
<th>Core Requirement Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>4, 5</td>
<td>Physical Science and Life Science</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4, 5</td>
<td>Physical Science and Life Science</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>4, 5</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Mathematics AB</td>
<td>4, 5</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td>Mathematics BC</td>
<td>4, 5</td>
<td>Quantitative Reasoning</td>
</tr>
<tr>
<td>Physics 1 or Physics 2</td>
<td>4, 5</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Physics 1 and Physics 2</td>
<td>4, 5</td>
<td>Physical Science and Life Science</td>
</tr>
<tr>
<td>Physics C—Mech. and Physics C—E&amp;M</td>
<td>4, 5</td>
<td>Physical Science and Life Science</td>
</tr>
<tr>
<td>Physics C—Mech.</td>
<td>4, 5</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Physics C—E&amp;M</td>
<td>4, 5</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Statistics</td>
<td>4, 5</td>
<td>Quantitative Reasoning</td>
</tr>
</tbody>
</table>

ADVANCED PLACEMENT EQUIVALENCIES

| Art History                           | 4     | No course equivalent                        |
| Art History                           | 5     | ARTH-UA 101                                  |
| Biology                               | 4, 5  | BIOL-UA 11, 12a                              |
| Calculus AB                           | 4, 5  | MATH-UA 121                                  |
| Calculus BC                           | 4     | MATH-UA 121                                  |
| Calculus BC                           | 5     | MATH-UA 121, 122                            |
| Chemistry                             | 4, 5  | CHEM-UA 125, 126                            |
| Chinese Language and Culture          | 4, 5  | EAST-UA 204                                  |
| Computer Science A                    | 4, 5  | CSCI-UA 101                                  |
| Computer Science Principles           | 4, 5  | No course equivalent                         |
| English Literature                    | 4, 5  | No course equivalent                         |
| English Language                      | -     | No course equivalent                         |
| Environmental Science                 | 4, 5  | No course equivalent                         |
| European History                      | 4, 5  | No course equivalent                         |
| French Language and Culture           | 4, 5  | FREN-UA 30                                  |
| German Language and Culture           | 4, 5  | GERM-UA 411                                 |
| Human Geography                       | -     | No course equivalent                         |
| Italian Language and Culture          | 4, 5  | ITAL-UA 12                                  |
| Japanese Language and Culture         | 4, 5  | EAST-UA 250                                 |
### ADVANCED PLACEMENT EQUIVALENCIES

<table>
<thead>
<tr>
<th>AP Examination</th>
<th>Score</th>
<th>Points</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latin</td>
<td>4, 5</td>
<td>4</td>
<td>CLASS-UA 6(^2)</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>4, 5</td>
<td>4</td>
<td>ECON-UA 1(^{13})</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>4, 5</td>
<td>4</td>
<td>ECON-UA 2(^{13})</td>
</tr>
<tr>
<td>Music Theory</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{14})</td>
</tr>
<tr>
<td>Physics 1</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{15})</td>
</tr>
<tr>
<td>Physics 2</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{16})</td>
</tr>
<tr>
<td>Physics C—Mech</td>
<td>4, 5</td>
<td>5 or 3</td>
<td>PHYS-UA 11 or PHYS-UA 91(^{17})</td>
</tr>
<tr>
<td>Physics C—E&amp;M</td>
<td>4, 5</td>
<td>5 or 3</td>
<td>PHYS-UA 12 or PHYS-UA 93(^{18})</td>
</tr>
<tr>
<td>Politics (U.S. Gov’t and Politics)</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{19})</td>
</tr>
<tr>
<td>Politics (Comp. Gov’t and Politics)</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{20})</td>
</tr>
<tr>
<td>Psychology</td>
<td>4, 5</td>
<td>4</td>
<td>PSYCH-UA 1</td>
</tr>
<tr>
<td>Spanish Language and Culture</td>
<td>4, 5</td>
<td>4</td>
<td>SPAN-UA 4(^{21})</td>
</tr>
<tr>
<td>Spanish Literature and Culture</td>
<td>4</td>
<td>4</td>
<td>SPAN-UA 50 (formerly 100)(^{22})</td>
</tr>
<tr>
<td>Spanish Literature and Culture</td>
<td>5</td>
<td>4</td>
<td>SPAN-UA 50 (formerly 100) or above(^{23})</td>
</tr>
<tr>
<td>Statistics</td>
<td>4, 5</td>
<td>4</td>
<td>PSYCH-UA 10(^{24}, 25)</td>
</tr>
<tr>
<td>Studio Art</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>U.S. History</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{26})</td>
</tr>
<tr>
<td>World History</td>
<td>4, 5</td>
<td>4</td>
<td>No course equivalent(^{27})</td>
</tr>
</tbody>
</table>

1. Students cannot earn credit for the same subject matter in any combination of AP, IB, A Level, and/or other international exams. No credit is awarded for the AP Seminar and Research courses in the AP Capstone program.
2. Does not count towards the major or minor in art history or exempt students from ARTH-UA 10.
3. Students who major in art history are exempt from ARTH-UA 10, and the AP credit counts as one course for the major. AP credit never counts toward the minor. Prior to fall 2021, the AP equivalency was for ARTH-UA 1 and 2.
4. Prehealth students cannot use AP credits to place out of BIOL-UA 11, 12. Students who are not prehealth can apply these credits towards majors and minors in the Department of Biology.
5. Students who score below a 4 on the Calculus BC exam but earn a 4 or 5 on the AB subscore are awarded 4 points, equivalent to MATH-UA 121. Economics majors cannot use AP credit in calculus for any or all of the Mathematics for Economics I, II, III sequence (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213).
6. Does not count toward any majors or minors in the Departments of Biology and Chemistry, and cannot serve as a co- or prerequisite to any course in either department. Prehealth students cannot use AP credits to place out of CHEM-UA 125, 126/127, 128. Not equivalent to CHEM-UA 129, which is taught at a higher level than the AP course.
7. AP credits in Chinese and Japanese satisfy the Core requirement in foreign language but cannot be used for placement in the correct level of study. Students who plan to register for Chinese or Japanese at NYU must take the CAS placement exam. Credits cannot be applied to the East Asian studies major or minor.
8. Does not count toward any major or minor in computer science.
9. Satisfies Physical Science in the College Core Curriculum. Credit does not count toward the major or minor in environmental studies.
10. Credit can count as an elective toward the history major but not toward the history minor. No more than 4 AP credits can be applied toward the major.
11. Credit does not reduce the number of courses required for the German major.
12. Students wishing to continue Latin must consult the classics department for proper placement. AP credit will not reduce the number of courses required for the major or minor.
13. AP credit in economics satisfies the ECON-UA 1 and 2 requirements of: the major and minor in economics; the major in international relations; and the minor in business studies.
14. Counts as elective credit toward the baccalaureate degree, but the credits do not count toward the music major or minor.
15. Students may receive credit for both Physics 1 and 2 (algebra-based) or for both of the Physics C (calculus-based) exams. They cannot receive credit for two exams that duplicate material (e.g., Physics 2 and Physics C: Electricity and Magnetism). Prehealth students cannot use AP credits to place out of PHYS-UA 11, 12. Physics 1 and/or 2 do not count toward any majors or minors in the Department of Physics. Potential physics majors may discuss their Physics C credits with that department for possible placement out of PHYS-UA 91 and 93 (but not out of the associated labs PHYS-UA 71 and 72). Physics majors granted this exemption are required to take one or more additional advanced PHYS-UA electives. Students who are not prehealth may apply Physics C credits toward one or both semesters of the Department of Chemistry’s General Physics I and II requirement.
16. Students may count eight AP points (the equivalent of two courses) toward the politics major and four AP points (the equivalent of one course) toward the minor. None of these credits can substitute for any specific departmental course or requirement (such as one of the core requirements); they simply count as generic POL-UA credit.
17. Students who are not native speakers and intend to continue studying Spanish are required to take the CAS online language placement exam to confirm placement into Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). Students who score less than 59 on the online test will be required to take Advanced Spanish Conversation (SPAN-UA 60; formerly SPAN-UA 101) before enrolling in SPAN-UA 50. On the first day of classes they will also take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the AP credit. AP scores over 18 months old cannot be used for placement. Students who are native speakers and intend to continue studying
Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.

18. Students who are not native speakers and intend to continue studying Spanish may register for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). On the first day of classes they will take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the AP credit. AP scores over 18 months old cannot be used for placement. Students who are native speakers and intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.

19. Students who intend to continue studying Spanish must first take a special, advanced language placement evaluation through the Spanish department (not the online placement or usual written exemption exam) and consult with the director of the Spanish language program (spanish.dlp@nyu.edu).

20. Satisfies the first semester of the psychology major’s statistics requirement and counts toward the major.

21. Does not count toward the majors in economics, international relations, or sociology, or toward the minor in business studies.

INTERNATIONAL BACCALAUREATE EQUIVALENCIES

<table>
<thead>
<tr>
<th>IB HL Examination</th>
<th>Score</th>
<th>Points</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis and Approaches (mathematics; first examined in 2021)</td>
<td>6</td>
<td>8</td>
<td>MATH-UA 121 (for 4 of the points)²⁴</td>
</tr>
<tr>
<td>Analysis and Approaches (mathematics; first examined in 2021)</td>
<td>7</td>
<td>8</td>
<td>MATH-UA 121 and MATH-UA 122²⁵</td>
</tr>
<tr>
<td>Applications and Interpretation (mathematics; first examined in 2021)</td>
<td>6, 7</td>
<td>8</td>
<td>MATH-UA 121 (for 4 of the points)²⁵</td>
</tr>
<tr>
<td>Arabic A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²²</td>
</tr>
<tr>
<td>Biology</td>
<td>6, 7</td>
<td>8</td>
<td>BIOL-UA 11, 12</td>
</tr>
<tr>
<td>Business and Management</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Chemistry</td>
<td>6, 7</td>
<td>8</td>
<td>CHEM-UA 125, 126/127, 128²³</td>
</tr>
<tr>
<td>Chinese A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>Chinese B</td>
<td>6, 7</td>
<td>8</td>
<td>EAST-UA 203, 204²⁴</td>
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<tr>
<td>Classical Greek</td>
<td>6, 7</td>
<td>8</td>
<td>CLASS-UA 9, 10</td>
</tr>
<tr>
<td>Computer Science</td>
<td>6, 7</td>
<td>8</td>
<td>CSCI-UA 101, 102²⁶</td>
</tr>
<tr>
<td>Dance</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Design Technology</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Economics</td>
<td>6, 7</td>
<td>8</td>
<td>ECON-UA 1, 2²⁷</td>
</tr>
<tr>
<td>English Literature A or English Language and Literature A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²⁸</td>
</tr>
<tr>
<td>Film</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>French A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>French B</td>
<td>6, 7</td>
<td>8</td>
<td>FREN-UA 11, 12</td>
</tr>
<tr>
<td>Geography</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>German A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>German B</td>
<td>6, 7</td>
<td>8</td>
<td>GERM-UA 3, 4</td>
</tr>
<tr>
<td>Global Politics</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²⁷</td>
</tr>
<tr>
<td>Hebrew A</td>
<td>6, 7</td>
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<td>No course equivalent²³</td>
</tr>
<tr>
<td>Hebrew B</td>
<td>6, 7</td>
<td>8</td>
<td>HBRJD-UA 3, 4</td>
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<tr>
<td>Hindi A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>History</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>Indonesian A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>Information Technology in a Global Society</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Italian A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>Italian B</td>
<td>6, 7</td>
<td>8</td>
<td>ITAL-UA 11, 12</td>
</tr>
<tr>
<td>Japanese A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>Japanese B</td>
<td>6, 7</td>
<td>8</td>
<td>EAST-UA 249, 250²⁶</td>
</tr>
<tr>
<td>Korean A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent²³</td>
</tr>
<tr>
<td>IB HL Examination</td>
<td>Score</td>
<td>Points</td>
<td>Course Equivalent</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------</td>
<td>--------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Korean B</td>
<td>6, 7</td>
<td>8</td>
<td>EAST-UA 256, 257&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Latin</td>
<td>6, 7</td>
<td>8</td>
<td>CLASS-UA 5, 6&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6, 7</td>
<td>8</td>
<td>MATH-UA 121 (for 4 of the points)&lt;sup&gt;11&lt;/sup&gt;</td>
</tr>
<tr>
<td>(discontinued; last examined in 2 020)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Persian A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Philosophy</td>
<td>6, 7</td>
<td>8</td>
<td>PHIL-UA 1 (for 4 of the points if a 7 is earned)&lt;sup&gt;16&lt;/sup&gt;</td>
</tr>
<tr>
<td>Physics</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Portuguese A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Portuguese B</td>
<td>6, 7</td>
<td>8</td>
<td>PORT-UA 3, 4&lt;sup&gt;2&lt;/sup&gt;</td>
</tr>
<tr>
<td>Psychology</td>
<td>6, 7</td>
<td>8</td>
<td>PSYCH-UA 1 (for 4 of the points)&lt;sup&gt;15&lt;/sup&gt;</td>
</tr>
<tr>
<td>Social and Cultural Anthropology</td>
<td>6, 7</td>
<td>8</td>
<td>ANTH-UA 1 (for 4 of the points)</td>
</tr>
<tr>
<td>Russian A</td>
<td>6, 7</td>
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</tr>
<tr>
<td>Russian B</td>
<td>6, 7</td>
<td>8</td>
<td>RUSSN-UA 3, 4&lt;sup&gt;2&lt;/sup&gt;</td>
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<tr>
<td>Spanish A</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Spanish B</td>
<td>6, 7</td>
<td>8</td>
<td>SPAN-UA 3, 4&lt;sup&gt;14&lt;/sup&gt;</td>
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<tr>
<td>Theater</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Turkish A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
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<tr>
<td>Urdu A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Vietnamese A or B</td>
<td>6, 7</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
</tbody>
</table>

1. Credit is only awarded for High Level (HL) exams, never for Standard Level (SL). Students cannot earn credit for the same subject matter in any combination of AP, IB, A Level, and/or other international exams.

2. IB HL 6, 7 in any foreign language satisfies the College Core Curriculum requirement. A language denoted as “B” was studied as a second language; one denoted as “A” is one’s native language, or a language in which one has near-native fluency. “B” language credits are intermediate level and “A” language credits are post-intermediate. Students with “A” language credits who intend to register for the language must first take the CAS placement exam or consult with the department.

2A. These subjects were examined for the first time in May 2021; they replace a. Mathematics (last examined in November 2020, now discontinued) and b. Further Mathematics (last examined in May 2020 and also discontinued). All satisfy the Core Quantitative Reasoning requirement. Students using a score of 7 on the Analysis and Approaches exam to enter Calculus III are advised to review polar coordinates and parametric equations. Students majoring in economics cannot use credits for any or all of the Mathematics for Economics I, II, III sequence (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213).

3. Students who intend to register for this language at NYU must take the CAS placement examination; the IB credits cannot be used for placement. Spanish IB scores over 18 months old cannot be used for placement.

3A. Students who are not native speakers and intend to continue studying Spanish may register for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). On the first day of classes they will take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the IB credit. IB scores over 18 months old cannot be used for placement. Students who are native speakers and intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dip@nyu.edu) to finalize placement.

4. Satisfies Physical Science and Life Science in the Core. Prehealth students cannot use IB credits to place out of BIOL-UA 11, 12. Students who are not prehealth should consult the Department of Biology about possibly counting these credits towards majors and minors in that department.

5. Satisfies Physical Science and Life Science in the Core. IB credit in chemistry will not count toward any majors or minors in the Departments of Biology and Chemistry, and cannot serve as a co- or prerequisite to any course in either department. Prehealth students cannot use IB Chemistry to place out of CHEM-UA 125, 126/127, 128. Not equivalent to CHEM-UA 129, which is taught at a higher level than in the IB program.

6. Students who intend to register for Chinese, Japanese, or Korean at NYU must take the CAS placement examination; the IB credits cannot be used for placement. IB credits cannot be applied to the East Asian studies major or minor.

7. Students who intend to register for ancient Greek or Latin at NYU must consult the classics department for proper placement. IB credit will not reduce the number of courses required for a classics major or minor.

8. Students planning a major or minor in computer science must consult with the department about proper placement and possible counting of IB credits towards departmental requirements.

9. IB credit in economics satisfies the ECON-UA 1 and 2 requirements of: the major and minor in economics; the major in international relations; and the minor in business studies.

10. No credit is awarded for any English B exam. Anglophone students are not permitted to take any English A examination.

11. Students may count eight IB points (the equivalent of two courses) towards the politics major and four IB points (the equivalent of one course) towards the minor. None of these credits can substitute for any specific departmental course or requirement (such as one of the core requirements); they simply count as generic POL-UA credit.

12. Credit can count as an elective toward the history major but not toward the history minor. No more than 4 of the 8 IB credits can be applied toward the major.

13. This subject was examined for the final time in November 2020; it has been replaced by a. Analysis and Approaches and b. Applications and Interpretation (both administered for the first time in May 2021). Satisfies the Core Quantitative Reasoning requirement. Students majoring in
economics cannot use credits for any or all of the Mathematics for Economics I, II, III sequence (MATH-UA 131, 132, 133; formerly MATH-UA 211, 212, 213). For Further Mathematics (last examined in May 2020 and now discontinued), students must consult with the Department of Mathematics for exact course equivalencies.

14. Satisfies Physical Science and Life Science in the Core. Cannot count toward any major or minor in the Department of Physics or the Department of Chemistry.

15. Majors and minors in psychology can use four of the points to exempt from PSYCH-UA 1 and to count as one of the ten courses required for the major or as one of the four courses required for the minor. The other four points cannot be applied towards the major or minor.

16. Students with a grade of 7 on this examination may apply 4 of the 8 points toward the philosophy major or minor as a required introductory course; a grade below that level does not count toward the major or minor as the equivalent of PHIL-UA 1.

### ADVANCED LEVEL (“A LEVEL”) EQUIVALENCIES (WITH PRE-U)\(^1, 2, 3\)

<table>
<thead>
<tr>
<th>A Level Examination</th>
<th>Score</th>
<th>Points</th>
<th>Course Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afrikaans</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Arabic</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^4)</td>
</tr>
<tr>
<td>Art, History of</td>
<td>B or higher</td>
<td>8</td>
<td>See note(^5)</td>
</tr>
<tr>
<td>Biology</td>
<td>B or higher</td>
<td>8</td>
<td>BiOL-UA 11, 12(^6)</td>
</tr>
<tr>
<td>Business</td>
<td>-</td>
<td>-</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Chemistry</td>
<td>B or higher</td>
<td>8</td>
<td>CHEM-UA 125, 126/127, 128(^7)</td>
</tr>
<tr>
<td>China Studies (English or Chinese)</td>
<td>-</td>
<td>-</td>
<td>No course equivalent(^8)</td>
</tr>
<tr>
<td>Chinese</td>
<td>B or higher</td>
<td>8</td>
<td>EAST-UA 203, 204(^9)</td>
</tr>
<tr>
<td>Classical Greek</td>
<td>B or higher</td>
<td>8</td>
<td>CLASS-UA 9, 10(^10)</td>
</tr>
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<td>Classical Studies</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^11)</td>
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<tr>
<td>Computer Science</td>
<td>B or higher</td>
<td>8</td>
<td>CSCI-UA 101, 102(^12)</td>
</tr>
<tr>
<td>Economics</td>
<td>B or higher</td>
<td>8</td>
<td>ECON-UA 1, 2(^13)</td>
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<tr>
<td>English Literature</td>
<td>B or higher</td>
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<td>No course equivalent(^14)</td>
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<tr>
<td>French</td>
<td>B or higher</td>
<td>8</td>
<td>FREN-UA 11, 12</td>
</tr>
<tr>
<td>Geography</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>German</td>
<td>B or higher</td>
<td>8</td>
<td>GERM-UA 3, 4</td>
</tr>
<tr>
<td>Government and Politics</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^15)</td>
</tr>
<tr>
<td>Hindi</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^16)</td>
</tr>
<tr>
<td>History</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Italian</td>
<td>B or higher</td>
<td>8</td>
<td>ITAL-UA 11, 12</td>
</tr>
<tr>
<td>Latin</td>
<td>B or higher</td>
<td>8</td>
<td>CLASS-UA 5, 6(^10)</td>
</tr>
<tr>
<td>Marathi</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Mathematics</td>
<td>B or higher</td>
<td>8</td>
<td>MATH-UA 121 (for 4 of the points)(^17)</td>
</tr>
<tr>
<td>Music</td>
<td>-</td>
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</tr>
<tr>
<td>Philosophy</td>
<td>B or higher</td>
<td>8</td>
<td>PHIL-UA 1 (for 4 of the points; only for a score of A)(^18)</td>
</tr>
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<td>Physics</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^19)</td>
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<tr>
<td>Portuguese</td>
<td>B or higher</td>
<td>8</td>
<td>PORT-UA 3, 4(^4)</td>
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<tr>
<td>Psychology</td>
<td>B or higher</td>
<td>8</td>
<td>PSYCH-UA 1 (for 4 of the points)(^20)</td>
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<tr>
<td>Religious Studies</td>
<td>B or higher</td>
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<td>No course equivalent(^21)</td>
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<tr>
<td>Russian</td>
<td>-</td>
<td>-</td>
<td>Contact department(^24)</td>
</tr>
<tr>
<td>Sociology</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^22)</td>
</tr>
<tr>
<td>Spanish</td>
<td>B or higher</td>
<td>8</td>
<td>SPAN-UA 3, 4(^44)</td>
</tr>
<tr>
<td>Statistics</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^23)</td>
</tr>
<tr>
<td>Tamil</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Telugu</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent</td>
</tr>
<tr>
<td>Urdu</td>
<td>B or higher</td>
<td>8</td>
<td>No course equivalent(^4)</td>
</tr>
</tbody>
</table>
1. Students cannot earn credit for the same subject matter in any combination of AP, IB, A Level, and/or other international exams. No credit is awarded for Advanced Subsidiary (AS) Level examinations or for the Seminar and Research courses in the AP/Cambridge Capstone program. In Singapore, only A Level examinations designated as H2 or H3 can receive credit. H3 credit is subject to review and is generally awarded only if student does not have H2 credit in same subject. No student may earn credit for H2 and H3 results in the same subject.

2. CAS awards 8 credits for many of the Cambridge Pre-U examinations in liberal arts and science subjects that parallel the A Level offerings. The range of acceptable scores (lowest to highest) is: M2, M1, D3, D2, D1.

3. An A Level score of B or higher, or a Pre-U score of M2 or higher, in any foreign language satisfies the College Core Curriculum requirement.

4. Students who intend to register for this language at NYU must take the CAS placement examination; the A Level/Pre-U credits cannot be used for placement.

4A. Students who are not native speakers and intend to continue studying Spanish may register for Advanced Spanish (SPAN-UA 50; formerly Advanced Grammar and Composition, SPAN-UA 100). On the first day of classes they will take an in-class exam to finalize proper course placement. This may result in dropping to a lower level and losing the A Level credit. A Level results over 18 months old cannot be used for placement. Students who are native speakers and intend to continue studying Spanish will need to take a written assessment with the director of the language program (spanish.dlp@nyu.edu) to finalize placement.

5. A score of B on History of Art does not count toward the major in art history or exempt students from ARTH-UA 10; the 8 points are electives in ARTH-UA that count toward the baccalaureate degree. A score of A exempts art history majors from ARTH-UA 10, and 4 of the 8 credits count as one course toward the major; the other 4 points are an ARTH-UA elective that counts toward the baccalaureate degree. A Level credits never count toward the minor. Prior to fall 2021, the A Level equivalency was for ARTH-UA 1 and 2.

6. Satisfies Physical Science and Life Science in the Core. Prehealth students cannot use A Level/Pre-U credits to place out of BIOL-UA 11, 12. Students who are not prehealth should consult the Department of Biology about counting these credits toward majors and minors in that department.

7. Satisfies Physical Science and Life Science in the Core. A Level/Pre-U credit in chemistry will not count toward any majors or minors in the Departments of Biology and Chemistry and cannot serve as a co- or prerequisite to any course in either department. Prehealth students cannot use A Level/Pre-U Chemistry to place out of CHEM-UA 125, 126/127, 128. Not equivalent to CHEM-UA 129.

8. No credit is awarded for China Studies, as part of the final assessment/grade is an independent study/research paper.

9. Students who intend to register for Chinese at NYU must take the CAS placement examination; the A Level/Pre-U credits cannot be used for placement. Credits cannot be applied to the East Asian Studies major or minor.

10. Students who intend to register for ancient Greek or Latin at NYU must consult the classics department for proper placement. Credits cannot count toward a classics major or minor.

11. Not a course in classical languages. Students should consult with the director of undergraduate studies in the Department of Classics about possible counting of credits toward the major/minor.

12. Students planning a major or minor in computer science must consult with the department about proper placement and possible counting of A Level/Pre-U credits towards departmental requirements.

13. A Level credit in economics satisfies the ECON-UA 1 and 2 requirements of the major and minor in economics; the major in international relations; and the minor in business studies.

14. No credit is awarded for English Language.

15. Students may count eight A Level points (the equivalent of two courses) towards the politics major and four A Level points (the equivalent of one course) towards the minor. None of these credits can substitute for any specific departmental course or requirement (such as one of the core requirements); they simply count as generic POL-UA credit.

16. Credit can count as an elective toward the history major but not toward the history minor. No more than 4 of the 8 A Level credits can be applied toward the major.

17. Satisfies Quantitative Reasoning in the Core.

18. Students with a grade of A on this examination may apply 4 of the 8 points toward the philosophy major or minor as a required introductory course; a grade below that level does not count toward the major or minor as the equivalent of PHIL-UA 1. In addition, a grade of D3 or higher on the Pre-U examination in Philosophy and Theology allows students to apply 4 of the 8 points toward the philosophy major or minor as a required introductory course; a grade below that level does not count toward the philosophy major or minor as the equivalent of PHIL-UA 1. Note well that the Department of Religious Studies does not accept the 4 points in theology from this Pre-U test toward its major or minor.

19. Satisfies Physical Science and Life Science in the Core. Cannot count toward any major or minor in the Department of Physics or the Department of Chemistry.

20. Majors and minors in psychology can use four of the credits to exempt from PSYCH-UA 1 and to count toward the major or minor. The other four points cannot be applied to major or minor requirements.

21. A Level/Pre-U credits in this subject cannot be counted toward the religious studies major or minor.

22. Sociology majors need departmental approval to count four of the eight credits toward the major as an elective. The credits never exempt students from any of the introductory courses in Sociology (SOC-UA 1, 2, 3).

23. Satisfies Quantitative Reasoning in the Core.

24. To receive A Level credit, students must contact the Department of Russian and Slavic Studies and be tested by a language instructor.
When estimating the net cost to the family of a university education, a student should consider two factors: (1) the total cost of tuition, fees, and materials related to a particular program, plus costs directly related to the choice of living style (residence hall, apartment, commuting costs), and (2) financial aid that may be available from a variety of sources. This section provides information on both of these distinct but related topics.

TUITION AND FEES: 2020–2021

Following is the schedule of fees established by the Board of Trustees of New York University for the year 2020-2021. The Board of Trustees reserves the right to alter this schedule without notice. Tuition, fees, and expenses may be expected to increase in subsequent years and will be listed in online updates to this Bulletin. Students should also consult nyu.edu/bursar for this updated information.

Note that the registration and services fee covers membership, dues, etc., to the student’s class organization and entitles the student to membership in such University activities as are supported by this allocation and to receive regularly those University and College publications that are supported in whole or in part by the student activities fund. It also includes the University’s health services, emergency and accident coverage, and technology fees.

Note: Deposits may be required for laboratory courses. Students should consult the respective departments for information.

All fees are payable at the time of registration. The Office of the Bursar is located at 383 Lafayette Street, 1st Floor. Checks and drafts are to be drawn to the order of New York University for the exact amount of the tuition and fees required. In the case of an overpayment, the credit is issued by requesting a refund through the Office of the Bursar.

A fee will be charged if payment is not made by the due date indicated on the student’s statement.

The unpaid balance of a student’s account is also subject to an interest charge of 12 percent per annum from the first day of class until payment is received.

Holders of New York State Tuition Assistance Program (TAP) awards will be allowed credit toward their tuition fees in the amount of their entitlement, provided they are New York State residents and are enrolled on a full-time basis.

Students who receive TAP awards after registration and have a credit balance on their account will receive a refund from the University after the New York State payment has been received by the Office of the Bursar and the Office of the Registrar has confirmed eligibility.

Full-Time Students

Tuition, 12 to 18 points flat rate, fall 2020 term (spring 2021 term to be announced): $26,102

Nonreturnable registration and services fee for flat rate, per term: $1,338
For each point taken in excess of 18, per point, per term (not including a nonreturnable registration and services fee of $71 per point): $1,537

Non Full-Time Students

Tuition, per point (up to 11 points), fall 2020 term (spring 2021 term to be announced): $1,537

Nonreturnable registration and services fee, first point: $507
Nonreturnable registration and services fee, per point, for registration after first point: $71

Basic Health Insurance Benefit Plan: 2020–2021

For additional and updated information beyond 2020-2021, please see nyu.edu/life/safety-health-wellness/student-health-center/insurance-patient-accounts.

CAS students enrolled in 9 or more points are automatically enrolled; all others can select among these options:

Annual: $3,645
Fall term: $1,408
Spring term: $2,237 (coverage for the spring and summer terms)
Summer term: $989 (only for students who did not register in the preceding term)

Students automatically enrolled in the basic plan or the comprehensive plan can change between plans or waive the plan entirely (by showing proof of other acceptable health insurance); for details, please see nyu.edu/life/safety-health-wellness/student-health-center/insurance-patient-accounts.

Comprehensive Health Insurance Benefit Plan: 2020–2021

For additional and updated information beyond 2020-2021, please see nyu.edu/life/safety-health-wellness/student-health-center/insurance-patient-accounts.

International students are automatically enrolled; all others can select among these options:

Annual: $4,053
Fall term: $1,566
Spring term: $2,487 (coverage for the spring and summer terms)
Summer term: $1,099 (only for students who did not register in the preceding term)

Students automatically enrolled in the basic plan or the comprehensive plan can change between plans or waive the plan entirely (by showing proof of other acceptable health insurance); for details, please see nyu.edu/life/safety-health-wellness/student-health-center/insurance-patient-accounts.

Stu-Dent Plan: 2020–2021

For additional and updated information beyond 2020-2021, please see nyu.edu/dental/patientinfo/nyustu-dent.

Dental service through NYU’s College of Dentistry:
Primary member: $250
Partner: $250
Dependent (under age 16): $90
Renewal membership: $205

Special Fees for All Students: 2020–2021

For additional and updated information beyond 2020-2021, students may consult the websites of (or contact) the Offices of the Registrar, Bursar, Residence Life, and Admissions.

Deposit upon acceptance (nonrefundable): $500
Housing deposit (if applicable) upon acceptance (nonrefundable): $1,000

Late Registration Fee:
Fall 2020 term: Initial registration on or after September 11, 2020: $50
Initial registration on or after September 30, 2020: $100

Spring 2021 term: Initial registration on or after February 3, 2021: $50
Initial registration on or after February 22, 2021: $100

Maintenance of Matriculation: 2020–2021

For additional and updated information beyond 2020-2021, please see nyu.edu/bursar.

Fall term: $507, plus a nonrefundable registration and service fee of $507. The total of both fees to maintain matriculation is $1,014.

Spring term: $507, plus a nonrefundable registration and service fee of $507. The total of both fees to maintain matriculation is $1,014.

Special Programs

For expenses for study in NYU study away and in NYU international exchange programs, contact the NYU Office of Global Programs, 383 Lafayette Street, 4th floor, New York, NY 10003-4170; 212-998-4433. Also see nyu.edu/academics/studying-abroad.

Deferred Payment Plan

The deferred payment plan allows students to pay 50 percent of their net balance due for the current term on the payment due date and defer the remaining 50 percent until later in the semester. This plan is available to students who meet the following eligibility requirements:

• Enrolled in courses and/or on-campus housing
• Without a previously unsatisfactory University credit record
• Not in arrears (past due) for any University charge or loan

The plan includes a nonrefundable enrollment fee of $50, which is to be included with the initial payment on the payment due date.

Interest at a rate of 1 percent per month on the unpaid balance will be assessed if payment is not made in full by the final installment due date. A late payment fee of $25 will be assessed on any late payments.

Enrollment in the deferred payment plan is required for each semester the plan is used. Information on the deferred payment plan is available at nyu.edu/bursar/payments.

For additional information, please visit the website of the Office of the Bursar or call 212-998-2806.
Tuition Management Systems

New York University offers a 4-month, semester-based payment plan in partnership with Tuition Management Systems (TMS). This allows for all or a portion of college costs to be spread out over 4 months without interest. There is a flat enrollment fee for setting up the plan each semester.

Fall semester plan due dates begin August 1 to November 1.
Spring semester plan due dates begin January 1 to April 1.

There is an enrollment fee of $50 per semester, due upon enrollment.

Online enrollment is simple and easy at nyu.afford. You may also contact Tuition Management Systems directly at 800-722-4867 (Monday through Friday, 8:00 a.m. to 10:00 p.m. ET)

Arrears Policy

The University reserves the right to deny registration and withhold all information regarding the record of any student who is in arrears in the payment of tuition, fees, loans, or other charges (including charges for housing, dining, or other activities or services) for as long as any arrears remain.

Diploma Arrears Policy

Diplomas of students in arrears will be held until their financial obligations to the University are fulfilled and they have been cleared by the Bursar. Graduates with a diploma hold may contact the Office of the Bursar at 212-998-2806 to clear arrears or to discuss their financial status at the University.

WITHDRAWAL AND REFUND OF TUITION

A student who, for any reason, finds it impossible to complete one or more courses for which he or she has registered should consult with an academic adviser. An official withdrawal must be filed either on Albert (through the first two weeks of the term only) or in writing on a completed change of program (drop/add) form with the Office of the University Registrar. (Note: an official withdrawal must be filed if a course has been canceled, and, in this case, the student is entitled to a refund of tuition and registration fees paid.) Withdrawal does not necessarily entitle the student to a refund of tuition paid or a cancellation of tuition still due. A refund of tuition will be made provided such withdrawal is filed within the scheduled refund period for the term. (See the following schedules.)

Merely ceasing to attend a class does not constitute official withdrawal, nor does notification to the instructor. A stop payment of a check presented for tuition does not constitute withdrawal, nor does it reduce the indebtedness to the University. The nonreturnable registration fee and a penalty fee of $20 for a stopped payment must be charged in addition to any tuition not canceled.

The date on which the change of program form is filed, not the last date of attendance in class, is considered the official date of the student’s withdrawal. It is this date that serves as the basis for computing any refund granted the student. The processing of refunds takes approximately two weeks. There are two distinct refund schedules (see below):

- For students withdrawing from some courses, but not all; and
- For students withdrawing from all courses.

Undergraduate Refund Schedule, Withdrawing from Some Courses (Fall and Spring Only)

Courses dropped during the first two weeks of the term: 100% of tuition and fees*
Courses dropped after the first two weeks of the term: NONE

The above refund schedule is not applicable to students whose registration remains within the flat-fee range of 12 to 18 points per term.

*Note: All fees (including school-related fees) are nonreturnable after the second calendar week of the semester.

Undergraduate Refund Schedule, Withdrawing from All Courses (Fall and Spring Only)

This schedule is based on the total applicable charge for tuition, excluding nonreturnable fees and deposits.

Withdrawal on or before the official opening date of the term: 100% of tuition and fees†
Withdrawal on the second day after the official opening date of the term through the end of the first calendar week: 100% of tuition only
Withdrawal within the second calendar week of the term: 70% (tuition only)

Note: The first calendar week consists of the first seven (7) calendar days beginning with the official opening date of the term (not the first day of the class meeting).
Withdrawal within the third calendar week of the term: 55% (tuition only)
Withdrawal within the fourth calendar week of the term: 25% (tuition only)
Withdrawal after completion of the fourth calendar week of the term: NONE
*Note: All fees (including school-related fees) are nonreturnable after the official first day of the semester.

Note: A student may not withdraw from a class after the ninth week of the fall or spring semester or in the last two weeks of each six-week summer session.

Exceptions to the published refund schedule may be appealed in writing to the refund committee in the College Advising Center (Silver Center, Room 905; 212-998-8130) and should be supported by appropriate documentation regarding the circumstances that warrant consideration of an exception. Exceptions are rarely granted. Students who withdraw should review the “refunds” page on the Office of the Bursar’s website.

Federal regulations require adjustments reducing financial aid if a student withdraws even after the NYU refund period. Financial aid amounts will be adjusted for students who withdraw through the ninth week of the semester and have received any federal grants or loans. This adjustment may result in the student’s bill not being fully paid. NYU will bill the student for this difference. The student will be responsible for payment of this bill before returning to NYU and will remain responsible for payment even if he or she does not return to NYU.

For any semester a student receives any aid, that semester will be counted in the satisfactory academic progress standard. This may require the student to make up credits before receiving any further aid. Please review the satisfactory academic progress standard on the Office of Financial Aid website, so as not to jeopardize future semesters of aid.

Tuition Insurance
Tuition Refund Insurance provides families an option to protect their hard-earned tuition dollars. This coverage complements New York University’s Refund Policy, allowing students to receive up to 100% refund, up to the policy limits, throughout the term for a covered medical withdrawal.

Tuition Refund Insurance reduces the financial risk inherent in the investment in higher education by refunding lost tuition, academic fees and other related expenses, up to the policy limits, should a student be forced to withdraw for medical reasons.

We are pleased to offer Undergraduate students a Tuition Refund Insurance program. Refunds are paid by GradGuard to the University for credit to the student account. Outstanding loans, grants, scholarships, etc. would be paid before any remaining funds are refunded to the student.

Information and enrollment in the Tuition Refund Insurance Plan can be found at gradguard.com/tuition-insurance/partners.

FINANCIAL AID
New York University awards financial aid to help students meet the difference between their own resources and the cost of education. All awards are subject to availability of funds and the student’s demonstrated need. Renewal of assistance depends on annual reevaluation of a student’s need, the availability of funds, the successful completion of the previous year, and satisfactory progress toward completion of degree requirements. In addition, students must meet the published filing deadlines.

Visit Financial Aid and Scholarships at nyu.edu/financial.aid for full access to the information and procedures summarized here. Particular attention should be given to (1) types of financial aid (for scholarships, grants, loans), (2) how to apply, and (3) applications and forms. These topics are included on the navigation bar located on the home page.

Applying for Financial Aid at NYU
The following applications are the forms students must submit for any and all types of financial aid we award at NYU, including all need-based and merit-based scholarships:

• CSS Profile (all new first-year applicants regardless of citizenship status; applicants whose parents are separated, divorced, or unmarried and do not live together will need to have both parents submit their own separate CSS Profile applications)
• CSS Profile Waiver Request for the Noncustodial Parent (under certain circumstances, NYU will consider waiving the CSS Profile for the noncustodial parent if the information cannot be obtained)
• Undocumented Student Financial Aid Application (all new freshmen and transfer applicants who are undocumented, in addition to the submission of the CSS Profile)
The following applications are the forms students must submit for federal and state financial aid:

- Free Application for Federal Student Aid (FAFSA) [only new first-years and transfer applicants who are U.S. citizens, permanent residents, or eligible non-citizens (i.e. refugees, etc.)]
- New York State Tuition Assistance Program (TAP) (only new first-year and transfer applicants who are New York State residents, including undocumented students)

NOTE: Applicants must file all their relevant applications by the deadlines to be considered for NYU scholarships and grants. All students will be reviewed for federal financial aid as long as they have a FAFSA on file, are taking a minimum of six credits, and are otherwise eligible.

Refer to the “how to apply” area of the website for details specific to students applying for admission to NYU’s Washington Square campus, NYU Abu Dhabi, and NYU Shanghai.

Undergraduate students seeking financial aid for summer courses may be considered for a summer scholarship. For up-to-date information on summer scholarship, please refer to the “how to apply” section of the website and select “summer financial aid.” All students will be reviewed for federal financial aid as long as they have a FAFSA on file, are taking a minimum of six credits during the summer term, and are otherwise eligible.

Deadlines

For First-Year Applicants:

Early Decision I:
- CSS Profile - November 15
- Noncustodial Parent CSS Profile or CSS Profile Waiver Request for the Noncustodial Parent—November 20
- FAFSA—Recommended filing date of November 15

Early Decision II:
- CSS Profile—January 15
- Noncustodial Parent CSS Profile or CSS Profile Waiver Request for the Noncustodial Parent—January 20
- FAFSA—Recommended filing date of January 15

Regular Decision:
- CSS Profile—February 20
- Noncustodial Parent CSS Profile or CSS Profile Waiver Request for the Noncustodial Parent—February 20
- FAFSA—February 20

For Transfer Applicants:

Fall/Summer Admission:
- FAFSA—April 1 (to receive a final financial aid award in May/June)

Spring Admission:
- FAFSA—November 15 (to receive a final financial aid award in December)

Eligibility for Financial Aid

To be considered for financial aid, students must be officially admitted to NYU or matriculated in a degree program. Federal financial aid requires students to be making satisfactory academic progress toward degree requirements. Most NYU undergraduate scholarships are automatically renewed each year as long as the student is enrolled full-time. To renew federal financial aid, students who are U.S. citizens, permanent residents, or eligible non-citizens must submit the FAFSA each year. Finally, students must be in an approved program of study registered with the State of New York.

Withdrawal

Students receiving federal student aid who withdraw completely may be billed for remaining balances resulting from the mandatory return of funds to the U.S. government. The amount of federal aid “earned” up to that point is determined by the withdrawal date and a calculation based upon the federally prescribed formula. Generally, federal assistance is earned on a pro-rata basis.

SCHOLARSHIPS AND GRANTS

Eligibility for merit-based and/or need-based scholarships at NYU is determined upon entrance to the University based on prior academic strengths and, if applying for financial aid, a student’s demonstrated financial need. Most undergraduate scholarships at NYU are based on a combination of need and merit and require that students file their financial aid applications on time for consideration.

University-Sponsored and University-Administered Programs

Through the generosity of its alumni and other concerned citizens, as well as from funds supplied by the federal government, the University is able to provide an extensive financial aid program for its students. Awards are competitive and are based on a combination of academic achievement, applicable test scores, and, in most cases, financial need. No separate application is necessary.
Federal Scholarships and Grants
Eligibility is based on submission of the FAFSA, and no separate application is necessary.

State Grants
New York State offers a wide variety of grants and scholarships to residents, subject to the annual availability of funds. Application is made directly to the state, and grants are awarded by the state. New York State programs are listed at hesc.ny.gov.

Some students from outside New York State may qualify for funds from their own state scholarship programs that can be used at New York University. Contact your state financial aid agency (call 800-433-3243 to obtain contact information) to ask about program requirements and application procedures. When you receive an eligibility notice from your state program, you should submit it immediately to the NYU Office of Financial Aid.

Scholarships and Grants from Other Organizations
Students may be eligible for a private scholarship or grant from an outside agency. Some sources to explore are employers, unions, professional organizations, and community and special interest groups. A number of extensive scholarship search resources are available for free online, and several are featured at nyu.edu/financial.aid. Students must notify the Office of Financial Aid if they receive funds from any of these sources. Financial aid must not exceed a student’s estimated cost of attendance, including outside scholarships and grants.

OTHER SOURCES OF AID

Federal and Private Loans
For information about federal loans and private (non-federal) alternative loans please consult nyu.edu/financial.aid.

Student Employment
Wasserman Center for Career Development
133 East 13th Street, 2nd Floor
212-998-4730
nyu.edu/careerdevelopment

Most financial aid award packages include work study. This means that students are eligible to participate in the federal work study program and may earn up to the amount recommended in their award package. Work study wages are paid directly to the student on a biweekly basis and are normally used for books, transportation, and personal expenses.

Resident Assistantships
Resident assistants reside in the residence halls and are responsible for organizing, implementing, and evaluating social and educational activities. Compensation is room and/or board, and/or a stipend. Applications and further information may be obtained from nyu.edu/life/living-at-nyu.

Tuition Remission
Beginning with the incoming class of fall 2018, undergraduate dependents of NYU employees with tuition remission may be eligible for scholarship above and beyond their tuition remission benefit if they would have been eligible for an amount greater than the tuition remission under the traditional scholarship review process. In order to be considered for his additional amount, students have to file the CSS Profile and FAFSA on time and have financial need based on the CSS Profile. Details about tuition remission eligibility information can be obtained at nyu.edu/employees/benefit.

Employee Education Plans
Many companies pay all or part of the tuition of their employees under tuition refund plans. Employed students attending the University should ask their personnel officers or training directors about the existence of a company tuition plan. Students who receive tuition reimbursement and NYU employees who receive tuition remission from NYU must notify the Office of Financial Aid that they receive this benefit.

Optional Payment Plans
Payment plans can help manage educational expenses. Options are described at nyu.edu/bursar/payment.info/plans.
STUDENT FINANCIAL AID RESPONSIBILITIES

• Consult nyu.edu/financial.aid for all financial aid application deadlines. Failure to meet the NYU deadline may result in a reduction of your aid eligibility.

• Use NYU Albert to accept your financial aid awards.

• If you submit documents to the Office of Financial Aid, please put your University I.D. number on each page and keep a copy for yourself. Do not submit originals.

• Be certain that you understand the conditions of the awards you accept. Contact the Office of Financial Aid if you have any questions.

• You must adhere to satisfactory academic progress standards to remain eligible for federal financial aid. It is the student’s responsibility to know and heed the requirements.

• You must notify the Office of Financial Aid immediately if you receive an award or financial aid from any additional source. A change in your resources may affect your eligibility for student aid.

• You must respond immediately to all requests from the Office of Financial Aid. Failure to comply may result in the cancellation of your aid.

• Consult with the Office of Financial Aid immediately if you reduce your academic program to fewer points, or if you are enrolled full-time (at least 12 units) but intend to begin part-time (less than 12 units). Also contact the Office of Financial Aid if there is a change in your housing status. A change in enrollment or housing status may affect the financial aid you receive.

• Be sure to notify the Office of the University Registrar if you move by updating your contact information via NYU Albert. We use the records of the Office of the University Registrar to administer financial aid.
Registration, Advisement, and Counseling

THE COLLEGE ADVISING CENTER

The College Advising Center (726 Broadway, 7th floor; 212-998-8130; advising.cas.nyu.edu) offers a wide range of academic services and thoughtfully designed programs to meet the ever-changing needs of our diverse student body. The advising team, comprised of assistant deans, directors, and professional advisers, serve as an integral source of information on matters pertaining to the College Core Curriculum, degree requirements, procedures of the College, and both CAS and University policies.

Advisers consider the unique academic and professional aspirations of each student while working in a manner that is collaborative and explorative and promotes intellectual growth. Advisers are available to meet with students Monday through Friday from 9:00 a.m.–5:00 p.m., virtually or in-person, to discuss their academic plans, clarify program requirements, or assist in connecting with institutional resources. Advisers also liaise with other University offices and can make referrals to support services when appropriate.

In collaboration with institutional partners, the advising team facilitates programs geared towards the professional, social, and cultural development of our students. Career focused events, such as department spotlights, faculty seminars, and alumni panels, are intended to assist students in exploring and choosing a major, as well as preparing for post-baccalaureate life.

The College Advising Center’s various co-curricular activities and initiatives aim to complement students’ academic experiences. Specialized programming provides enrichment opportunities and support for diverse and underrepresented student groups. These programs begin in the summer when entering first-year students are invited to participate in the College’s Academic Achievement Program (AAP; cas.nyu.edu/content/nyu-as/cas/aap). Through AAP, Black, Latino, and Indigenous students may engage in a first-year mentorship program in which they are paired with an upper-level mentor who provides them with support and guidance during their first year.

Throughout the fall and spring semesters, a number of specific initiatives continue to ensure that diverse students are fully engaged within the College. AAP collaborates with the International Student and Proud-to-be-First (First-Generation) teams for an annual trip to the Washington, D.C. campus to encourage civic engagement. AAP students also have the opportunity to study away at a number of Historically Black Colleges and Universities (HBCUs) and Hispanic Serving Institutions (HSIs) through the Faculty Resource Network (FRN) Domestic Exchange Program (cas.nyu.edu/aap/domestic-exchange).

First-Year Students

The advising process for first-year students in the College of Arts and Science begins in the summer. This includes the selection of a First-Year Seminar, which determines placement into an advising cohort. All first-year students participate in the College Cohort Program (CCP), an orientation and community building program that focuses on introducing students to college life and key resources throughout their first year.

During the fall of the first year, cohorts meet every other week as a group to work closely with their adviser and a college leader (an upper class mentor) and explore topics which build a foundation for engaging in the variety of academic and cultural offerings at NYU, throughout New York City, and at NYU’s study away sites. Students are encouraged to meet regularly with their adviser outside of the cohort meetings—since advisers are the primary source of information for matters pertaining to the Core Curriculum and degree requirements—until they declare their majors.

Transfer Students

Advising for students who are transferring to the College of Arts and Science from another college or university commences once the College is notified that they have accepted admission. Students begin with an advising and registration process which includes direct contact with a CAS adviser who can interpret the transfer credit report, assist with course selection, and answer questions pertaining to degree requirements and registration.

Transfer students are also invited to a special orientation session to facilitate
their transition to CAS. These sessions are co-led by a CAS adviser and current upperclassmen who serve as student resources throughout the orientation and transition process.

Transfer students participate in the College Cohort Program (CCP) and are assigned an adviser within the College Advising Center. Transfer students approaching junior standing must also declare a major and meet with an adviser in their major department in order to ensure that they are choosing the appropriate courses for their plan of study.

**International Students**

The College of Arts and Science operates Learning Centers in the Academic Resource Center (ARC) or ARC (18 Washington Place) and in University Hall (110 East 14th Street, UHall Commons). The Learning Centers provide extensive academic support services, free of charge, to students in all divisions of the University who take courses in the College. With their highly visible and accessible settings, they serve to link academics with students’ residential and campus lives. Services offered by the centers include the following:

- Individual and group tutoring sessions
- Examination review sessions
- Study skills assessment and academic skills workshops

For further information on services, offerings, and schedules at the ULC, please visit [nyu.edu/ulc](http://nyu.edu/ulc).

**REGISTRATION**

The College Advising Center provides information on registration throughout the year. Students complete their initial registration through Albert, the University-wide portal to the student information system, at [home.nyu.edu](http://home.nyu.edu).

**Continuing Students**

Students currently enrolled in the College register early for the following semester—in November for the spring term and in April for the fall term. Students who are currently enrolled or on an official leave of absence receive notification of the date and time when they can register. Before registering, students plan a provisional schedule and put it in their shopping list in Albert. They also discuss their program and planned courses with their adviser, who then clears them for registration. (Undeclared students consult with their CAS adviser for this purpose, whereas declared students work with an assigned adviser in their major department.) At the appointed time or thereafter, students access Albert to register. Students must complete registration by paying their tuition and fees. Online tuition statements and payment options are available through the Office of the Bursar.

**New Students**

Newly admitted students receive detailed instructions about registration and orientation, as well as the name and contact information of an adviser in the College Advising Center who assists them in academic planning, course selection, and registration. Transfer students with a declared major also have an opportunity to discuss their program with a faculty member in their chosen major department.

**THE UNIVERSITY LEARNING CENTER**

The College of Arts and Science operates Learning Centers in the Academic Resource Center or ARC (18 Washington Place) and in University Hall (110 East 14th Street, UHall Commons). The Learning Centers provide extensive academic support services, free of charge, to students in all divisions of the University who take courses in the College. With their highly visible and accessible settings, they serve to link academics with students’ residential and campus lives. Services offered by the centers include the following:

- Individual and group tutoring sessions
- Examination review sessions
- Study skills assessment and academic skills workshops

For further information on services, offerings, and schedules at the ULC, please visit [nyu.edu/ulc](http://nyu.edu/ulc).
COUNSELING AND BEHAVIORAL HEALTH SERVICES AT THE COLLEGE OF ARTS AND SCIENCE

Counseling and Wellness Services (CWS) at the College of Arts and Science is located in the 726 Broadway, 7th floor, and is open Monday to Friday from 9 a.m. to 5 p.m. Counseling—or psychotherapy—is a confidential professional relationship that focuses on personal problems, such as concerns about interpersonal relationships; poor grades or other academic problems; emotional issues such as feelings of inadequacy, anxiety, or loneliness; sexual problems; eating disorders; substance abuse; or family conflict. Unlike friends, counselors can be objective, since they are not involved in your daily life. Counselors don’t give specific advice or tell you what to do. Instead, they serve as skilled listeners who help you to clarify issues, discover your true wishes and feelings, and deal more effectively with whatever problems you may be dealing with.

CWS services include individual psychotherapy, themed workshops, and therapy groups. When necessary, medication and referrals to providers in the community are available. Counseling services are free for any full- or part-time student enrolled in the University. Appointments are scheduled through the main counseling office at the Student Health Center, 726 Broadway, 4th Floor, or by phone at 212-998-4780. Students can also be seen without an appointment during walk-in hours at the Wellness Exchange at 726 Broadway, 3rd floor; please review current hours for drop-in appointments at nyu.edu/students/health-and-wellness/services/counseling-services/counseling/walk-in-counseling. NYU’s Wellness Exchange offers a 24-hour hotline at 212-443-9999, and can also be reached by email (wellness.exchange@nyu.edu) or via the Wellness Exchange app, which can be downloaded for iPhones or Android devices.

VETERANS’ BENEFITS

For full and up-to-date information, policies, and procedures on Chapter 31, Chapter 33, and Yellow Ribbon benefits, please consult nyu.edu/students/student-information-and-resources/registration-records-and-graduation/veteran-benefits.
The University confers the following degrees on candidates recommended by the faculty of the College of Arts and Science and approved by the trustees of New York University:

**Bachelor of Science (B.S.)**

B.S. programs are offered by the following departments of the College: chemistry (optional), neural science (no B.A. option), and physics (optional). They are also offered for the combined major in global public health and science with a concentration in either biology or chemistry (no B.A. option). For details, see the sections on these individual departments and majors in this Bulletin. The College also offers jointly with the NYU Tandon School of Engineering dual-degree, Bachelor of Science/Bachelor of Science (B.S./B.S.) programs with biology, chemistry, computer science, mathematics, and physics; see the engineering and relevant departmental sections in this Bulletin. (Pursuing dual degrees in engineering is the only way to earn a B.S. in biology, computer science, and mathematics, except for the global public health/science major with concentration in biology.) Further information on engineering is available from the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

**GENERAL REQUIREMENTS**

The general degree requirements are the same for the B.A. and the B.S., with the exception of the engineering B.S./B.S.

To be eligible for the bachelor’s degree, students must complete 128 points with a cumulative grade point average of at least 2.0. Within these points, students must fulfill the requirements of both a major (also completed with a minimum grade point average of 2.0) and the College Core Curriculum. A minor is optional, but if elected, must also be completed with a 2.0 minimum grade point average.

The degree requirements to be fulfilled are those in effect during the term of the student’s first registration in the College. Registration in another division of New York University does not constitute a registration in the College of Arts and Science. Readmitted students must fulfill the requirements as listed in the College of Arts and Science Bulletin published during the year of their readmission, unless their readmission letter states otherwise.

In very exceptional cases, a student may petition the Committee on Undergraduate Academic Standards for approval of a change in the requirements as stated in the Bulletin. Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

**Time Limit**

All requirements for a degree in the College must be met within a period of eight years from the date of matriculation. For transfer students and for students who are readmitted to the College, the length of time is proportionately reduced. Transfer credit is not granted for courses taken more than 10 years before the student’s matriculation in the College.

**Residency Requirement**

Once a student enrolls in the College of Arts and Science (first year and/or transfer), all course work used to satisfy the 128-credit degree requirement must be completed at NYU. All students must complete a minimum of 64 points in College of Arts and Science coursework (-UA suffix). Courses taken in other NYU schools (i.e., without a -UA suffix) do not count toward the 64-credit minimum. Neither do NYU Abu Dhabi (-AD/UAH) or NYU Shanghai (-SHU) courses. (However, -UA study away courses do count toward the 64 points.) Students must complete their last 32 points while registered in the College. In addition, students must be registered in the College during the semester.
immediately prior to graduation, unless officially approved for a leave of absence in that semester.

One-half of the courses used to complete the major or the (optional) minor must be taken in the College. Any transfer courses to be applied toward major or minor requirements must be approved by the department.

CONFERRING OF DEGREES

Degrees are conferred in September, January, and May. The formal conferring of degrees by the president of the University takes place annually at Commencement in May.

THE MAJOR

Major requirements, varying from department to department, are specified in the sections of this Bulletin devoted to the course listings of individual departments and programs. Generally, a little more than one-third of the total points are earned in the major.

Every student must complete a major with a cumulative grade point average in the major of at least 2.0. At least one-half of the courses (and in some departments, at least one-half of the points) used to complete the major must be taken in the College of Arts and Science. A student may not register for courses in the major outside of NYU.

The student must be accepted as a major in the department and must review his or her program with a department adviser each term.

College of Arts and Science students may not major in other divisions of the University, with the exception of cinema studies (with Tisch School of the Arts), engineering (a dual-degree program with the Tandon School of Engineering), global public health (combined majors with the School of Global Public Health), and public policy (a joint major with the Robert F. Wagner Graduate School of Public Service).

Students in the NYU Tandon School of Engineering may not declare a major or minor in the College if the desired field of study is offered at Tandon.

Declaration of the Major

Students must visit the office of the department or program to declare a major and have it posted in the Student Information System (Albert). Students who have earned 64 or more points must declare a major. Those with fewer than 64 points are strongly encouraged to declare a major as early in their academic career as possible.

Double Majors and Policy on Double Counting of Courses

Students may take a double (second) major. The same requirements, including the maintenance of a minimum grade point average of 2.0, apply to the second major as to the first. The second major is declared in the same way as the first (see above).

In some cases, courses may be applicable to both majors if the academic departments consider this appropriate. Students must then obtain written approval for the shared course(s) from the directors of undergraduate studies of both departments. No student may double count more than two courses between two majors (or between a major and a minor, or between two minors); some departments have set more restrictive sharing rules (a limit of one shared course, or none at all) as indicated in their sections of this Bulletin. No course may ever be triple-counted among any combination of three majors and/or minors.
THE MINOR

The minor requirements are found in the departmental sections of the Bulletin. The (optional) minor must be completed with a minimum grade point average of 2.0.

The minor is declared at the office of the sponsoring department or program. No more than one minor can be completed outside of the College in the other divisions of NYU, as the limit on non-CAS credits is set at 16 points.

REGULATIONS PERTAINING TO BOTH THE MAJOR AND MINOR

The major and minor requirements to be followed are those stated in the departmental sections of the Bulletin in effect during the semester of the student’s first registration in the College. No credit toward the major or minor is granted for grades of C- or lower, although such grades will be computed into the grade point average of the major or the minor, as well as into the overall grade point average.

Transfer students from other colleges and universities must have the written approval of the director of undergraduate studies to count transfer courses toward the major or the minor. Once a student transfers to the College, all course work must be completed at NYU. (See also “transfer students,” below.)

No course to be counted toward the major or minor may be taken on a Pass/Fail basis. (See “Pass/Fail option” under academic policies in this Bulletin.)

The committee recommends that for students who matriculate in the College as first-years (i.e. they are not transfer students) no more than two non-CAS NYU courses be counted toward a CAS major and no more than one non-CAS NYU course be counted toward a CAS minor. Ultimate decision making will still lie within the departments, spearheaded by the director of undergraduate studies. This recommended policy does not apply to joint degrees and other majors that have pre-approved arrangements.

TRANSFER STUDENTS

Transfer students, whether external or internal, must complete 64 points in College of Arts and Science coursework (-UA suffix) and must earn a cumulative grade point average of at least 2.0 overall, in the required major, and in the optional minor.

Courses taken in other NYU schools (i.e., without a -UA suffix) do not count toward the 64-credit minimum. Neither do NYU Abu Dhabi (-AD/UH) or NYU Shanghai (-SHU) courses. (However, -UA study away courses do count toward the 64 points.)

At least one-half of the courses used to complete the major and any minor must be courses offered by the College (-UA suffix). Any transfer courses to be applied toward major or minor requirements must be approved by the department and may not exceed one-half of the required coursework for the major or minor.

Courses in which a grade of C- or lower was earned are not transferable. Grades earned in external transfer courses are not calculated in the NYU grade point average.
ACADEMIC PROGRAM (INCLUDING DROPPING, ADDING, WITHDRAWING FROM, AND AUDITING COURSES)

The programs and courses offered at the College of Arts and Science are designed for students who attend classes offered during the day on a full-time basis. A full-time schedule normally consists of 16 points per term, or 32 points per year, which enables a student to complete the entire program of 128 points in four years. Minimal full-time status entails completing at least 12 points per term, or 24 points per year. Students who wish to attend part-time should speak with their academic adviser in the College Advising Center, 726 Broadway, 7th floor; 212-998-8130. Such status will be granted only when there is good and sufficient reason for part-time study. Failure to complete a minimum of 24 points per year jeopardizes a student’s full-time status. Failure to complete 32 points per year may jeopardize a student’s eligibility to receive financial aid; students should discuss their situation with the Office of Financial Aid in the StudentLink Center, 383 Lafayette Street. Students may register for more than 18 points per term with the approval and clearance of their academic adviser.

Change of Program

To make any changes in their program, including dropping or adding courses given in other divisions of the University, students must access Albert via home.nyu.edu or file a change of program (“drop/add”) form with the Office of the Registrar in the StudentLink Center, 383 Lafayette Street.

Adding Courses

The deadline for the adding of a course or a section is the end of the second week of the semester. The deadline applies to any course added by a College of Arts and Science student and to any College of Arts and Science course added by students from other divisions. The adding of any course or section after the end of the second week is generally allowed only with the written approval of both the instructor and Academic Standards in the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140.

Dropping and Withdrawing from Courses

Students are expected to maintain a full-time program as described above. Occasionally, they may withdraw from a course if, because of reasons beyond their control, they cannot continue. Courses dropped during the first two weeks of the term will not appear on the transcript. Those dropped from the beginning of the third week through the end of the ninth week of the term will be recorded with a grade of W. After the ninth week, no student may withdraw from a course unless his or her petition is approved by the College’s Committee on Academic Standards. Students who are ill or have a serious personal issue should see, call, or write to an adviser in the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

Complete Withdrawals

Students who wish to withdraw from all courses in the current term must make an appointment for an interview with an adviser in the College Advising Center. If the student is unable to attend the College during the term following the withdrawal, he or she should discuss a leave of absence with an adviser in the College Advising Center. For more information, see “leave of absence,” below.

Auditing

Matriculated students in the College or in any division of the University (undergraduate or graduate) may audit (i.e., attend lectures without intending to receive credit) any course in the College with the consent of, and under the conditions established by, the instructor and the department. Auditors may not preempt space required for registered students. Courses cannot be audited as a means of satisfying requirements for an Incomplete grade or as a means of changing a previous grade. Special (visiting or non-degree) students may not audit courses.

Effective with the fall 2020 term, and following Office of the Registrar policy, auditors must be fully registered for audited courses in Albert and are charged full tuition, but do not earn points. They receive the grade of “R” which is not computed in the grade point average. If they are not CAS
students, they must have permission from their home school, and their advisers or deans' offices must confirm with the College before approval to audit a CAS course is granted.

Students do not register themselves as auditors on Albert; the process requires a signed add/drop form sent to the Office of the Registrar with “register as auditor” noted in the special processing section.

ATTENDANCE

Although the administration of the College does not supervise attendance of classes, it supports the standards imposed by instructors.

Students who, in the judgment of the instructor, have not substantially met the requirements of the course or who have been excessively absent may be considered to have withdrawn unofficially and may be given the final grade of F. See “withdrawing from courses,” above.

Religious Holidays and Attendance

New York University, as a nonsectarian institution, adheres to the general policy of including in its official calendar only certain legal holidays. However, it has also long been University policy that members of any religious group may, without penalty, absent themselves from classes when compliance with their religious obligations requires it. In 1988, the University Senate affirmed this policy and passed a resolution that elaborated on it as follows:

1. Students who anticipate being absent because of any religious observance should, whenever possible, notify faculty in advance of such anticipated absence.

2. Whenever feasible, examinations and assignment deadlines should not be scheduled on religious holidays. Any student absent from class because of religious beliefs shall not be penalized for any class, examination, or assignment deadline missed on that day or days.

3. If examinations or assignment deadlines are scheduled, any student who is unable to attend class because of religious beliefs shall be given the opportunity to make up that day or days.

4. No adverse or prejudicial effects shall result to any student who avails himself or herself of the above provisions.

LEAVES OF ABSENCE (GENERAL AND MEDICAL)

General Leave

If a student and an adviser agree that a leave of absence is the best way to proceed given the student’s situation, the adviser will assist in the withdrawal from the semester and extended time for a leave of absence. A student needs to make an appointment with an adviser to discuss his or her particular situation and review the terms of the leave of absence; please contact the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

A student may request a leave of absence for the fall or spring semester, and must make his or her request prior to the end of the second week of the semester he or she wishes to be on leave. A student who requests a leave after that deadline or who has been out of attendance without first being granted a leave must apply for readmission. Also note that leaves are not granted retroactively for past semesters.

There are no leaves of absence for the summer and January terms, as enrollment during these terms is not required to maintain matriculation in the College.

A student granted a leave does not have to make a formal application for readmission as long as he or she returns to the College within the agreed-upon time (a maximum of two semesters during a student’s academic career). Students who attend another college during the leave must petition to have the credits transferred after they have been approved to return to the College. Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

Students are advised to inquire how the leave of absence may affect their scholarship and financial aid award and
should contact the Office of Financial Aid at 383 Lafayette Street. If students are on probation when the leave is granted, they will return on probation. Students out of attendance who did not apply for a leave and who wish to return to the College must apply for readmission. (See the admission section of this Bulletin.)

**Psychological and Medical Leave**

If a student and a counselor or a physician at the Student Health Center, 726 Broadway, agree that a psychological or medical leave of absence is the best way to proceed given the situation, the counselor or physician should make a recommendation to the Associate Dean for Students at the College for the withdrawal from the semester and extended time for a leave of absence. The student needs to complete the leave of absence petition form, which can be obtained at the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140. Leave of absence petitions are accepted and reviewed on a rolling basis throughout the academic year.

On/about six (6) weeks prior to the first day of classes of the semester in which the student seeks to return, the student must have his or her counselor/therapist or physician complete a certification of readiness to return to school from a leave of absence form. The provider needs to state clearly that the student is ready to return and that NYU is a suitable environment in which to continue his or her academic work. The student must also schedule an appointment with a counselor/therapist or physician at the Student Health Center (726 Broadway) prior to receiving approval from the College to return. A student granted a leave does not have to make a formal application for readmission as long as he or she returns to the College within the agreed-upon time.

Students on psychological or medical leave may want to take one or two courses at another institution to maintain academic progress; if so, they must petition to have the credits transferred after they have been approved to return to the College. Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; [cas.nyu.edu/academic-standards](cas.nyu.edu/academic-standards).

Students are advised to inquire how the leave of absence may affect their scholarship and financial aid award and should contact the Office of Financial Aid at 383 Lafayette Street. If students are on probation when the leave is granted, they will return on probation. Students out of attendance who did not apply for a leave and who wish to return to the College must apply for readmission. (See the admission section of this Bulletin.)

**Leave of Absence for Required Military Service**

International students whose home countries require students to perform two years of military service do not need to apply for readmission to the College of Arts and Science after a leave of absence for military service, provided they meet the following conditions: (1) they are on leave for just four regular (e.g., fall and spring) semesters and (2) they provide documentation of their military service during that time, accompanied by an English translation by accredited third-party translators. Students may not register for courses until the required documentation has been provided. Students who take a leave of absence for a military-related reason who fail to meet these conditions must apply for readmission with no guarantee of acceptance.

A student needs to make an appointment with an adviser to discuss his or her particular situation and review the terms of the leave of absence. Please contact the College Advising Center, 726 Broadway, 7th floor; 212-998-8130. Students are advised to inquire how the leave of absence may affect their scholarship and financial aid award and should contact the Office of Financial Aid at 383 Lafayette Street. If students are on probation when the leave is granted, they will return on probation. Students out of attendance who did not apply for a leave and who wish to return to the College must apply for readmission. (See the admission section of this Bulletin.)

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**CREDIT, POLICIES ON RECEIVING**

**Credit for Advanced Placement, International Baccalaureate, A Level, and Other Examinations**

The College participates in the Advanced Placement Program of the College Entrance Examination Board. Students who have taken Advanced Placement exams while in high school should have the Educational Testing Service in Princeton, NJ, forward their official scores to NYU Undergraduate Admissions, 383 Lafayette Street, New York, NY 10003.
No credit is given for AP tests taken after the completion of high school. In most subjects, if the score received is 4 or 5, credit will be granted. The AP credit will be lost, however, if a student takes the equivalent course for credit in the College. For more information, see the “advanced placement equivalencies” chart in the admission section of this Bulletin.

For information on IB, A Level, and the other international examinations for which CAS awards credit (minimum scores, course equivalencies, etc.), please see “credit by examination” and charts in the admission section of this Bulletin. No credit is given for international tests taken after the completion of high school.

The maximum number of credits allowed toward the degree requirements of the College that are a result of any possible combination of nonresident special examination programs (plus previous coursework, if applicable and approved) shall not exceed a total of 32.

**College Credit Taken While in High School**

Credit may be awarded to students who have completed college courses while in high school (credits from either a community college or a four-year college or university are acceptable), provided that: they received a grade of “B” or better in the courses; an official transcript from the college or university is received; and corresponding courses are offered at NYU. These courses must be taken on a college/university campus with college/university students, and must be taught by a college/university faculty member; college courses taught in high schools by secondary school instructors are not acceptable. Also note that NYU does not grant credit for college courses that are used to satisfy high school graduation requirements.

Students who enter CAS as freshmen can be awarded a maximum of 32 advanced standing credits; this limit includes both credit from AP and other exams and previous college credit.

**Credit for Courses in the College**

To receive credit for a course, the student must register before attending, meet the requirements for attendance, and creditably complete all examinations and assignments prescribed by the instructor. For exceptional students, most departments also offer independent study. The College does not permit students to register as auditors.

**Restrictions on Receiving Credit (Including Course Repeat Policy)**

A student who has taken a course for credit or who has obtained a W in a course is permitted to repeat that course once. Students may not repeat more than two courses during their undergraduate careers. Students may not repeat courses in a designated sequence after taking more advanced courses. The departments determine the sequencing of courses. Students with questions regarding the repetition of courses or course sequences must consult with the particular department offering the course. When a student repeats a course, no additional credit will be awarded. Both grades will be recorded and computed in the grade point average. Courses that a student repeated before internally or externally transferring or transitioning into CAS do not count against the two-course limit.

A limited number of credits may be earned by those in the military services who take correspondence courses in colleges approved by the United States Armed Forces Institute.

Students may not be registered at another university at the same time that they are registered in the College of Arts and Science.

**Double Counting Courses between Majors and Minors**

In some cases, course credit may be applicable to two majors, a major and a minor, or two minors, but only if the academic departments consider this appropriate. Students must then obtain written approval for the shared course(s) from the directors of undergraduate studies of both departments. No student may double count more than two courses. Some departments have set more restrictive sharing rules (a limit of one shared course, or none at all) as indicated in their sections of this Bulletin. No course may ever be triple-counted among any combination of three majors and/or minors.

**Credit for Courses at Other Schools and Divisions of New York University**

Courses may be taken in the New York University Graduate School of Arts and Science. 1000-level graduate courses may be taken as described in the departmental sections of this Bulletin, and 2000-level graduate courses may be taken with written approval of the instructor. If graduate courses are applied toward the completion of requirements for the baccalaureate degree, no advanced credit is allowed for them in the Graduate School of Arts and Science.

It is also possible for students to take courses in other undergraduate divisions of New York University and to have credits for these courses applied to the degree in the College.

Students may take a total of 16 points in other divisions, including any courses for
particular minors approved by the College. Transfer students should note that credits for non-liberal-arts courses (e.g., business, applied art, speech) taken at another institution count as part of the 16 points. Students seeking additional non-liberal-arts credits beyond the 16-point limit must speak with their academic adviser in the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

Some study away courses bearing the suffixes -AD/UH (NYU Abu Dhabi) and -SHU (NYU Shanghai) are approved not to count against each CAS student’s 16-point allowance in the other schools of NYU.

Please note that restrictions apply. Courses in other divisions that duplicate the contents of a College of Arts and Science course do not count toward the College degree. For details, students must check with an adviser in the College Advising Center before registering for any courses in other divisions. If a course is not approved, students will not receive credit for it. Independent study or internship courses taken in other divisions of the University do not count toward the College degree. If such courses are taken at schools outside the University, the credit will not transfer to the College.

Also excluded from credit toward the degree are any courses taken in the School of Professional Studies, and/or in the Liberal Studies Program, once a student is matriculated in the College. However, CAS students are allowed to take some specified advanced courses in Global Liberal Studies (GLS).

Internal and external transfer students to the College must complete 64 credits in CAS (-UA) courses; courses taken in the other divisions and schools of NYU (including NYU Abu Dhabi and Shanghai) cannot count toward this 64-credit requirement.

**Summer Credits**

Once admitted to the College, students must take all courses here, including those they need or wish to take during the summer. Exceptions are granted only rarely and only for good academic reasons.

Requests for a waiver should be made by submitting a petition to the Committee on Undergraduate Academic Standards in the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

Information about NYU summer course offerings is available during the preceding fall and spring terms, as is information about dormitory facilities available to students who usually commute.

**Credit for Independent Study**

Most departments offer independent study courses for students with exceptional qualifications. In these courses, the work is planned specifically for each student.

Independent study courses allow the student to work independently with faculty supervision and counsel. The courses typically carry variable credit of 2 or 4 points each term. They are normally limited to upper-class majors but may be open to other well-qualified students. To register for independent study, a student must have written approval of the director of undergraduate studies of the department in which the course is offered. The result of the independent study course should be a paper or objective, tangible evidence of completion of the work. The individual departments may grant credit for more than 8 points of independent study for work approved in advance. In general, students are not permitted to take more than 12 points of independent study and/or internship, and no more than 8 points may be taken in any one department. Internships and/or independent study courses taken in other divisions of the University or at other universities do not count toward the College degree.

More specific information can be found under the individual departmental sections.

**Credit for Transfer Students**

Students are allowed to transfer up to 64 credits to the College and must present official college transcripts. Credits based on semester hours are accepted from other institutions at face value and are not altered when they are transferred into the College. Quarter hours will be converted to semester hours to determine the number of credits transferable to the College of Arts and Science. Non-liberal-arts credits are not always transferable, and transfer credit is never awarded for independent study or internship courses. Only credits for course work taken with a grade of C or better will be transferred. Courses taken for a pass/fail grade will not transfer to the College.

Internal and external transfer students to the College must complete 64 credits in CAS (-UA) courses; courses taken in the other divisions and schools of NYU (including NYU Abu Dhabi and Shanghai) cannot count toward this 64-credit requirement.

**Credit for Non-NYU Study Abroad**

Credits based on semester hours (similar to schools in the United States) are accepted from institutions abroad at face value and are not altered when the credits transfer into the College. Often credits from institutions abroad must be adjusted or converted to correspond to
the College’s requirements for awarding credits. Approval to participate in a non-NYU study abroad is only obtained by completing an academic proposal. Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

When students receive approval to participate in a non-NYU program abroad, the specific courses they will take are approved and the number of transfer credits they will receive is specified.

Credit for Online Courses

CAS students can count up to four online courses (up to a total of 16 points) toward the baccalaureate degree. They can be taken in other NYU schools and/or be applied as external transfer credit. No prior approval is needed to take an NYU online course. However, students must petition to transfer in external online courses. Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

Online courses cannot meet the requirements of any CAS major or minor unless they are accepted and approved by the department’s director of undergraduate studies.

Students may not register for online (or any) course in NYU’s School of Professional Studies.

Online credits from for-profit institutions are not accepted.

Students must check the policies of graduate and professional schools they may plan to attend after graduation from NYU; not all programs will accept online credits.

EXAMINATIONS AND GRADES

Missed and Makeup Examinations

As noted under “grades,” below, a student who cannot take the final examination in a course at the regularly scheduled time may be given the grade of Incomplete. The student must discuss the reasons for missing the examination with the instructor and, in the case of illness, must submit a doctor’s note to the instructor. The student must ask the instructor to give a grade of Incomplete. Incompletes are not awarded automatically. The time and place of any makeup examinations are set by the instructor or the department.

Incomplete grades received because of a missed final examination must be removed within the semester following the one in which the Incomplete was received. In the case of students who are out of attendance, such grades must be removed within one year after the end of the course concerned. A grade of Incomplete that is not removed within this time limit becomes an F and is computed in the grade point average. (Regarding the removal of Incompletes received for missed work other than final examinations, see under “grades” and “Incompletes,” below.)

Grades

Students may obtain their final grades for each semester on Albert via home.nyu.edu. The parents or guardian of a student who is a minor (under 18 years of age) may, on a written request to the Office of the University Registrar, obtain the student’s grades at any time.

The following symbols indicating grades are used: A, B, C, D, P, F, NR, and W. The following symbol indicates incomplete work: I. Only grades of A, B, C, D, or F earned in any New York University course while matriculated in the College, or earned in any of the College’s courses (courses suffixed by “-UA”) while matriculated in another division of the University, are computed in the average. The following grades may be awarded: A, A-, B+, B, B-, C+, C, C-, D+, D, F. In general, A indicates excellent work, B indicates good work, C indicates satisfactory work, and D indicates passable work and is the lowest passing grade. F indicates failure.

By vote of the University Senate on March 29, 2018, the weights assigned in computing the grade point average are as follows, effective fall 2018 and thereafter. Grades and GPAs prior to fall 2018 will not change; for the pre-fall 2018 weighting of grades, please consult an archived CAS Bulletin.

A = 4.000
A- = 3.667
B+ = 3.333
B = 3.000
B- = 2.667
C+ = 2.333
C = 2.000
C- = 1.667
D+ = 1.333
D = 1.000
F = 0.000

Computing the Grade Point Average

The grade point average can be obtained by determining the total of all grade
points earned (quality points) and dividing that figure by the total number of credit hours completed (quality hours).

For example (using the grade weighting in effect before fall 2018): A student who has completed 8 points of A (4.0), 4 points of B (3.0), and 4 points of C (2.0) has a grade point average of 3.25. This is obtained by adding 8 (points of A) x 4.0 (point value of A), 4 (points of B) x 3.0 (point value of B), and 4 (points of C) x 2.0 (point value of C), which totals 52 (the total of all grade points earned), and then by dividing 52 by 16 (the total number of credit hours completed). This gives the grade point average of 3.25.

Policies on Assigned Grades

Once a final grade has been submitted by the instructor and recorded on the transcript, the final grade cannot be changed by turning in additional coursework.

Courses cannot be audited as a means of satisfying requirements for an incomplete grade or as a means of changing a previous grade.

To appeal an assigned grade, the student should first consult with the instructor who assigned the grade to discuss the grading requirements for the course and how the grade was determined. If the student is not satisfied with the outcome of the discussion and wishes to appeal the grade further, a formal written appeal should be submitted to the chair and/or director of undergraduate studies in the particular department. An independent review of the grade will be undertaken by the department. All of the student’s work will be reviewed to clarify how the grade was determined and to ensure the grade is consistent with the academic guidelines and policies of the department. The decision of the department in matters related to a course grade is final.

In the case of a course that has been repeated, for students who matriculate in or are re-admitted to CAS in fall 2012 and thereafter: both grades will be recorded on the transcript and both grades will be computed in the grade point average. When a student repeats a course, no additional credit will be awarded.

The grades for courses taken abroad in one of New York University’s programs or at one of the exchange sites are recorded on the transcript and are also included in the grade point average. The grades for graduate and professional courses taken at other divisions in the University are included in the grade point average, provided that permission to enroll is obtained prior to registration for the courses.

Not included in the undergraduate grade point average are grades for the first year of professional courses taken by those students in the three-year accelerated dental program and grades for work done at institutions other than New York University (except for exchange sites abroad).

Grade of P

The grade of P (Pass) indicates a passing grade (A, B, C, or D) in a course taken under the Pass/Fail option. It is also used to indicate nongraded courses. The grade of P is not computed in the average. The grade of F under the Pass/Fail option is computed in the average. For more information and procedures to obtain the Pass/Fail option, see the section “Pass/Fail option,” below.

Grade of W

The grade of W indicates an official withdrawal of the student from a course in good academic standing. Please see “change of program” and “withdrawing from courses,” above, for information on the regulations and procedures for withdrawing officially from courses.

Grade of I

The grade of I (Incomplete) is a temporary grade that indicates that the student has, for good reason, not completed all of the course work but that there is the possibility that the student will eventually pass the course when all of the requirements have been completed. A student must ask the instructor for a grade of I, present documented evidence of illness or the equivalent, and clarify the remaining course requirements with the instructor.

The Incomplete grade is not awarded automatically. It is not used when there is no possibility that the student will eventually pass the course. Courses cannot be audited as a means of satisfying requirements for an Incomplete grade. If the course work is not completed after the statutory time for making up Incompletes has elapsed, the temporary grade of I shall become an F and will be computed in the student’s grade point average.

Grade of NR

Grades not entered by the course instructor or academic department within 60 days from the grade deadline will lapse to NR (No Record). Courses with NR grades will not count toward earned credit and will not factor into the GPA, but will count as credits attempted and will impact academic progress evaluations used for financial aid eligibility. Students may not graduate with NR grades on their transcript without a formal documented exception approved by the CAS Office of the Associate Dean for Students.

Grade of R

This grade is only used for audited
courses. Auditors must be fully registered (by an administrator, via an add/drop slip) in Albert for audited courses and pay full tuition, but do not earn credit. The grade of R is not computed in the grade point average.

Incompletes

All work missed in the fall term must be made up by the end of the following spring term. All work missed in the spring term or in a summer session must be made up by the end of the following fall term. Students who are out of attendance in the semester following the one in which the course was taken have one year to complete the work. Students should contact the College Advising Center (726 Broadway, 7th floor; 212-998-8130) for an extension of Incomplete form, which must be approved by the instructor. Extensions of these time limits are rarely granted.

Pass/Fail Option

Students may elect one Pass/Fail option each term, including the summer sessions, for a total of not more than 32 points during their college career. The Pass/Fail option is not acceptable for courses completed at other institutions.

The choice must be made before the completion of the ninth week of the term (second week of a six-week summer session); after that time, the decision cannot be initiated or changed. No grade other than P or F will be recorded for those students choosing this option. P includes the grades of A, B, C, and D and is not counted in the average. F is counted in the average. The Pass/Fail option is not acceptable in the major, the minor, or any of the courses taken in fulfillment of the College Core Curriculum requirements. Students considering the Pass/Fail option in their area of study or in required preprofessional courses should consult with their advisers about the effect of such grades on admission to graduate and professional schools. Students who change their majors may not be able to use courses taken under the Pass/Fail option to satisfy the requirements of their new majors. To declare the Pass/Fail option before the end of the ninth week of the semester or the end of the second week of a six-week summer session, students must consult with an adviser in the College Advising Center, 726 Broadway, 7th floor; 212-998-8130. Advisers submit the request on students’ behalf.

Placement Examinations, Degree Progress Reports, Transcripts, and Diplomas

Placement Examinations in Foreign Languages

Most entering students take a placement test prior to their first registration in the College. Students who took a foreign-language SAT subject test while in high school are encouraged to present the score instead of or in addition to taking the College’s test. (Please consult the table on SAT subject exams and the College Core Curriculum in the admission section of this Bulletin. Note that the College Board discontinued the subject exams as of January 2021 in the U.S. and after June 2021 internationally.)

Placement exams for the following languages are accessible online: Cantonese, French, German, Greek (modern), Hebrew, Italian, Japanese, Korean, Latin, Mandarin (traditional and simplified), Portuguese, Russian, Spanish, and Tagalog (Filipino). To take an exam, go to nyu.edu/cas/flpexam and follow the appropriate links.

Online exams in these languages are for placement only, not exemption. Eligibility to take an in-person, paper exam for exemption from the CAS foreign language requirement is determined by a student’s score on the online placement exam.

Some languages do not have online placement exams and are only tested on paper: Gaelic (Irish), arranged through Ireland House; and Arabic, Turkish, Persian, Hindi, and Urdu, all arranged through the Department of Middle Eastern and Islamic Studies. These written exams result either in an exemption from the foreign language requirement (see “foreign language” under College Core Curriculum in this Bulletin) or in placement into the appropriate-level course.

Whether online or written, these are reading examinations; students should choose to be tested in the language in which they have good reading skills.

Placement into a lower-level course means that the student must continue his or her studies of that language (or begin a new language) until completion of the intermediate two level of that language. In some cases, adjustments in placement may be made during the first weeks of class. Students who place at a level below that which they have completed at another college will lose transfer credit if they repeat foreign language course work at the College of Arts and Science.
A foreign language examination is required of all entering students with the following exceptions: students who will begin a language they have not previously studied; students whose entire secondary schooling was in a language other than English; and those who complete the sequence of required Expository Writing courses for international students. Students in these categories should contact the College Advising Center to verify that they have satisfied the foreign language requirement.

Information on foreign language placement and exemption testing can be obtained from the Office of Academic Affairs, 726 Broadway, 7th floor; 212-998-8110; cas.nyu.edu/academic-programs/academic-support-services/placementexams or by email: cas.placementexams@nyu.edu.

Placement Examinations in Calculus and Mathematics for Economics

Students who intend to register for Calculus I (MATH-UA 121) or Mathematics for Economics I (MATH-UA 131; formerly 211) and do not meet any of the prerequisites listed in the mathematics section of this Bulletin must take a placement exam to determine their readiness to enter calculus. Students can also take placement exams to skip ahead in the Calculus I-II-III and Mathematics for Economics I-II-III sequences. Contact the Department of Mathematics, 251 Mercer Street; 212-998-3005; math.nyu.edu.

Placement into Writing Courses for English as a Second Language Students

In CAS, for most students, Writing the Essay (EXPOS-UA 1) fulfills the College Core Curriculum writing requirement. Writing the Essay requires frequent analytical and reflective writing, which is common in other courses throughout NYU. The writing and reading assignments are challenging even for native speakers of English, and require them to develop conceptual frameworks for their arguments and ideas by working with a wide range of sophisticated and complex sources at a pace comfortable for most native speakers.

NYU recognizes that international students come with varying levels of language competency and fluency and require more time to complete challenging reading and writing assignments. For international students, there are alternate pathways to satisfying the Core writing requirement.

1) International students who attended English-language high schools for four years may be uncertain about the default placement into Writing the Essay (EXPOS-UA 1). For those students, an option is placement within the International Writing sequence, beginning with International Writing Workshop I (EXPOS-UA 4), followed by International Writing Workshop II (EXPOS-UA 9). The expectations for International Writing Workshop I and II are the same as for Writing the Essay, but the classes are smaller and there is more time (two semesters) to complete the curriculum. For help determining whether Writing the Essay or International Writing Workshop I is the better choice for international students who attended English-language high schools, please visit the Expository Writing Program webpage: ewp.cas.nyu.edu.

2) International students who did not attend English-language high schools for four years are asked to take a survey designed to determine appropriate placement. Based on their survey responses, these students may be placed into International Writing Workshop: Introduction (EXPOS-UA 3), which is followed by International Writing Workshop I (EXPOS-UA 4) and then by International Writing Workshop II (EXPOS-UA 9). The preliminary course, International Writing Workshop: Introduction, is taught in an environment where gaining fluency in reading, writing, and speaking in English is an expected part of the coursework, and offers the international student more time and support for reading, writing, and speaking. It is possible for students in International Writing Workshop: Introduction to be reevaluated at the end of the course for possible waiver of International Writing Workshop I (EXPOS-UA 4) and direct placement into International Writing Workshop II (EXPOS-UA 9). For questions about survey results, please consult with your adviser and the survey team: ewp-writingsurvey@nyu.edu.

Degree Progress Report

All students have access to their degree progress report, as generated by the Office of the University Registrar, on Albert via NYUHome. It is located in the Academics section of the Student Center. The degree progress report is a Student Information System (SIS) accounting of completed and remaining degree requirements.

Transcripts of Record

Unofficial transcripts are available on Albert, NYU’s Web-based registration and information system. Albert can be accessed via NYUHome. Students requiring a stamped and sealed copy of their New York University records should request an official copy of their University transcript from the Office of the University Registrar. Requests for official transcripts require the signature of the student/alumnus requesting the transcript, unless the student/alumnus has a valid NetID.
Current students and graduates with a valid NYU NetID (able to access NYUHome/Albert) who attended NYU in or after 1990 can request an official transcript from the Albert Student Center. The Official Transcript link can be found under the Grades & Transcripts section of the Student Center.

Alumni who attended NYU prior to 1990 and have a valid NetID can go to the secure online transcript request form and log in with their NetID and password. A signed consent form is not required.

Before completing their transcript request, current students should check to ensure that all their grades have been posted. Recent graduates should check to ensure that their degree has been recorded.

Any transcript request that requires any special handling must go through the secure online transcript request form (nyu.edu/registrar/transcript-form) and cannot be requested on Albert. Special handling includes: (1) sending transcripts by express mail; (2) transcripts sent to the student or alumnus/a in separate sealed envelopes addressed to admissions offices of other universities; (3) including additional documents to be sent along with the NYU transcript.

Former students who no longer have a valid NetID (unable to access NYUHome/Albert) or who attended New York University prior to 1990 must complete the secure online transcript request form (nyu.edu/registrar/transcript-form) and mail/fax/email the signature page to the Office of the University Registrar. Alternatively, they may write a letter to request transcripts and send this to the registrar. A signed consent form is required. The request letter must include all of the following information:

- University ID number
- Current name and any other name under which the graduate attended NYU
- Current address
- Date of birth
- School of the University attended
- Dates of attendance
- Date of graduation
- The full name and address of the person or institution to which the transcript is to be sent

The request may be faxed to 212-995-4154 or mailed to New York University, Office of the University Registrar, Transcripts and Certification, P.O. Box 910, New York, NY 10276-0910. There is never any charge for academic transcripts. Transcripts cannot be produced for anyone whose record has been put on hold for an outstanding University obligation.

### Requesting Enrollment Verification

Students can view/print their own enrollment certification directly from Albert using the integrated National Student Clearinghouse student portal. This feature can be accessed from the Enrollment Verification link in the Grades and Transcripts section of the Student Center. Eligible students are also able to view/print a good student discount certificate, which can be mailed to an auto insurer or any other company that requests proof of status as a good student (based on the cumulative GPA).

Former students who no longer have a valid NetID (unable to access NYUHome/Albert) can request a copy using the Enrollment/Degree Completion Request form at registrar.nyu.edu. The signed consent form may be emailed to certifications@nyu.edu, faxed to 212-995-4154, or mailed to New York University, Office of the University Registrar, Transcripts and Certification, P.O. Box 910, New York, NY 10276-0910.

Verification of enrollment or graduation may also be requested by submitting a signed letter via email/fax/mail to the Office of the University Registrar with the following information:

- University ID number
- Current name and any name under which the student or graduate attended NYU
- Current address
- Date of birth
- School of the University attended
- Dates attended
- Date of graduation
- The full name and address of the person or institution to which the verification is to be sent

### Arrears Policy

The University reserves the right to deny registration and withhold all information regarding the record of any student who is in arrears in the payment of tuition, fees, loans, or other charges (including charges for housing, dining, or other activities or services) for as long as any arrears remain.

### Diploma Arrears Policy

Diplomas of students in arrears will be held until their financial obligations to the University are fulfilled and they have been cleared by the bursar. Graduates with a diploma hold may contact the Office of the Bursar at 212-998-2806 to clear arrears or to discuss their financial status at the University.

### Diploma Application

Students may officially graduate in September, January, or May. The all-University Commencement ceremony is held in May. The College holds a baccalaureate ceremony in May. Students must apply for graduation on Albert, and they must be enrolled for either course work, leave of absence, or maintenance of matriculation during their final semester.
To graduate in a specific semester, students must apply for graduation within the application deadline period indicated on the calendar available at the Office of the University Registrar’s web page. It is recommended that students apply for graduation no later than the beginning of the semester in which they plan to complete all program requirements. Students who do not successfully complete all academic requirements by the end of that semester must reapply for graduation for the following cycle.

ACADEMIC STANDARDS AND DISCIPLINE

Academic Standards
The Committee on Undergraduate Academic Standards reviews student records throughout the academic year. All of its actions are based on the grades to date at the end of the term.

Academic Alert
Students with cumulative grade point averages of 2.0 to 2.25 will receive an academic alert letter reflecting the committee’s specific recommendations for achieving an appropriate standard for academic performance.

Academic Probation
Any student whose record is deemed unsatisfactory will be placed on academic probation and will be so informed by email. A record will be deemed unsatisfactory if, in any semester, the cumulative or semester grade point average falls below 2.0 or if it fails to show steady and substantial progress toward the degree. Steady and substantial progress toward the degree entails the completion, with satisfactory grades, of more than half of the courses (and points) for which a student registers in any semester. In addition, it entails satisfactory progress in the student’s major. Failure to satisfy the conditions of probation will result in further academic sanctions and possibly dismissal from the College. The conditions usually require that the student, within the next 16 points of coursework, (a) achieve a grade point average of at least 2.0 during the term he or she is on probation, (b) not receive any grade below a C or any grade of I, and (c) not withdraw from any course without securing the permission of the Committee on Undergraduate Academic Standards prior to the withdrawal. Students on academic probation are also required to have a special probation interview with an adviser in the College Advising Center to receive registration clearance for the next semester. More specific requirements may be imposed.

The Committee on Undergraduate Academic Standards may summon students with unsatisfactory records to discuss their problems and to determine whether and under what conditions they may continue in the College. In special circumstances, the committee may recommend to the dean that students may be granted or placed on leave for a period not to exceed two semesters.

Students on academic probation may not engage in any extracurricular activities (except for departmental clubs) and may not hold office in these clubs without the approval of the Committee on Undergraduate Academic Standards.

Students on academic probation should be aware that they are usually ineligible for financial aid.

Academic Dismissal
Students who are dismissed from the College for poor academic performance will be informed via email. Students who have paid tuition for the next term at the time of dismissal will receive a full refund of tuition and fees.

Academic Integrity

A community of the mind
The College is a “community of the mind.” Its students, faculty, and staff all share the goal of pursuing truth through free and open inquiry, and we support one another’s endeavors in this regard. As in any community, membership comes with certain rights and responsibilities. Foremost among these is academic integrity. Cheating on an exam, falsifying data, or having someone else write a paper undermines others who are “doing it on their own”; it makes it difficult or impossible to assess fairly a student’s interest, aptitude, and achievement; and it diminishes the cheater, depriving him or her of an education. Most important, academic dishonesty is a violation of the very principles upon which the academy is founded. For this reason, violations of these principles are treated with the utmost seriousness.

College of Arts and Science Honor Code
As a student in the College of Arts and Science at New York University, you belong to a community of scholars who value free and open inquiry. Honest assessment of ideas and their sources is the foundation of what we do.

Our University is a community of mutual
trust and respect in which personal prejudice has no part in the critical evaluation of ideas. It is a place where differences of opinion can be subjected to deliberate and reasonable examination without animus. As scholars, it is therefore as a matter of honor and good repute that we each commit ourselves to assuring the integrity of our academic community and of the educational pursuits we undertake together.

As a student in the College, I pledge that:

• I shall perform honestly all my academic obligations. I will not represent the words, works, or ideas of others as my own; will not cheat; and will not seek to mislead faculty or other academic officers in their evaluation of my course work or in any other academic affairs.

• I shall behave with decorum and civility, and with respectful regard for all members of the University—faculty, staff, and fellow students—our guests, and members of our wider communities.

• I shall abide by the College and by the University rules of conduct and policies on academic integrity and by the special requirements of any individual course of study or other academic activity.

• I shall endeavor earnestly to uphold the values, standards, and ideals on which our University community depends and call on others to do so.

**Discipline: College of Arts and Science Rules and Procedures on Student Misconduct**

The Faculty of Arts and Science Committee on Student Discipline oversees the academic conduct of students in the College of Arts and Science and the Graduate School of Arts and Science. Gathered here are a number of resources for faculty and students, including the rules and procedures for adjudicating academic disciplinary offenses concerning students in the College and the Graduate School, and other relevant University rules, policies, and procedures. Effective August 12, 2018, allegations of non-academic misconduct, as outlined in the University Student Conduct Policy (nyu.edu/about/policies-guidelines-compliance/policies-and-guidelines/university-student-conduct-policy), against a student of the College of Arts and Science or the Graduate School of Arts and Science, shall be addressed pursuant to the procedures set forth in the NYU Student Conduct Procedures (nyu.edu/students/student-information-and-resources/student-community-standards/studentconductprocedures) and administered by the Office of Student Conduct and Community Standards under the authority of the Senior Vice President of Student Affairs. Allegations of academic misconduct (plagiarism, cheating, etc.) against a student of the College of Arts and Science or the Graduate School of Arts and Science shall continue to be addressed by the school in accordance with established procedures.

**Faculty of Arts and Science Statement on Student Discipline**

New York University is a community of scholars who value free and open inquiry. Our work depends on honest assessment of ideas and their sources; and we expect all members of our community to maintain the highest integrity in their academic work. As scholars committed to the critical evaluation of ideas, free of personal prejudice, we also have an obligation to one other to create an educational atmosphere of mutual trust and respect in which differences of opinion can be subjected to deliberate and reasonable examination without animus. Because of the central importance of these values to our intellectual life together, students who fail to maintain them will be subject to academic disciplinary sanction, which may include dismissal from the University.

Academic Disciplinary offenses include but are not limited to:

- cheating, plagiarism, falsification of data or sources, forgery of academic documents in attempt to defraud;
- destruction, theft, or unauthorized use of laboratory data, or research materials.

The following penalties may be imposed by the faculty for disciplinary infractions:

- Warning
- Probation
- Suspension
- Dismissal

**Rules and Procedures**

1. General Principles

a) Student academic misconduct includes plagiarism, cheating, and possession of or use of any prohibited notes, reference resources, or data processing or other devices in any class or examination; and forgery of academic documents in attempt to defraud.

b) In cases of academic misconduct, evaluation of the student’s academic performance is distinguished from disciplinary adjudication of the offense. The question of what grade the student’s work should earn is distinct from that about whether a disciplinary sanction should also be imposed. When a student is found to have engaged in academic misconduct, the instructor may reduce the student’s grade for the assignment or for the course as a whole; however, such a determination is an academic
judgment made by the instructor in accord with the expectations of the department or program offering the course and is not a form of disciplinary sanction. The question of whether a disciplinary sanction should also be imposed is separate from this academic determination, as specified in the procedures described herein.

2. Academic Misconduct—Academic Review

a) When it is believed that violations of academic integrity may have occurred it is within the discretion of the faculty member to address the matter informally with the student should the infraction be judged insubstantial or should the evidence be inconclusive. In such cases the faculty member may determine that no grade reduction is warranted.

b) Should the faculty member judge the violation substantial and well supported by the evidence, he or she may, with the assent of the Director of Undergraduate Studies (or, if the Director of Undergraduate Studies is the instructor, with the chair or another academic director in the department or program, or if the department or program is too small, in an ad hoc consultation with a chair or academic director of another department or program from the same academic division) reduce the student’s grade or assign the student a failing grade for the assignment in question or for the course as a whole. This grade reduction only reflects the student’s failure credibly to complete the academic requirements in question and is not a disciplinary sanction. The grade reduction should be proportional to the size and weight of the incident of academic misconduct among all requirements for the course and appropriate to the level at which the course is offered.

c) In order to better educate the student about the CAS standards for academic integrity, the faculty member and/or the Director of Undergraduate Studies should meet with the student to discuss the nature of the offense and the action taken. This responsibility of the faculty should not be delegated to recitation or laboratory instructors or other course assistants.

d) For incidents of academic misconduct, the student’s appeal of the grade reduction is limited to departmental review conducted by the Director of Undergraduate Studies and/or the Department Chair, as specified in the CAS policy for grade appeals. The review will be limited to the question of whether the reduction in grade was made fairly and in keeping with the expectations of the department or program.

e) The decision of the department or program on the student’s appeal is final.

3. Academic Misconduct—Reporting and Disciplinary Referral

a) In all instances in which there has been a finding that a CAS student committed a substantial violation of academic integrity standards of CAS or of any of its departments or programs, the Director of Undergraduate Studies will inform the student within seven (7) calendar days in writing and/or via email of any action taken and send copies of this letter to the CAS Associate Dean for Students, the faculty member, and the Department Chair or Program Director. The letter will include the nature of the violation, any resulting reduction in grade, and notice of the student’s right to appeal. A copy of the correspondence and the evidence of the violation shall be kept in a confidential file maintained by the Director of Undergraduate Studies.

b) The Director of Undergraduate Studies will also within seven (7) calendar days inform the CAS Associate Dean for Students in writing and/or via email of the student’s violation, forward to the dean the evidence of the violation, and send a copy of the correspondence to the faculty member and to the Department Chair or Program Director.

c) If this is the student’s first incident of academic misconduct, the Associate Dean for Students will warn the student in person and in writing that a suspension or a more severe penalty may result from a second academic integrity offense of any kind.

d) If this is the student’s second or further incident of academic misconduct, the Associate Dean for Students will meet with the student, discuss the evidence of academic misconduct, and provide the student an opportunity to respond. The student will be informed of his or her right to accept or reject a resolution by the Associate Dean. After considering all relevant information, the Associate Dean may offer the student terms upon which CAS is willing to resolve the matter, which may include imposition of a disciplinary sanction. Where the student and the Associate Dean agree to terms in writing, a binding consensual resolution will exist between the student and CAS. Where the Associate Dean is unable to resolve the complaint by consensual resolution, the matter will be referred to the Committee on Student Discipline.

e) In all instances in which there has been a finding that a non-CAS student committed a substantial violation of academic integrity standards of CAS or of any of its
departments or programs, the Director of Undergraduate Studies will proceed in accord with the procedures under (a) and (b), except that notice will be made instead to the Dean of Students of the student’s school.

4. Non-academic Behavioral Misconduct

All students are expected to abide by the expectations set forth in the University-wide Student Conduct Policy. Allegations of non-academic misconduct against a student of the College of Arts and Science shall be addressed pursuant to the NYU Student Conduct Procedures administered by the Office of Student Conduct and Community Standards under the authority of the Senior Vice President of Student Affairs. Complaints of student behavioral misconduct should be made to the CAS Associate Dean for Students. When such a complaint is received, the Associate Dean will notify the University Office of Student Conduct.

Discipline: Definitions of Sanctions

Approved by the Faculty of Arts and Science, April 21, 2014:

Warning: Written reprimand, including notice that a one-semester suspension or a more severe penalty may result from a second disciplinary offense within the period of the censure specified in the letter of reprimand.

Disciplinary probation: Suspension of privileges or exclusion from participation in extracurricular University activities as set forth in the notice of disciplinary probation for a specified period of time.

Suspension: Exclusion from classes as well as suspension of privileges and exclusion from other activities as set forth in the notice of suspension for a definite period of time. A student who has been suspended and against whom charges are dismissed or not sustained will be allowed full opportunity to make up whatever work was missed due to the suspension.

Dismissal: Termination of student status for an indefinite period. The conditions for readmission, if any are permitted, will be stated in the order of dismissal.

Student Grievance

Students in the College of Arts and Science are referred to the “student grievance procedure” applicable to all the schools of New York University as found in the NYU Students’ Guide. The College adheres to all articles of the “student grievance procedure” as set forth in the “University Policies and Procedures” section of the NYU Student’s Guide.

PETITIONS

The Faculty Committee on Undergraduate Academic Standards will consider petitions from students to waive requirements or modify policies and regulations of the College. Students should be aware that only very exceptional cases, supported by valid and documented reasons, will be considered. After deliberation, the committee’s decisions on such matters are final.

Petitions are filed through the Office of the Associate Dean for Students, 726 Broadway, 7th floor; 212-998-8140; cas.nyu.edu/academic-standards.

UNIVERSITY POLICIES AND CAMPUS SAFETY

University Policy on Patents

Students offered research opportunities are reminded that inventions arising from participation in such research are governed by the University’s “statement of policy on patents,” a copy of which may be found in the Faculty Handbook or obtained from the dean’s office.

Immunization Requirements

New York State Public Health Law (NYS PHL) 2165 requires all students registering for 6 or more credits in a degree-granting program to provide immunization documentation for measles (rubeola), mumps, and rubella (German measles) prior to registration. Students born before January 1, 1957, are exempt. New students should complete the MMR section of the student health history form. Continuing students should complete and submit a student immunization record form.

New York State Public Health Law (NYS PHL) 2167 requires that all students registered for 6 or more credits submit a meningitis response form as formal confirmation of their decision as to whether or not to be immunized with
the meningococcal (meningitis) vaccine. New students should complete the meningitis response section of the student health history form. Continuing students should complete and submit a meningitis response form.

Failure to comply with state immunization laws will prevent NYU students from registering for classes. In addition to these requirements, the NYU Student Health Center recommends that students also consider hepatitis B and varicella immunizations. Students should discuss immunization options with their primary care provider.

**Bias Response Line**

The New York University Bias Response Line provides a mechanism through which members of our community can share or report experiences and concerns of bias, discrimination, or harassing behavior that may occur within our community. Instances of such behavior may be reported by telephone, 212-998-2277, or by email, bias.response@nyu.edu. Experienced administrators in the Office of Equal Opportunity receive and assess reports, and then help facilitate responses, which may include referral to another University school or unit, or investigation if warranted according to the University’s existing Non-Discrimination and Anti-Harassment Policy (nyu.edu/about/policies-guidelines-compliance/equal-opportunity/harassment-and-discrimination).

**Campus Safety**

The Department of Public Safety is located at 7 Washington Place; telephone: 212-998-2222; 212-998-2220 (TTY).

New York University’s annual campus security report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus buildings or property owned or controlled by NYU, and on public property within or immediately adjacent to the campus. The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, drugs, and alcohol. Students may obtain a copy of the current report by contacting Thomas Grace, Director of Judicial Affairs and Compliance, Office of the Vice President for Student Affairs (601 Kimmel Center: 212-998-4403), or Jay Zwicker, Crime Prevention Manager, Department of Public Safety (7 Washington Place: 212-998-1451), or by visiting the following website: nyu.edu/public.safety/policies.

**New York University Weapons Policy**

New York University strictly prohibits the possession of all weapons, as described in local, state, and federal statutes, including, but not limited to, firearms, knives, and explosives, in and/or around any and all University facilities—academic, residential, or others. This prohibition extends to all buildings—whether owned, leased, or controlled by the University. The possession of a simulated firearm has the potential of creating a dangerous situation for the bearer and others.

The only exceptions to this policy are instances in which (1) the bearer is in possession of written permission from a dean, associate dean, assistant dean, or department head and (2) such possession or use of simulated firearms is directly connected to a University- or school-related event (e.g., play, film production). Whenever an approved simulated firearm is transported from one location to another, it must be placed in a secure container in such a manner that it cannot be observed. Storage of approved simulated firearms shall be the responsibility of the Department of Public Safety in a location designated by the vice president for public safety. Under no circumstances, other than at a Public Safety storage area, may approved simulated firearms be stored in any University-owned, -leased, or -controlled facilities.
Honors and Awards

Matriculated students with superior academic records are honored in various ways, such as by placement on the Dean’s Honors List, election to honor societies, and admission to departmental honors programs. Additional information may be obtained from departmental advisers and from the College Advising Center, 726 Broadway, 7th floor; 212-998-8130.

HONORS

Dean’s Honors List
A Dean’s Honors List is compiled at the end of each academic year, in June. This is an honor roll of matriculated students who have achieved an average of 3.65 or higher for that academic year (September to May) in at least 28 graded points. To be listed, a student must not have any grades of Incomplete or N at the time the list is compiled. Note that grade point averages are carried to three decimal places (but are not rounded off).

Honorary Societies in Arts and Science
Any student seeking to join a departmental scholastic honorary society is required to maintain, as a minimum scholastic requirement for election to membership, a general average of 3.50, as well as an average in the major subject of 3.50. Students should consult with departmental advisers in regard to the specific requirements for the various departmental honor societies.

Phi Beta Kappa
Phi Beta Kappa celebrates and advocates excellence in the liberal arts and sciences, and the Phi Beta Kappa Society invites for induction the most outstanding arts and science students in America’s leading colleges and universities. NYU’s College of Arts and Science chapter, the Beta of New York, was established in 1858. In terms of seniority, it ranks as the 15th oldest chapter of the society.

Each April, the faculty members of the Beta chapter automatically review the academic performance of all students in the College for eligibility for election to Phi Beta Kappa.

Eligibility for Graduation with Latin Honors
To be graduated with honors, a student must have at least 64 points earned in courses from CAS, GSAS, and selected Tisch departments. All graded courses taken while enrolled either in the College or in another school of NYU will be used in computing the grade point average on which Latin honors are based, as long as the 64-point residency requirement is met. Pass (P) grades are not counted; grades received in courses taken at other institutions are also not counted. The student must also have a clean record of conduct.

Effective with the September 2008 graduating class, the GPA cutoffs for each category are determined by the combined GPA distribution from the preceding academic year, all graduation moments included. The cutoff for summa cum laude is the GPA included within the top 5 percent of the previous year’s graduating class. The cutoff for magna cum laude is the GPA included within the next 10 percent of the previous year’s class. The cutoff for cum laude is the GPA included within the next 15 percent of the previous year’s class. For example, the necessary GPA level for summa cum laude for students graduating in September 2008 will be based on the GPA cutoff for the top 5 percent of the combined graduates from September 2007, January 2008, and May 2008. More information and current GPA cutoffs can be found on the Registrar’s graduation honors page.

Departmental Honors
Students who have completed at least 64 points of graded work in the College may be awarded degrees with departmental honors if they complete the designated honors sequence in a department and maintain the requisite grade point average. There are two levels: honors and high honors.

Students seeking admission to and graduation with departmental honors are expected to have a minimum grade point average of 3.65, both overall and
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in the major. Departments may exercise some flexibility: in rare cases where a candidate for admission to a departmental honors program falls short of the expected minimum GPA, the director of undergraduate studies or the director of departmental honors may petition the director of college honors for an exception. In all cases, once admitted, students are expected to maintain the GPA at the stipulated level in order to graduate with departmental honors. Should there be an exceptional circumstance in which the stipulated GPA is not maintained, the director of college honors may be petitioned for an exception. If the case is compelling, the latter will inform the registrar’s office of the waiver.

Honors programs must, minimally, be a two-term (8-point) experience that includes a capstone research project. The capstone project, which typically culminates in a thesis, should reflect sustained original research over two semesters. The scope and length of a thesis will vary by discipline, but the thesis is typically 40 to 60 pages in length.

All students completing departmental honors must make public presentations of their work, preferably at the CAS Undergraduate Research Conference (URC) held at the end of the academic year, or in a departmental forum (e.g., oral defenses or presentations) held in conjunction with the URC.

Students with double majors in discrete, unrelated disciplines must complete honors programs in each major for which they seek honors. Students with double majors in interdisciplinary or related fields may, if the two departments concur, convene a joint honors committee to establish an interdisciplinary research program of course work that culminates in a single thesis. Similarly, in the case of joint majors, the relevant departments must work out an agreement on the requirements for honors and on the supervision and evaluation of students' theses or projects.

**Presidential Honors Scholars**

Membership in the Presidential Honors Scholars at the College of Arts and Science offers outstanding students the opportunity to receive special advising from College faculty and staff, to challenge themselves in honors courses and through independent research, to study away, to take advantage of New York City’s cultural resources, and to develop leadership skills through community service. Scholars comprise a distinguished group of undergraduates; only the top 10 percent of the entering class are chosen, and students who apply for entry after they have matriculated must demonstrate not only superlative academic achievements but also a consistent record of leadership and service to the community.

First-year students appointed on the basis of their high school records participate in a Scholars Seminar. They meet regularly for lectures and discussions and participate in a wide variety of cocurricular activities. These include the Scholars Lecture Series, cultural events in the city, social events, and community service projects. During the January intersession, first-year scholars travel with faculty mentors to NYU Florence, Italy. Sophomore scholars also participate in a trip abroad, choosing a destination that most closely relates to their academic or personal interests. During their junior or senior year, scholars spend an entire semester (or year) studying at one of NYU’s programs or exchanges away. In their junior and senior years, they also enroll in the honors track of their chosen major. In addition, Presidential Honors Scholars are committed to volunteering and serving in the community.

Membership in the scholars program is renewable annually, depending on the quality of the scholar’s academic records and his or her level of participation in the program. All scholars are expected to be full-time students and maintain a grade point average of at least 3.65. Students who are not designated as Presidential Honors Scholars for the first-year students are invited to apply for membership at the end of the spring semester.

Further information is available from the Office of the Associate Dean for Students, 726 Broadway, 7th floor (212-998-8140) or from the Office of Undergraduate Admissions, 383 Lafayette Street, 2nd Floor (212-998-4550).

**Martin Luther King, Jr., Scholars Program**

Since its inception in 1987, the Martin Luther King, Jr., Scholars Program has awarded over 400 need-based and merit scholarships to incoming freshmen at NYU. These students present records of outstanding academic achievement, leadership, and commitment to the principles of community service, humanism, and social progress. MLK Scholars help to plan and participate in academic and cultural events that draw on the vast resources of New York University and New York City. They explore cultural diversity through domestic and international travel and take the lead in helping others through community service.

**Lewis Rudin City Scholars**

Rudin Scholars are outstanding entering freshmen selected from public and parochial high schools in all five boroughs of New York City. In addition to their scholarship, the scholars participate in academic and cultural activities in New York City. The program is named in honor of the late real estate developer.
Lewis Rudin, former president of the Association for a Better New York and an NYU alumnus and trustee.

**COLLEGE-WIDE AND DEPARTMENTAL AWARDS AND PRIZES**

To recognize the outstanding academic achievements of its students, the College and its departments award numerous awards and prizes to a select number of students who have demonstrated excellence in their field of study. These awards and prizes have been made possible through the generous donations and contributions of friends and alumni of the College. For more information on individual awards and recent recipients, please visit the CAS academic honors page at [cas.nyu.edu/academic-programs/honors-programs](http://cas.nyu.edu/academic-programs/honors-programs).
The College of Arts and Science offers students a wide variety of activities outside the classroom: curriculum-related clubs, special events, and service to the community and the University. Students participate in faculty meetings and departmental committees and sit as voting members of the University Senate.

The vigor of intellectual life at college after hours is found in curriculum-related clubs that embrace all academic disciplines. For example, the Classics Club is noted for guest lecturers, Greek and Latin reading groups, discussion groups on classical civilization, and productions of ancient tragedy and comedy in the original language and in English. Bus trips are organized by various clubs (such as the Art History, History, and Classics Clubs) to museums and private collections in other cities. Clubs associated with the sciences visit research laboratories, hospitals, and industrial plants. Students may become members of the Choral Arts Society, the NYU Concert Band, the NYU Jazz Ensembles, the NYU Orchestra, the NYU Woodwind Ensembles, the NYU Chamber Music Society, and Collegium Musicum.

The CAS Student Council sponsors other cocurricular activities. Students serve the community in various ways, volunteering time to settlement houses or tutoring high school students. In addition, a variety of activities is open to all students at Washington Square: student councils representing all undergraduate and graduate students; science and professional societies; political, religious, and cultural groups; fraternities; sororities; student publications, including the Washington Square News; and the radio station, WNYU-FM. For further information about all-University activities, contact the Center for Student Life, 212-998-4411; student-life@nyu.edu.
Counseling Services
College Counseling Service
726 Broadway, 7th floor
Telephone: 212-998-8150

Counseling and Wellness Services
726 Broadway, Suite 471
Telephone: 212-998-4780

The Wellness Exchange
726 Broadway, Suite 402
Telephone: 212-443-9999 (24 hours a day, 7 days a week)
E-mail: wellness.exchange@nyu.edu

Dining
NYU Dining Services
E-mail: AskCampusServices@nyu.edu
Website: nyu.edu/dining

Disabilities, Services for Students with
Henry and Lucy Moses Center for Student Accessibility
726 Broadway, 2nd Floor
Telephone: 212-998-4980
(voice and TTY)
E-mail: mosescsd@nyu.edu

Health
Student Health Center (SHC)
726 Broadway, 3rd and 4th Floors
Telephone: 212-443-1000

Wellness Exchange
726 Broadway, Suite 402
Telephone: 212-443-9999 (24 hours a day, 7 days a week)
E-mail: wellness.exchange@nyu.edu
See also: Counseling Services, above

Emergencies and After-Hours
Crisis Response
• For a life- or limb-threatening emergency, call 911.

Immunizations
Telephone: 212-443-1199

Insurance
Telephone: 212-443-1020
E-mail: health.insurance@nyu.edu

Pharmacy Services
Telephone: 212-443-1050

Housing
Office of Residential Life and Housing Services
726 Broadway, 7th Floor
Telephone: 212-998-4600
Fax: 212-995-4099
E-mail: housing@nyu.edu

Off-Campus Housing Services
60 Washington Square South, Room 210
Telephone: 212-998-4620

International Students and Scholars
English Language Institute
7 East 12th Street, Room 821
Telephone: 212-998-7040
E-mail: eli@nyu.edu

Office of Global Services
383 Lafayette Street
Telephone: 212-998-4720

Brooklyn Location:
5 MetroTech Center, Room 230
Telephone: 646-997-3805

Lesbian, Gay, Bisexual, Transgender, and Queer Students
Lesbian, Gay, Bisexual, Transgender, and Queer Student Center
Kimmel Center for University Life
60 Washington Square South, Suite 602
Telephone: 212-998-4424
E-mail: lgbtq@nyu.edu

Multicultural Education and Programs
Center for Multicultural Education and Programs (CMEP)
Kimmel Center for University Life
60 Washington Square South, Suite 806
Telephone: 212-998-4343
E-mail: cme@nyu.edu

Religious and Spiritual Resources
Edgar M. Bronfman Center for Jewish Student Life-Hillel at NYU
7 East 10th Street
Telephone: 212-998-4123
E-mail: bronfman.center@nyu.edu

Catholic Center
238 Thompson Street
Telephone: 212-995-3990
E-mail: contact@catholiccenternyu.org
Website: nyucatholic.org

Office of Global Spiritual Life
238 Thompson Street, 4th Floor
Telephone: 212-998-4959
E-mail: spiritual.life@nyu.edu

The Islamic Center
238 Thompson Street, 4th Floor
Telephone: 212-998-4712
E-mail: info@icnyu.org
Website: icnyu.org

For a complete list of student religious and spiritual clubs and organizations at NYU, contact the Office of Global Spiritual Life, 383 Thompson St., 4th Floor, 212-998-4959; spiritual.life@nyu.edu.
Safety on Campus

Department of Public Safety
7 Washington Place (for ID card services)
561 LaGuardia Place (for uniformed services; open 24/7)
Telephone: 212-998-2222; 212-998-2220 (TTY)
E-mail: public.safety@nyu.edu

Community Service

Every year, hundreds of students in the College devote their time and energy to community service. In addition to the satisfaction they receive in helping their neighbors, they also gain valuable work experience. Through NYU’s Office of Community Engagement, students volunteer with dozens of nonprofit organizations throughout New York City.

Community service provides an opportunity to address major social, health, hunger, and environmental issues. Through service, students enhance their leadership skills, find fulfillment in giving back something to the community, and build new relationships while learning more about themselves.

There are many ways to become involved in activities on and off campus. Students in the College collect canned goods, conduct toy drives, and distribute bag lunches to the homeless. They work in dropout-prevention programs that encourage high school students to stay in school. They renovate houses and make them livable again. Students in the Presidential Scholars Program participate in ongoing service projects such as the Dean’s Service Honor Corps, the University Settlement House, the Door, and the Beacon House. Regardless of the project or partner organization, student volunteers give of themselves freely. And they all agree that they get back much more than they give.

Students selected for the Presidential Honors Scholars program in the College of Arts and Science have the opportunity to apply for the Dean’s Service Honor Corps. The Honor Corps makes a special commitment to community service and assumes a leadership role in promoting service in the College. This group of qualified scholars works with the dean on a weekly community-service project.

Many student clubs and organizations, such as Asian Initiative and Fraternity and Sorority Life, sponsor special service projects and philanthropic events throughout the year. To find out more about becoming involved, contact Fraternity and Sorority Life (212-998-4700).

In addition to clubs and organizations, the Center for Student Life sponsors Alternative Breaks, nontraditional winter or spring vacations in which students participate in a weeklong community service project. Another option available to students is OutReach, a volunteer corps that introduces freshmen to service in New York City (212-998-4700).

The NYU Office of Community Engagement (212-998-2400) provides students with information about service opportunities. Hundreds of volunteer positions are on file in this office. Personnel are available to provide advice and support, Monday to Friday, from 9 a.m. to 5 p.m. The office also sponsors special events and welcomes organizations to post volunteer positions.
The following standing faculty committees of the Faculty of Arts and Science serve both the College of Arts and Science and the Graduate School of Arts and Science.

Tenured/Tenure-Track Faculty Senators (T-FSC)

Function: To represent the Faculty of Arts and Science (FAS) tenured/tenure-track faculty in the University Senate and the Faculty Council of New York University. The Senate is the deliberative body of the University and is empowered to act on "educational matter and regulations of the academic community that affect more than one school." The T-FSC is established by the University Bylaws, and may consider, inter alia, any matters of educational and administrative policy. The T-FSC functions as the tenured/tenure-track faculty personnel committee of the Senate, and in this capacity, it is charged with considering any and all University-wide matters pertaining to tenured/tenure-track faculty. The FAS T-FSC shall report on the activities of the Senate and FSC to the FAS at its scheduled FAS Full Faculty meetings.

The FAS Tenured/Tenure-Track Faculty Senators shall also meet as a body separate from the general NYU Senate (with or without the Dean of FAS) to discuss matters of importance to FAS in accord with the Faculty’s fulfillment of its proper role in the governance of NYU. They must report back at least once per semester to the Policy and Planning Committee and the full faculty, through electronic communications.

Composition: The number of tenured/tenure-track senators allotted to each academic component of the University is based on the number of faculty in each component. For the election of FAS Tenured/Tenure-Track Faculty Senators to be valid at least three candidates must run for each open seat (e.g. for three open positions there would be a minimum of nine candidates). In any election year, candidates receiving the most votes are elected as Senators, and those with fewer votes are elected as Alternate Senators in sequential order. For example, if three Senators and three Alternate Senators are to be elected, the individuals receiving the most, second most, and third most votes will become Senators, and the individual receiving the fourth most votes will become an Alternate Senator for the Senator that received the most votes, the individual receiving the fifth most votes will become an Alternate Senator for the Senator that received the second most votes, and so on. The Alternate Senators will serve in place of their respective Senators in the event that their Senator is on leave or unable to fulfill his/her duties. It is not necessary that a Senator and the respective Alternate Senator belong to the same academic division. An Alternate Senator can run for a position as Senator in a subsequent election. If elected, a new Alternate Senator will be selected based on the protocol outlined above.

Term: Three Years.

Structure: Tenured/Tenure-Track Faculty Senators and Alternates are elected from and by the tenured/tenure-track faculty, as stipulated by and in accordance with University Bylaws, with staggered terms such that roughly one third of the representatives are elected each year. Elections are held prior to May 1 and the names of the representative transmitted to the Secretary of the Senate within five days. The Senators of the T-FSC shall elect one of their members annually to serve on the Advisory Committee on Policy and Planning.

Full-Time Continuing Contract Faculty Senators (C-FSC)

Function: To represent the Faculty of Arts and Science (FAS) continuing contract faculty in the University Senate and the Faculty Council of New York University. The Senate is the deliberative body of the University and is empowered to act on "educational matter and regulations of the academic community that affect more than one school." The C-FSC is established by the University Bylaws, and may consider, inter alia, any matters of educational and administrative policy. The C-FSC functions as the full-time continuing contract faculty personnel committee of the Senate, and in this capacity, it is charged with considering any and all University-wide matters per-
taining to full-time continuing contract faculty. The FAS C-FSC shall report on the activities of the Senate and C-FSC to the FAS at its scheduled FAS Full Faculty meetings.

The FAS Continuing Contract Faculty Senators shall also meet as a body separate from the general NYU Senate (with or without the Dean of FAS) to discuss matters of importance to FAS in accord with the Faculty’s fulfillment of its proper role in the governance of NYU. They must report back at least once per semester to the Policy and Planning Committee and the full faculty, through electronic communications.

**Composition:** The number of continuing contract senators allotted to each academic component of the University is based on the number of faculty in each component. For the election of FAS Full-time Continuing Contract Faculty Senators to be valid at least three candidates must run for each open seat (e.g. for three open positions there would be a minimum of nine candidates). In any election year, candidates receiving the most votes are elected as Senators, and those with fewer votes are elected as Alternate Senators in sequential order as described above for the T-FSC, except that there can at any time be no more than two serving Senators from a single Department or Program, and no more than two serving Alternates from a single Department or Program. The Alternate Senators will serve in place of their respective Senators in the event that their Senator is on leave or unable to fulfill his/her duties. It is not necessary that a Senator and the respective Alternate Senator belong to the same academic division. An Alternate Senator can run for a position as Senator in a subsequent election. If elected, a new Alternate Senator will be selected based on the protocol outlined above.

**Term:** Three Years.

**Structure:** Continuing Contract Faculty Senators and Alternates are elected from and by the continuing contract faculty, as stipulated by and in accordance with University Bylaws, with staggered terms such that roughly one third of the representatives are elected each year. Elections are held prior to May 1 and the names of the representative transmitted to the Secretary of the Senate within five days. The Senators of the C-FSC shall elect one of their members annually to serve on the Advisory Committee on Policy and Planning.

**Advisory Committee on Policy and Planning**

**Function:** To provide advice to the Dean of the FAS on matters that affect the FAS, including, but not limited to, educational policies, fiscal policies, governance, tenure and promotion, and other academic matters that are within the province of the faculty and the Dean.

**Composition:** Six members, tenured full or associate professors, elected by the FAS, two from each academic division, plus the Chairs of the Graduate and Undergraduate Curriculum Committees, a Senator selected by the T-FSC, and a Senator selected by the C-FSC. Ex officio members include the Dean of the FAS, the Deans of the Graduate School of Arts and Science (GSAS) and of the College of Arts and Science (CAS), the Divisional Deans, and the Dean of FAS Administration.

**Term:** Three years for the elected members, and two members elected each year from the appropriate academic divisions.

**Structure:** The Chair of the Committee is elected annually from among its nine voting members. The faculty members of the Committee may meet periodically without the Deans. The terms of both elected and ex officio members extend through the summer (i.e., 12-month term), in the event that the Dean needs the advice of the Committee during this period. The chair of the committee shall set the meeting’s agenda in consultation with the Dean and other members of P&P. The P&P Committee should normally meet no less frequently than once each month during the regular academic year.

**Advisory Committee on Promotion and Tenure**

**Function:** To review departmental recommendations for promotion and tenure, to provide advice to the Dean of the FAS on such recommendations, and to ensure that the standards of the FAS for promotion and tenure are maintained. Voting to elect members to this committee is limited to tenured and tenure-track faculty members of the FAS whose cases are reviewed by this committee; this excludes continuing contract faculty, faculty members of the Department of Mathematics in CIMS, faculty members of the Institute for the Study of the Ancient World, and faculty members of the Institute of Fine Arts.

**Composition:** Twelve tenured full professors, six elected by FAS and six appointed by the Dean of the FAS, with two elected and two appointed from each academic division. In addition, membership shall be limited to faculty from departments and centers whose tenure and promotion cases are reviewed by this committee.

**Term:** Three years, with two members elected and two appointed each year from the appropriate academic divisions.

**Structure:** The Committee shall elect its Chair annually from among the twelve members of the FAS. The Committee shall determine its procedures.
Committee on Graduate Curriculum and Financial Aid

Function: To review and evaluate proposals for instructors, courses, degree programs, and GSAS rules and requirements, and to recommend them to the full faculty for approval at the FAS Full Faculty Meetings; to approve non-full-time GSAS faculty dissertation committee members or readers; and to review annually the above and report the findings and any recommendations to the Deans of the FAS, the GSAS and the FAS faculty. The committee also engages in issues of educational policy and makes recommendations for the improvement and assessment of quality in the graduate curriculum. Finally, the committee evaluates and makes recommendations to the Deans of the GSAS and the FAS concerning the financial aid policies and procedures in the GSAS.

Composition: Seven elected eligible members of the FAS; no fewer than two faculty from each academic division, no less than one of whom from each division must be tenured or tenure-track, who have taught at least one graduate level course in the last five years or otherwise been active in the graduate program; one doctoral student and one master’s student. The master’s student would be the president of the Master’s Program Board or his or her designee. The PhD student would be the president of the Graduate Student Government, or designee if the president is not a doctoral student or is unable to attend. The Dean of the FAS and the Dean and Vice Dean of the GSAS serve ex officio.

Term: Three years for faculty members, with two members elected each year from the appropriate academic divisions. One year for graduate student members.

Structure: The Committee shall elect its Chair annually from among the six elected members of the FAS. The Chair becomes a member of the Advisory Committee on Policy and Planning. The student members shall not vote when instructors are considered for approval.

Committee on Undergraduate Curriculum

Function: To review and evaluate proposals for courses, degree programs, and requirements of the CAS, and to recommend them to the full faculty for approval at the FAS Full Faculty Meetings; and to review annually the above and report the findings and any recommendations to the Deans of the FAS, the CAS, and the FAS faculty. The committee also engages in issues of educational policy and makes recommendations for the improvement and assessment of quality in the undergraduate curriculum.

Composition: Ten elected eligible members of the FAS; no fewer than three faculty from each academic division, no fewer than two of whom from each division must be tenured or tenure-track; three undergraduate students (the President of the Undergraduate Student Council of the CAS or his/her designee and two students appointed by the Dean of the CAS, one from each of the other academic divisions). The committee also includes the Faculty Director of CAS Global Curriculum, the Dean of the FAS, and the Dean and Associate Dean of the CAS, and the Associate Dean of Academic Affairs, all of whom serve ex officio.

Term: Three years for faculty members, with three members, one from each academic division, elected each year. One year for undergraduate student members.

Structure: The Committee shall elect its Chair annually from among the nine elected members of the FAS. The Chair shall become a member of the Advisory Committee on Policy and Planning.

Committee on Student Discipline

Jurisdiction: Pursuant to §6430 of the New York State Education Law, all members of the New York University community are subject to the University’s Rules for the Maintenance of Public Order. University Bylaw 79(b) authorizes schools to establish rules for the guidance and conduct of students. University Bylaw 80 provides that the faculty of each school has disciplinary authority over its students and grants the University Senate power to act in situations involving more than one college or school. University Bylaw 60(c) also grants the Senate jurisdiction over educational matters and regulations affecting more than one school.

Under this authority the Faculty of Arts and Science has established a standing Committee on Student Discipline to implement policies, rules, and procedures for students in the College of Arts and Science and the Graduate School of Arts and Science. Cases involving one or more students from one of these schools and any individual whose affiliation is outside of these schools are under the jurisdiction of the Student Disciplinary Procedures established by the University Senate.

Function: To implement student discipline policies, rules, and procedures under its jurisdiction, the Faculty of Arts and Science maintains a standing Committee on Student Discipline. Its functions are to recommend rules for the guidance and conduct of students in the College of Arts and Science and the Graduate School of Arts and Science; to establish policies, rules, and procedures for the adjudication of student disciplinary infractions; and to investigate alleged student offenses, conduct hearings on complaints against
students, and imposed appropriate sanctions. Disciplinary offenses within the jurisdiction of the committee include but are not limited to:

- cheating, plagiarism, falsification of data or sources, forgery of academic documents in attempt to defraud;
- destruction, theft, or unauthorized use of laboratory data, library or research materials, computer resources, or university property;
- disruption of academic events or interference with access to classrooms, laboratories, or academic offices;
- actual or threatened violence against, or assault or harassment of a student, instructor, staff member, or administrator.

Cases of behavioral misconduct in the committee’s jurisdiction include those that fall within the University’s Non-Discrimination and Anti-Harassment Policy and Complaint Procedures for Students. The committee does not have jurisdiction over cases that fall within the University’s Sexual Misconduct, Relationship Violence, and Stalking Policy.

The committee need not report individual cases, but from time to time, or as charged, shall report to the faculty on its work and on its recommendations for the establishment of policies, rules, and procedures within its jurisdiction.

Composition: Nine elected full-time members of the faculty on continuing or tenure-line appointments who provide instruction in the College and/or Graduate School, with three members from each academic division (humanities, social science, natural science); three students from GSAS, and three students from CAS, also distributed across the academic divisions. The student members will be appointed by the relevant deans in consultation with the appropriate Student Councils or other student governance bodies, and additional students may be appointed in consultation with such student governance bodies as necessary for the conduct of hearings. The Deans of Students of CAS and GSAS shall be ex officio members of the committee, with voice but without vote.

Terms of Membership: Three years for the elected faculty members, with three members elected one each year from each of the academic divisions. One year for student members; or, if ad hoc, as required for the hearing of business.

Structure: The committee convenes for an organization meeting as soon as possible after the beginning of the fall semester and meets thereafter only as necessary for the conduct of business. The committee Chair is elected annually at the fall organizational meeting from among the nine elected faculty members.

Committee on Grievance

Function: To receive, investigate, and make recommendations concerning grievances with respect to procedural matters pertaining to promotion and tenure decisions, reappointment decisions, as well as other matters and decisions that involve members of the FAS as detailed in the Faculty Handbook; report recommendations to the Dean of the FAS and, if appropriate, to the FAS. Some grievances may not be in the purview of this Committee, and the Committee, in consultation with the Dean of the FAS, may recommend a more appropriate forum within the University.

Composition: Nine tenured full professors elected by the FAS, with three members from each academic division, and six at large continuing contract faculty (senior language lecturer, clinical associate and full professors), two from the Expository Writing Program and four from other units in FAS. Sitting department chairs and program heads may not serve on the Committee on Grievance.

Term: Three years.

Structure: The Committee shall elect its Chair annually from among its members. The Chair will appoint a subcommittee consisting of a minimum of three members to review each case and report its recommendations to the full Committee. Members of the Committee shall not sit on a subcommittee dealing with a grievance from a faculty member from the same department. Subcommittees for grievances pertaining to a tenured/tenure track faculty member must have one member from each academic division. Continuing contract faculty may not sit on a grievance pertaining to a tenured/tenure track faculty member.

Committee on Nominations and Elections

Function: To seek, receive, and make nominations for standing committees as well as special committees of the FAS or of the University as requested by the FAS Dean; to verify the online ballot as uploaded by the FAS Dean’s office; to certify election results; and to fill vacancies on standing committees, based on the results of previous ballots for the respective committees; and to develop nominations and conduct elections on an ad-hoc basis, as requested by the Dean of the FAS. On an annual basis, the committee shall develop a slate of candidates for vacancies on standing FAS committees, including the Committee on Nominations and Elections. The Committee shall present this slate to the FAS at a scheduled FAS Full Faculty meeting and accept additional nominations from the floor. The Committee shall ensure that all academic divisions are represented on all committees at all times (e.g., when an elected member of a Committee is absent because of leave or resignation), except for committees with no divisional requirements.
on membership, where the Committee shall ensure that the slate of candidates includes all academic divisions.

Voting in FAS elections should take place on-line through a suitable authenticated electronic mechanism by April 1. The entire slate should be available on-line with links to their faculty profiles. Nominations and Elections and the Dean’s Office shall announce the results of the election by May 1.

A survey shall be sent to all FAS full time faculty in September of each year listing all the FAS Committees and requesting faculty to indicate any committees on which they would be willing to serve.

Composition: Nine elected eligible members of the FAS; six tenured or tenure-track faculty, two members from each division, and three continuing contract faculty.

Term: Three years, with two members elected each year from the appropriate academic division.

Structure: The Committee shall elect its chair annually from among its members.

Committee on Undergraduate Academic Standards

Function: To make recommendations to the Deans of the FAS and the CAS on requests from students for waivers from stated requirements for graduation or from requirements for maintenance of good standing as a student in the CAS.

Composition: Seven elected eligible members of the FAS; no fewer than two faculty from each academic division, no less than one of whom from each division must be tenured or tenure-track. The Deans of the FAS and the CAS are ex officio members.

Term: Three years, with two faculty members elected each year from the appropriate academic divisions.

Structure: The Committee shall elect its Chair annually from among the six elected members of the FAS.

Committee on Information, Technology, and Library Services

Function: To ensure that the FAS faculty’s diverse needs for information technology are served by NYU IT Services and by the NYU libraries. This FAS Committee will communicate with University-wide standing committees that track IT Services available for research and teaching, including on-line instruction.

Composition: Ten elected eligible members of the FAS; no fewer than three faculty from each academic division, no fewer than two of whom from each division must be tenured or tenure-track, and one undergraduate student elected by the CAS Student Council, chosen in the spring prior to service to serve a one-year term. The Vice-President in charge of IT Services, the Senior Vice Provost for Undergraduate Academic Affairs, the Dean of the Libraries and the Vice-Dean of GSAS are ex officio members.

Term: Three years for faculty, with three members elected each year from the appropriate academic division. One year for student members.

Structure: The Committee shall elect its chair annually from among its members.

Committee on Committees and Rules

Function: To review the functions and structures of standing Committees of the FAS, to ensure that the Committees serve the interests of the FAS, and to make appropriate recommendations for changes. This Committee shall meet at least once every five years or on an ad hoc basis if called into service by the FAS or the Dean of the FAS. This Committee shall function only to conduct its business (e.g., for one semester or for one academic year), report to the FAS, and then dissolve.

Composition: Six tenured faculty elected by the FAS, with two from each academic division. All Deans are ex officio members.

Term: Whatever time is required to fulfill its function.

Structure: The Chair of the Committee shall be elected from among the six elected members of the FAS. Nominations for the elected members shall be made on an ad hoc basis by the Committee on Nominations and Elections.

Continuing Contract Faculty Promotion Committee

Function: To review departmental recommendations for promotion, to provide advice to the Dean of the FAS on such recommendations, and to ensure that the standards of the FAS under the Guidelines for Reappointment and Promotion for clinical faculty and language lecturers. Voting to elect members to this committee is limited to continuing contract faculty members of the FAS whose cases are reviewed by this committee; this excludes tenured/tenure track faculty, faculty members in CIMS, faculty members of the Institute for the Study of the Ancient World, and faculty members of the Institute of Fine Arts.

Composition: 10 Full time faculty: 8 elected senior contract faculty with two each from science, social science, humanities and two from Expository Writing. An additional 2 senior contract faculty appointed by the Dean of FAS. The Dean of the Faculty, the Divisional Deans, and the Associate Dean of Faculty Advancement may attend committee meetings without vote and with voice
confined to procedural issues or responses to questions by the Committee.

**Term:** Three years (for the duration of the pilot period)

**Structure:** The Committee shall elect its Chair annually from among the eight elected members of the FAS.

**Time commitment:** TBD

**General Rules Governing All Committees**

**Reporting and Feedback:** In those cases when the FAS, CAS, or GSAS Dean chooses not to accept a faculty committee’s recommendation, s/he must provide reasons in writing to the chair of the committee within 30 days.

**Selecting Committee Chairs:** At the last committee meeting of the academic year, the outgoing committee will select a returning committee member to be their committee’s chair in the next academic year. The incoming chair then has responsibility for communicating with the new committee and establishing a preliminary agenda.

**Absences:** A temporary absence from a committee of an elected member should be filled by a replacement committee member, chosen by the Committee on Nominations and Elections (“N&E”) from among recent unelected nominees for the same position as the absentee. If suitable replacements cannot be found in this way, the Dean of the Faculty should make a temporary appointment to fill the position.

A permanent absence from a committee of an elected member should normally be filled by replacement in the next election cycle. When the balance of seniority on a committee is so disrupted that it affects the committee’s ability to do its work, the committee chair can rectify the imbalance either by asking N&E to hold a special election for one or more members to serve terms of non-standard duration, or by asking the Dean of the Faculty to appoint a standing committee member to serve an additional year.

**Student Representatives to the Senate**

The names of the representatives are available in the Office of the Secretary of the University.

**Faculty Assembly (FA)**

The Faculty Assembly is a school-wide, elected body that deliberates on matters of common concern to FAS full-time faculty. Critically, the FA will provide elected members from its ranks as necessary to serve on ad-hoc and other University-wide advisory committees not populated from other FAS structures. The FA regularly reports to and seeks input from their constituencies at Departmental /Unit Faculty Meetings.

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**STANDING COMMITTEE OF THE COLLEGE OF ARTS AND SCIENCE**

The following standing faculty committee of the Faculty of Arts and Science serves only the College of Arts and Science.

**The Faculty Committee on Undergraduate Honors**

**Function:** To review and make recommendations to the academic departments regarding the Honors track in the major. The committee also reviews guidelines and requirements for CAS honors in all majors and makes recommendations to the CAS Dean. The committee can approve waivers to the guidelines for granting honors in a major if recommended by the departments.

**Membership:** By appointment and by office; tenure track and clinical faculty leading the CAS Scholars Seminars.

**Term:** Three years.
Programs of Study as Registered by the New York State Education Department

The index below indicates the full range of majors and minors offered in the College of Arts and Science. Individual courses are described under each departmental section of the Bulletin. See also the preprofessional, accelerated, and specialized programs section of this Bulletin.

The B.A. degree is offered in all the majors listed below except in engineering (offered as dual degree only), neural science, and global public health/science (concentration in biology or chemistry), all of which confer only the B.S. degree and offer no B.A. option.

The B.S. degree is an option in the stand-alone majors in chemistry and physics; as part of the dual degree B.S./B.S. program with the NYU Tandon School of Engineering, it is offered in these two departments as well as in biology, computer science, and mathematics.

Note well that pursuing dual degrees in the engineering program is the only way to earn a B.S. in biology, computer science, and mathematics, except for the global public health/science major with a concentration in biology.

All majors offered by the College are registered with the New York State Education Department; the State does not require minors to be registered.

Unless otherwise noted, both majors and minors are available in the following:

<table>
<thead>
<tr>
<th>HEGIS* number</th>
<th>HEGIS* number</th>
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<tbody>
<tr>
<td>2211</td>
<td>Chinese (minor only)</td>
</tr>
<tr>
<td>0313</td>
<td>Cinema Studies (through the Tisch School of the Arts and the College of Arts and Science)</td>
</tr>
<tr>
<td>2202</td>
<td>Classical Civilization</td>
</tr>
<tr>
<td>2299</td>
<td>Classical Civilization and Hellenic Studies (major only)</td>
</tr>
<tr>
<td>4903</td>
<td>Classics (Latin and Ancient Greek)</td>
</tr>
<tr>
<td>1003</td>
<td>Comparative Literature</td>
</tr>
<tr>
<td>1504</td>
<td>Computer and Data Science (major only)</td>
</tr>
<tr>
<td>0701</td>
<td>Computer Science</td>
</tr>
<tr>
<td>0799</td>
<td>Computer Science and Economics (major only)</td>
</tr>
<tr>
<td>1799</td>
<td>Computer Science and Mathematics</td>
</tr>
<tr>
<td>0414</td>
<td>Creative Writing (minor only)</td>
</tr>
<tr>
<td>0401</td>
<td>Creative Writing in Spanish (minor only)</td>
</tr>
<tr>
<td>1905</td>
<td>Data Science</td>
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<tr>
<td>1702</td>
<td>Data Science and Mathematics (major only)</td>
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<tr>
<td>1007</td>
<td>Dramatic Literature</td>
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<tr>
<td>0302</td>
<td>East Asian Civilization (minor only)</td>
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<tr>
<td>2204</td>
<td>East Asian Studies</td>
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<tr>
<td>2204</td>
<td>Economics</td>
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<tr>
<td>1799</td>
<td>Economics and Mathematics (major only)</td>
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<tr>
<td>Program of Study</td>
<td>HEGIS* number</td>
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<td>------------------------------------------------------</td>
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<tr>
<td>Engineering (majors only; B.S. only)</td>
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<tr>
<td>Chemical and Biomolecular Engineering</td>
<td>0401/1905</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>1701/1902</td>
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<tr>
<td>Computer Engineering</td>
<td>0701/1701/1902</td>
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<tr>
<td>Electrical Engineering</td>
<td>0701/1701/1902</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>701/1902</td>
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<tr>
<td>English and American Literature</td>
<td>1502</td>
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<tr>
<td>Environmental Biology (minor only)</td>
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<tr>
<td>Environmental Studies</td>
<td>0420</td>
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<tr>
<td>European and Mediterranean Studies</td>
<td>0310</td>
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<tr>
<td>Francophone Studies (minor only)</td>
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<tr>
<td>French</td>
<td>1102</td>
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<tr>
<td>French and Linguistics (major only)</td>
<td>1199</td>
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<tr>
<td>French Literature in English Translation (minor only)</td>
<td>4903</td>
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<tr>
<td>Genetics (minor only)</td>
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<tr>
<td>Genomics and Bioinformatics (minor only)</td>
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<tr>
<td>German and Linguistics (major only)</td>
<td>1199</td>
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<tr>
<td>German Literature and Culture</td>
<td>1103</td>
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<tr>
<td>Global Public Health/Anthropology (major only)</td>
<td>1214</td>
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<tr>
<td>Global Public Health/History (major only)</td>
<td>1214</td>
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<tr>
<td>Global Public Health/Science, Concentration in Biology (major only; B.S. only)</td>
<td>1214</td>
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<tr>
<td>Global Public Health/Science, Concentration in Chemistry (major only; B.S. only)</td>
<td>1214</td>
</tr>
<tr>
<td>Global Public Health/Sociology (major only)</td>
<td>1214</td>
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<tr>
<td>Hebrew and Judaic Studies</td>
<td>0399</td>
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<tr>
<td>Hellenic Studies</td>
<td>0399</td>
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<tr>
<td>History</td>
<td>2205</td>
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<tr>
<td>International Relations (major only)</td>
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<tr>
<td>Irish Studies (minor only)</td>
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<tr>
<td>Italian Studies</td>
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<tr>
<td>Italian and Linguistics (major only)</td>
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<tr>
<td>Japanese (minor only)</td>
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<tr>
<td>Journalism (major only)</td>
<td>0602</td>
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<tr>
<td>Korean (minor only)</td>
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</tbody>
</table>

Also available to students in the College are several minors offered in other divisions of New York University. For more information, see the cross-school minors section of this Bulletin.
CLASSIFICATION OF COURSES

This Bulletin contains descriptions of the College’s departments, programs, and courses. The first part of every course number identifies the department or program offering or cross-listing the course (for example, ARTH for art history). This is always followed by a two-letter suffix. The suffix “UA” indicates undergraduate courses offered in the College; “GA” indicates a graduate course offered by the Graduate School of Arts and Science. The numeric identifier comes last (for example, a complete course rubric would be ARTH-UA 677).

Graduate courses open to qualified undergraduates are designated by the departments. The departmental policy in this matter may be indicated either in this Bulletin or in the Graduate School of Arts and Science Bulletin; interested students are also advised to check directly with the relevant departments.

*HEGIS: Higher Education General Information Survey
Degree and Certificate Programs as registered by the New York State Education Department.
New York State Education Department
Office of Higher Education
State Education Building
2nd Floor, West Mezzanine
Albany, NY 12234
Web: highered.nysed.gov
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