

Policies & Procedures

Class of 2009

and earlier



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THE ACADEMIC FRAMEWORK

A Penn education comprises two main components: a structured set of electives chosen from a variety of fields and a set of courses concentrated in a major. Electives provide considerable freedom to explore academic interests and yet are structured to ensure a broad education across the arts and sciences. The major enables students to explore one field more comprehensively and in greater depth. Each of these components contributes to the whole of a student's education and should not be thought of in isolation from the other. Students are well advised to work toward shaping a roster of courses into an integrated and coherent educational plan. One strategy is to consider taking a Writing Requirement course that complements the General Requirement History and Tradition course, a Formal Reasoning and Analysis course that is related to one of the science courses, a Language course that supports the Arts and Letters selection and so forth.

General Requirement

The General Requirement is the general education requirement of the College at Penn. The General Requirement has two chief objectives. It is designed to ensure the breadth of knowledge essential to the educated inhabitant of a complex world. It is also designed to expose students to the variety of disciplines and approaches to knowledge pursued in the modern university early enough in their courses of study to help them make informed choices about their majors and the rest of their studies. To fulfill these objectives, the faculty of the School of Arts and Sciences has organized courses offered through the College under the seven sectors below.

In each of these areas, courses that are best suited to introduce students to the methods and contents are designated as "General Requirement" courses. These divisions do not necessarily reflect the departmental organization of the School. Rather, they reflect the faculty's collective judgment about a useful and informative way to organize the great variety of humankind's intellectual and social accomplishments to the present time and the many ways in which human beings interact with their ever-expanding environment. The classification of General Requirement courses thus cuts across departmental lines in many cases, reflecting the complexity of knowledge in the modern world.

The General Requirement is not the only means by which faculty members of the School of Arts and Sciences help to guide students through the curriculum. Students should also think about the requirements and recommendations of majors that interest them as early as possible in their college careers in order to arrive at well-balanced programs of study.

Sector I: Society

The structure and organizing principles of contemporary human societies, including their psychological and cultural dimensions, as well as their economic, social, political and ethical foundations.

Courses in this sector use many analytical techniques that have been developed to study contemporary society, with

its complex relations between individuals and larger forms of mass participation (markets, civil society, nations, supra-national organizations and so on). Courses in this sector focus on economics, sociology, political science, cultural anthropology, demography, social psychology and moral and political philosophy.

Sector II: History and Tradition

The continuity and change in human thought, belief and action.

Courses in this sector introduce students to the study and interpretation of the history of individual and collective thought and action in human civilizations. Subjects include social, political and cultural history, as well as the history of forms of human expression such as folklore, religion and philosophy. (Those forms of expression studied in the Arts and Letters sector are excluded.) All courses require extensive reading of primary sources and stress interpretative writing.

Sector III: Arts and Letters

Means and meaning of art, literature and music.

The Arts and Letters sector encompasses the visual arts, literature and music, together with the criticism surrounding them. Most courses are concerned with works of the imagination—paintings, films, poetry, fiction, theatre, dance and music. They generally address a considerable breadth of material rather than an individual work or artist.

Sector IV: Formal Reasoning and Analysis

The formal structure of human thought, including its linguistic, logical and mathematical constituents.

These courses emphasize mathematical and logical thinking, including quantitative reasoning and reasoning about formal structures and their application to the investigation of real-world phenomena. In addition to courses in mathematics, this sector includes courses in computer science, formal linguistics, symbolic logic, statistics and decision theory.

Sector V: The Living World

The evolution, development and function of living systems.

Courses in this sector cover the variety of approaches that are useful in understanding living organisms, ranging from analyses at the molecular and cellular level to analyses of evolution and adaptation to environments. Students learn the methods used by contemporary natural science to study these topics, including ways in which hypotheses are developed, tested and reformulated in the light of ever-increasing research findings. A full understanding of living organisms incorporates insights from approaches at many different levels. Some Living World courses provide an overview or survey of a broad topic, while others exemplify the basic principles with more focused coverage of a specific topic.

Sector VI: The Physical World

The methodology and concepts of physical science.

Courses in this sector aim to provide insight into the content and workings of modern physical science in such fields as physics, chemistry, geology, environmental studies and astronomy. The courses are divided into those that are part of a major and those that are designed primarily to provide an introduction to a field for non-science majors. Courses for non-science majors include some discussion of the historical development of the subject as well as the most important conceptual notions and their mathematical expressions. All courses in this sector seek to demonstrate the generally accepted paradigm of modern science: experiment and observation suggest mathematically formulated theories, which are then tested by comparison with new experiments and observations.

Sector VII: Science Studies

Scientific thought and practice in their cultural, historical and philosophical contexts.

Science is not only a group of specialized scholarly disciplines, but is also one of the most important activities of our culture in the form of pure research as well as medicine and technology. Courses in Science Studies investigate science itself from a variety of viewpoints. The sector emphasizes the social, historical and philosophical aspects of science and scientific institutions, medicine and technology and draws on courses in the natural and social sciences as well as the humanities.

Foreign Language Requirement

The faculty of Arts and Sciences considers competence in a foreign language essential for an educated person. Participation in the global community is predicated on the ability to understand and appreciate cultural difference, and nothing brings this more sharply into focus than the experience of learning a foreign language. The foreign language not only affords unique access to a different culture and its ways of life and thought; it also increases awareness of one's own language and culture. For these reasons, the College of Arts and Sciences sets forth a Foreign Language Requirement.

Penn is immensely proud of its language programs, the variety that they offer, and the results that students achieve in them. The Foreign Language Requirement should be considered as a clear expression of this University's realization that effective modes of communication will be increasingly important in the 21st century.

Quantitative Data Analysis Requirement

In contemporary society, citizenship, work and personal decision-making all require sophisticated thinking about quantitative evidence. To ensure that graduates are equipped with appropriate skills, students in the College complete a course that uses mathematical or statistical analysis of quantitative data as an important method for understanding another subject. Through such study, students learn to think critically about quantitative data and the inferences that can be drawn from these data. They also gain experience with the use of quantitative analysis to interpret empirical data and to test hypotheses.

Courses in calculus and computer science do not fulfill the requirement because these courses do not require students to analyze actual data sets with the goal of evaluating hypotheses or interpreting results. To count toward the Quantitative Data Analysis Requirement, a course must include such data analysis.

Writing Requirement

Before Benjamin Franklin wrote out the story of his early life in his *Autobiography*, he made writing the center of his vision of a liberal arts education in his *Proposals Relating to the Education of Youth in Pennsylvania* (1749). There, he imagined communities of students writing and practicing not only for tutors but also for one another, reading the writings of others and making works of their own. At Penn two and a half centuries later, writing plays an even more central role within the curriculum. As the medium within which scholars create knowledge and communicate their findings to others, it literally constitutes their ideas. A considerable portion of a student's intellectual work at Penn, therefore, will be written work, and this writing will often be the primary medium through which the quality of the student's thinking and ideas will be judged.

For these reasons, Penn requires students to take at least one course in writing and encourages them to fulfill the Writing Requirement in their first year of study. Good writing instruction will equip students to write within the University and across a range of academic disciplines. Ideally writing will become a foundation of their professional and personal lives outside of the University, a means of providing clarity and of challenging others to see beyond themselves.

Free Electives

Free Electives provide students with the freedom to explore new fields of knowledge, to take additional work in the field of their special interest, or to study further with a particular instructor. Above all, they provide the breadth associated with a liberal education, just as the major program provides depth.

The Major

A major program offers the student an opportunity to explore in depth the methodology and goals of a given field. It provides a focus for his or her intellectual interests, and it may well constitute a building block for a career or for entry into graduate or professional school. Great care should be taken in choosing a major. Students are strongly advised to seek the help of their academic advisors and of individual faculty members in making this choice. Most major programs consist of major courses and major-related courses. The latter are courses taken in other departments or programs that have a bearing on the major in question and count as major courses.

REGULATIONS GOVERNING REQUIREMENTS

Degree Requirements

The curriculum for the degree of Bachelor of Arts normally consists of a major program and a structured set of electives. Electives are taken in five categories:

- The General Requirement
- The Foreign Language Requirement
- The Quantitative Data Analysis Requirement
- The Writing Requirement
- Free Electives

Students normally take 4 or 5 course units (c.u.) per semester. The total number of c.u. required to complete a major varies from major to major but is never less than 12 (page 67). In addition to the major, a student must normally complete 20 electives.

The total number of credits needed for graduation therefore varies between 32 and 36 c.u. depending upon the sum of courses required in the major and the electives. No student is required to complete more than 36 c.u. for graduation. Students whose majors require more than 16 courses may take correspondingly fewer electives. Students may take additional courses if they wish, and many do.

The General Requirement

The departments and the faculty of the School of Arts and Sciences (and of other Schools offering undergraduate courses in the College), in consultation with the standing General Requirement Committee, have designated those courses best suited, by virtue of their breadth of content or approach, to introduce students to the many disciplines studied in the contemporary university as “General Requirement” courses. In addition to meeting the objectives of breadth of content and approach, courses included under this heading must not have prerequisites and are therefore open to all entering students in the College. (The only exceptions are when both the course and its prerequisite are General Requirement courses, as in the case of certain two-course sequences in the formal and natural sciences.) Further, all General Requirement courses must be offered regularly and must ordinarily be taught by members of the standing faculty of the School. Many other courses offered by the School that fall into the first three Sectors, but which may be narrower in focus or more advanced than General Requirement courses, are designated as “Distributional” courses. Both General Requirement courses and Distributional courses are designated as such in their individual listings in the *Course Timetable*, which is published before each advance registration period, and the *Course and Room Roster*, which is available on-line.

Courses fulfilling the General Requirement are divided into the following sectors:

- Sector I: Society
- Sector II: History and Tradition
- Sector III: Arts and Letters
- Sector IV: Formal Reasoning and Analysis
- Sector V: The Living World
- Sector VI: The Physical World
- Sector VII: Science Studies

The Rules of the General Requirement are as follows:

- The General Requirement requires each student in the College to take a total of ten courses: two in each of Sectors I, II and III; one in each of Sectors IV, V and VI; and one additional course in Sector IV, V, VI or VII.
- In Sectors I, II and III, students may substitute one Distributional course for one of the two General Requirement courses. This allows students greater flexibility in pursuing more advanced work within or outside of their majors. However, one course in each of these Sectors must always be a General Requirement course.
- In order to meet the General Requirement’s objective of introducing students to a variety of disciplines while they are still choosing their majors, at least six courses satisfying the General Requirement should be completed in the first two years of study, unless this is precluded by a student’s major requirements. These six courses should include at least one General Requirement course in each of Sectors I, II, III, IV, V and VI.
- Freshman seminars count as General Requirement courses only when they are specific equivalents of General Requirement courses and are explicitly labeled as such. Other freshman seminars may be labeled as Distributional courses in Sectors I, II or III.
- Courses that satisfy the Writing Requirement cannot also be used to satisfy any sector of the General Requirement.
- All ten courses taken to satisfy the General Requirement must be taken for a letter grade, not pass/fail.
- Transfer credit, A.P. and study abroad courses can be counted toward the General Requirement only when departments certify that they are equivalent to specific courses at Penn (either specific General Requirement courses or specific Distributional courses). The list of departmental policies regarding A.P. credits is included in this publication (page 61). Credits not equated with specific courses at Penn can be given free credit and used toward majors or the Free Elective Requirement, but cannot be used toward the General Requirement.
- Courses may be used to satisfy both the General Requirement and the requirements of a major without restriction, but where courses are so used, additional Free Electives may be needed to attain the number of courses required to graduate.

The Foreign Language Requirement

Every student is required to attain competence in a foreign language. The determination of competence will vary from department to department and even from language group to language group within a department. The Language Requirement may be satisfied in a variety of ways at the discretion of the language group concerned:

- By passing an examination administered by the language group. In some instances, students will take the examination after completing 4 c.u. (or the equivalent) of study.
- By obtaining a passing grade, after 4 c.u. of study (or the equivalent), in those languages where satisfaction of the language requirement is not based on an examination.
- By exemption from the Language Requirement as a result of achieving the required score on any of the following:
 - An advanced placement test administered in a foreign language by the Educational Testing Service (ETS)
 - An SAT II foreign language test administered by the ETS
 - A departmental placement test
 - The Cambridge O-level examination (at a grade deemed satisfactory by the language group), or
 - In the case of a bilingual student, a special test given by the appropriate department.

It is the student's responsibility to learn how the requirement is satisfied in the language group selected. It is highly recommended that students take steps to satisfy the language requirement as early as possible in their academic careers.

Students who are placed in an intermediate or advanced language course on entrance to the University may not receive credit for a lower-level course in the same language. Students are placed in first- or second-year language courses in one of two ways:

- The amount of work they have had in high school and their score on the SAT II language test (if this test has been presented in fulfillment of admission requirements), or
- Through a placement test administered by the language department concerned. Students wishing to qualify in a modern language other than those described on page 16 or which are not offered by the University should consult the Penn Language Center.

Students should complete the Language Requirement by the end of their fourth semester, or earlier in the case of those who place into courses beyond the first level. Those who seek to fulfill the requirement by taking courses must normally begin in the first semester. Students should be aware that some languages, such as Latin or Arabic, offer beginning and intermediate courses in fall-spring sequences, so that, for example, the first-semester course in that language can only be taken in the fall semester. Once students begin their language study, they are expected to continue through the sequence of courses until they have

satisfied the department's criteria of a high level of competence. Foreign language courses taken to fulfill the Foreign Language Requirement must be taken for a grade; that is, they may not be taken on a pass/fail basis.

Exemptions from the Language Requirement

Students who have a documented disability that precludes learning a foreign language may petition the Committee on Undergraduate Academic Standing for an exemption from the Language Requirement. Students considering petitioning should see Dr. Alice Kelley in the College Office before assembling their dossier. Such petitions must be initiated by the end of the first semester of the sophomore year. If the petition is granted, the student will be obliged to fulfill an alternative requirement, which will be formulated on a case-by-case basis. This requirement is intended to provide a balance between a theoretical understanding of foreign languages and cultures and a more intimate acquaintance with life in a foreign society as revealed through its literature and civilization.

Quantitative Data Analysis Requirement

All students in the College are required to complete a course that uses mathematical or statistical analysis of quantitative data as an important method for understanding another subject. To satisfy this requirement, students must take one of the designated Quantitative Data Analysis Courses. A course used to satisfy the Quantitative Data Analysis Requirement may also be used to satisfy the General Requirement and/or Major Requirements. Any course taken for the Quantitative Data Analysis Requirement must be taken for a grade, not pass/fail. In order for the course to count for this requirement, the student must achieve a grade of C- or better. Transfer credit and A.P. credit may not be used.

A list of approved courses for this requirement may be found through <http://www.college.upenn.edu/curriculum/requirements/quantitative.html>.

Writing Requirement

Because writing instruction is central to its educational mission, the College has established the Writing Requirement. Please note that the Writing Requirement, as outlined below, is a minimum requirement. It is recommended that students take both a writing seminar by the end of freshman year and then one or more writing-intensive courses.

Students can fulfill the Writing Requirement in one of several ways:

- By taking one Critical Writing Seminar. Writing seminars are offered in a variety of departments and focus on the development of writing skills in the context of a particular discipline. Information about writing seminars is available on-line, in the *Writing Program Brochure* sent to

freshmen in the summer and in its spring supplement published in October.

- By enrolling in the year-long Collaboration and Research Writing Seminar. Designed for upperclassmen and focusing on their research writing projects, these seminars combine classroom and on-line writing instruction and collaboration. Students receive 1 c.u. upon successful completion of two semesters.

Courses that satisfy the Writing Requirement are so designated in the *Course Timetable* and the *Course and Room Roster*.

A course taken for the Writing Requirement must be taken for a grade; i.e., it may not be taken on a pass/fail basis. In order for a course to count toward the Writing Requirement, the student must receive a grade of C- or better. A.P. credit may not be used to satisfy the Writing Requirement. Writing seminars do not count toward the General Requirement.

Writing Seminars

All undergraduate students at Penn must fulfill their Writing Requirement through courses offered by the Critical Writing Program. Freshmen are encouraged to take a critical writing seminar during their first year, whenever possible. Seminars in the Critical Writing Program include:

Critical Writing Seminars

Various departments offer critical writing seminars, typically numbered 009, as in ENGL 009: Writing Seminar in Literature, or BIOL 009: Writing Seminar in Microbiology. Each writing seminar is discipline-based, exploring current topics and debates in its field as well as the writing styles and conventions of its discipline. One critical writing seminar will fulfill the Writing Requirement.

Writing-Intensive Freshman Seminars

Taught by faculty from across the University and open only to freshmen, these discipline-based seminars place a special emphasis on writing. They do not fulfill the General Requirement, but do fulfill the Writing Requirement.

English 125

These are writing seminars with various non-fiction topics designed for upperclassmen and exceptional freshmen. Freshmen are admitted by permission only (portfolio required). ENGL 125 fulfills the Writing Requirement.

English 135: Peer Tutor Introduction and Training

Open to qualified freshmen and sophomores only. Introduction, training, mentoring and fieldwork. Successful completion of coursework qualifies students for positions as peer tutors at Penn. Requires permission of instructor. Does not fulfill the Writing Requirement.

COLL 009: Collaboration and Research Writing

This is a year-long writing seminar designed for upperclassmen that focuses on their research writing projects. It

combines classroom and on-line writing instruction and collaboration. Students receive 1 c.u. upon successful completion of two semesters. This seminar fulfills the Writing Requirement and may only be taken with the permission of the instructor.

ENGL 011: Writing for International Students

Designed for multilingual students who need practice reading and writing in English, and who wish to become more familiar with American college writing conventions. Fulfills the Writing Requirement.

For more on writing at Penn see the Writing Requirement on pages 46-47, the Creative Writing minor on page 73 and the Writing Center on page 32.

Free Electives

Free Electives are courses that are not applied to the primary major or toward any other College requirement. They present an opportunity for students to fill in some of the gaps in their knowledge and can be used to explore new domains outside a student's main area of focus. No more than eight Free Electives may be taken on a pass/fail basis. It is recommended that only four be taken pass/fail, with a maximum of one per semester.

The Major

<http://www.college.upenn.edu/curriculum/major.html>

Students should investigate carefully their potential major (pages 68-88). Prior to submitting an application to the major, it is important to read the latest pertinent information on the department or program's website, all of which can be accessed from the College web page above. Students should meet with their assigned academic advisors to discuss their overall program and then with the undergraduate chair or assigned major advisor designated to that department or program to plan their major. The minimum qualification for acceptance into a major program is a g.p.a. of 2.0 in those major and major-related courses that a student has already taken. Some majors require a higher average as well as specific coursework taken before the time of application.

The following basic regulations govern all major programs:

- Application to a major must be made by the second semester of the sophomore year prior to advance registration for the first semester of the junior year.
- The specific rules that govern each major are those in effect at the time the student declares the major. The most current major descriptions are posted on department websites.

- Students are usually assigned a major advisor at the time they are accepted into the major.
- Only the department or program in question can make exceptions to the regulations governing a major program.
- All courses taken for a major must be taken for a grade (i.e., they cannot be taken pass/fail).
- Only the department or program advisors determine which credits transferred from another institution can count toward the major at Penn.
- Students pursuing two majors must take at least 18 different course units in fulfillment of major requirements.

Requirements for Graduation

Seniors should refer to <http://www.college.upenn.edu/perspectives/seniors.html> for specific information on graduation including dates and procedures, but in general, to qualify for graduation, a student must:

- Fulfill all College and Major Requirements.
- Complete a minimum number of total credits (32 to 36 c.u., depending on the major).
- Be certified by the major department, interdepartmental committee or individualized major advisor as having met all requirements for the major.
- Meet the residency requirement (see below).
- Maintain a 2.0 overall grade point average, and a 2.0 (or better, depending on the department) in major courses.
- Clear all Incompletes, NR's and GR's from the transcript by the appropriate deadline (pages 50-51).
- Complete the on-line application for graduation. Seniors must adhere to a graduation schedule prepared each year by the College Office. A late fee will be charged for failure to apply by the date specified.

Residency Requirement

The value of the Penn experience lies not only in courses taken but also in participation in the life of the University community both in and out of the classroom. For this reason, at least four semesters of full-time study must be completed in Philadelphia while enrolled at the University of Pennsylvania. Also, students must be registered for their last two semesters at the University, including registration through its approved programs for study elsewhere. No student may graduate with a B.A. from the University of Pennsylvania unless he or she has completed at Penn at least one-half of the total number of required course units. He or she must also complete at Penn at least one-half of the courses required for his or her major.

GENERAL REQUIREMENT COURSES

The following courses have been designated as fulfilling the College's General Requirement in the sectors indicated.

If you are fairly sure of your major, request a General Requirement course in that field or in one that is closely related. If you are interested in the sciences, you should take a course at the appropriate level and, in most cases, math as well. If you plan to study the social sciences, a course in history, political science, economics or sociology will be useful. (See pages 10 and 45 for additional information and regulations concerning the General Requirement.)

Sector I: Society

African Studies

*Introduction to Africa AFST190/AFRC190/ANTH190/HIST190

Africana Studies

*Introduction to Afro-American Studies AFRC001/RELS007

Anthropology

*Introduction to Cultural Anthropology ANTH002
Cultural Background To The Modern World ANTH004
*Becoming Human ANTH122
Native Indian Peoples of North America ANTH221
World Ethnography ANTH242
Cultural Values in America ANTH252
Language and Culture ANTH280

Communication

Introduction to Communication Behavior COMM125
*Introduction to Mass Media Behavior COMM130

Economics

*Introductory Economics: Micro ECON001
*Introductory Economics: Macro ECON002

German

Metropolis: Culture of the City GRMN244/COML254/URBS244

History

The Urban Crisis: American Cities Since WWII HIST153/URBS104
*American Capitalism HIST161

Linguistics

Introduction to Sociolinguistics LING102

Philosophy

*Ethics PHILO02
The Social Contract PHILO08/PPEO08
Political Philosophy PHILO76
Philosophy of Law PHILO77

Political Science

*Introduction to Political Science PSC1001
Contemporary International Politics PSC1050
Introduction to Comparative Politics PSC1110/PSC1412
*Introduction to American Politics PSC1130

Psychology

*Social Psychology PSYC170

Religious Studies

Women and Religion RELS005/WSTD109
*Religious Violence and Cults RELS006
*Religion and Secular Values RELS111

Science, Technology and Society

Technology and Society HSSCO03
Technology in America: Inventors, Engineers and Entrepreneurs HSSC221

Sociology

*Introduction to Sociology SOC1001
*Deviance and Social Control SOC1003
*The Family SOC1004/WSTD004
*American Society SOC1005
Race and Ethnic Relations SOC1006/AFRC006/ASAM006
*Population and Society SOC1007/WSTD007
Political Sociology SOC1008
*Social Stratification SOC1010
Discrimination: Racial and Sexual Conflict SOC1112/AFRC112/URBS114/WSTD114
Sociology of Work SOC117/WSTD117
Sociology of Gender SOC112/WSTD122
*Criminology SOC1233

Urban Studies

The City URBS210/HIST210

Women's Studies

*Gender and Society WSTD002

Sector II: History and Tradition

African Studies

Africa to 1800 AFST075/AFRC075/HIST075
*Africa Since 1800 AFST076/AFRC076/HIST076

Africana Studies

Afro-American History 1550-1876 AFRC176/HIST176
Afro-American History 1876-Present AFRC177/HIST177

Ancient History

*Ancient Middle Eastern History and Civilization ANCH025/HIST025/NELC101
*Ancient Greece ANCH026/HIST026
Ancient Rome ANCH027/HIST027

Those courses marked with an asterisk (*) are slated to be offered during the fall 2005 semester.

Sector II: History and Tradition

(Continued from previous page)

Anthropology

- *Introduction to Archaeology ANTH001
- India: Ancient and Modern ANTH024/SASTO24
- American Civilization: The 20th Century ANTH102/
ANTH692/HIST118
- Conquest and Culture of the American West ANTH109
- *Origins and Cultures of Cities ANTH121/URBS101
- The Barbarian Image ANTH130
- Ancient Civilizations ANTH139/URBS139
- Archaeological Evidence for the Origins of Culture ANTH163
- Archaeology of the Mediterranean World ANTH234/CLST234/
ANCH234
- Archaeology and Society in the Holy Land (4500-500 BCE)
ANTH235/JWST251/NELC255/RELS215

Classical Studies

- The Worlds of Late Antiquity CLST028/HISTO28
- Worlds Apart: Cultural Constructions of "East" and "West"
CLST195/ANCH195/EALCO05

East Asian Languages and Civilizations

- *Introduction to Chinese Civilization EALCO01
- Korean Civilization EALCO80
- Introduction to Chinese Classical Thought EALC131

Folklore and Folklife

- *Introduction to Folklore FOLK101
- American Folklore FOLK201
- Introduction to Afro-American Folklore FOLK203/AFRC203/
AFST213
- Jewish Folklore FOLK280/COML283/JWST260/NELC258/
RELS221

History

- *Europe in a Wider World: to 1559 HISTO01
- *Europe in a Wider World: 1559 to Present HISTO02
- The World 900 to 1750 HISTO10/LTAMO10
- The World From 1750 to Present HISTO11
- *History of the United States to 1865 HISTO20
- *United States History: 1865 to the Present HISTO21
- *The Evolution of Industrial Capitalism HIST107
- History of Jewish Civilization II: The Middle Ages HIST140/
JWST157/NELC157
- *History of Jewish Civilization III: The Modern Period
HIST141/JWST158/NELCO53/RELS122
- History of Jewish Civilization I: The Ancient Period HIST156/
JWST156/NELCO51/RELS120
- Civilization of the American South, 1607-1860 HIST170
- Civilization of the American South, 1860 to Present HIST171

History of Art

- Islamic Civilization and Its Visual Culture ARTH217

Jewish Studies

- Themes in Jewish Tradition JWST100/NELC252/RELS129

Latin American Studies

- *Latin American Survey I LTAMO70/HISTO70
- Latin American Survey II LTAMO71/HISTO71

Linguistics

- Introduction to Linguistics: Language Change LING110
- *Writing Systems LING115

Near East Languages and Civilizations

- Islamic History to 1517 NELCO30/HIST147/RELS147
- *History of the Middle East Since 1800 NELCO31/HISTO81
- Myths and Religions of the Ancient World NELCO46/
RELSO14
- *Land of the Pharaohs NELCO62/AFSTO62
- Introduction to the Middle East NELC102

Philosophy

- *Introduction to Philosophy PHILO01
- *History of Ancient Philosophy PHILO03
- *History of Modern Philosophy PHILO04
- Ancient Moral Philosophy PHIL211/CLST211

Political Science

- *Political Theory: Plato to Aquinas PSCI180/CLST185
- Modern Political Thought PSCI181

Religious Studies

- Religions of Asia RELSO01
- *Religions of the West RELSO02/JWST122

Science, Technology and Society

- *Western Science, Magic and Religion HSSCO25/HISTO25/
RELS116
- *Chinese Science and Medicine HSSC152/EALCO35
- African Medicine HSSC203/AFRC206/AFST204/HIST187

Slavic Languages

- War and Representation RUSS193/COML150/HIST149
- Balkan Slavs in Zone of Ethnic Change SLAV230/RUSS230/
HIST230

South Asia Studies

- The Cultural Legacies of South Asia: Part I SASTO01
- *The Cultural Legacies of South Asia: Part II SASTO02
- Indian Philosophy: Themes, Methods and Western Responses
SAST103/PHILO50

Those courses marked with an asterisk (*) are slated to be offered during the fall 2005 semester.

Sector III: Arts and Letters

Literature in English or in English Translation

The Adultery Novel In and Out of Russia RUSS125/
COML127/WSTD125
*Arabic Literary Heritage NELC233/COML215
Chinese Fiction and Drama EALC122
*Classics of the Western World I COML191
Classics of the Western World II COML192
The Devil's Pact in Literature, Music and Film GRMN256/
COML241/FILM252
*The Fantastic and the Uncanny in Literature GRMN242/
COML126
Folk Epic and Romance in Europe and Asia FOLK313/
COML270
Folk Narrative FOLK238/COML275
*French Literature in Translation FREN250/COML272/
ENGL286
Great Books of Judaism NELC156/COMLO57/JWST151/
RELSO27
Great Story Collection FOLK241/COML193
Heroes and Heroic Tradition CLST160/COML244
Heroes, Minstrels, Knights-Epics and Lyrics of the Middle
Ages GRMN246
Indian Literature and the West SAST213/COML213
*Introduction to Literature COML100
Introduction to Literary Study ENGL100
*Introduction to the Bible NELC150/JWST150
Literary Genres: Poetry ENGL103/AFRC104/ANTH238/
COML102/THAR141/WSTD103
*Madness and Literature ENGL102/COML245/COML255
Mann, Hesse, Kafka GRMN255
*Masterpieces of Hispanic Literature SPAN250
Masterworks of Medieval German Literature GRMN305
The Medieval Reader ITAL310/COML310/WSTD310
Modern Middle Eastern Literature NELC201/COML212
Mythology CLST200/COML200
Religion and Literature RELS003/COML242
*Russian Literature to the 1870s RUSS145
Russian Literature After 1870 RUSS155
*Study of an Author ENGL101/FILM115/WSTD101
*The Twentieth Century ENGL104
The "Whodunit" from Oedipus to Columbo COML250
Yiddish in Eastern Europe GRMN265/GRMN565/JWST265

Non-English Literature in the Original Language

Introduction to German Literature GRMN216
*Perspectives in French Literature: Love FREN221
Perspectives in French Literature: The Individual in Society
FREN222
Perspectives in Italian Literature: Love and Women ITAL221

Perspectives in Italian Literature: Modern Literature and
Literary Analysis ITAL222
Perspectives in Latin American Literature: Colonial Period to
19th Century SPAN223/LTAM223
Perspectives in Latin American Literature: The 20th Century
SPAN224
Perspectives in Spanish Literature: Middle Ages to 19th
Century SPAN221
Perspectives in Spanish Literature: Mid 19th Century to
Present SPAN222
Studies in Hebrew Bible HEBR250/COML228/JWST256/
RELS220
*Studies in Modern Hebrew Literature HEBR259/COML266/
JWST259
*Studies in Rabbinic Literature HEBR257/JWST257/RELS226
Studies of Medieval Hebrew Literature HEBR258/FOLK258/
RELS228

Visual and Performing Arts

Ancient Theater CLST141/COML264/THAR141
*Architect and History ARTH001
*Art and Civilization in East Asia EALCO13/ARTH103
*European Art and Civilization Before 1400 ARTH101
European Art and Civilization After 1400 ARTH102
*Film History ENGL091/FILM101/ARTH108
Folk Art FOLK250
German Cinema GRMN258/COML270/FILM258
History of Music: 17th and 18th Century MUSC122
History of Music: 19th Century MUSC123
History of Music: 20th Century MUSC124
History of Western Music I (Middle Ages) MUSC120
History of Western Music II (Renaissance) MUSC121
*Introduction to Film Forms and Contexts COMM140
Introduction to Italian Cinema ITAL080/COMLO80
*Introduction to the History of Music MUSCO21
*Introduction to Theatre Arts THAR100
The Rise of Modern Visual Media ARTH002
Western Drama THAR110
*World Musics and Cultures MUSCO50/AFSTO50/FOLKO22

Criticism, Theory and Comparison of the Arts

*Aesthetics PHILO80
Anthropology of Music MUSC155
Conflicts in Interpretation RELS004/COML279
The Fiction of Fiction COML125
*Introduction to Language: Language Structure and Verbal
Art LING103
Philosophy and Literature PHILO81/GENH205
Science and Literature HSSC110
The Sociology of American Popular Culture SOCI229/FOLK231
*Sociology of Popular Culture SOCI137

Those courses marked with an asterisk (*) are slated to be offered during the fall 2005 semester.

Sector IV: Formal Reasoning and Analysis

Anthropology

Quantitative Analysis of Anthropological Data ANTH454

Computer Science and Engineering

- *Introduction to Computer Science CSE101
- *Introduction to Computing CSE110
- *Programming Languages and Techniques I CSE120
- *Introduction to Cognitive Science CSE140/PHILO44/LING105/PSYC107

Linguistics

- Information and Reasoning LING052
- *Introduction to Formal Linguistics LING106

Mathematics

- *Introduction to Calculus MATH103
- *Calculus, Part I MATH104
- *Calculus, Part II MATH114
- *Calculus, Part II with Probability and Matrices MATH115
- *Ideas in Math MATH170

Music

- *Music Theory and Musicianship I MUSCO70

Philosophy

Formal Logic I PHILO05

Psychology

- *Probability and Statistics PSYC020
- Thinking and Decisions PSYC153

Sociology

- *Social Statistics SOCI120/AFRC120

Statistics

- *Introduction to Statistics I STAT111
- *Introduction to Statistics II STAT112

Sector V: The Living World

Anthropology

- *Introduction to Physical Anthropology ANTH003
- Human Adaptation ANTH105
- Human Biological and Cultural Evolution ANTH106/AFST004
- Human Sexuality from an Anthropological Perspective ANTH107
- Human Origins (Summer Study, Université de Bordeaux) ANTH145
- Evolution of the Brain ANTH179
- *Human Biology ANTH243
- Evolution of Behavior ANTH244

Biology

- *What Every Lawyer, Businessman and Citizen Needs to Know about Molecular Biology BIOLO03
- *Killer Viruses BIOLO05
- Human Biology BIOLO06
- Sex Differences: Behavior, Biology and Evolution BIOLO07/BIBB007
- *Human Reproduction and Sex Differences BIOLO08/WSTDO08
- Conservation Biology BIOLO10
- An Introduction to Microbiology and Human Biochemistry BIOLO42
- Introductory Biology for the Major (A.P. only) BIOLO91
- *Introduction to Biology I BIOL101
- *Introduction to Biology II BIOL102
- *The Molecular Biology of Life BIOL121
- Introduction to Biology: The Design and Function of Living Systems BIOL122
- Biology of Dinosaurs BIOL130
- *Contemporary Humans and the Environment BIOL140

Linguistics

- *Introduction to Linguistics LING001
- Language and Cognition LING058

Psychology

- *Introduction to Experimental Psychology PSYC001
- *Introduction to Brain and Behavior PSYC109/BIBB109/BIOL313
- *Perception PSYC111
- Biological Psychology of Motivation PSYC127/BIBB227
- *Animal Behavior PSYC131/BIBB231/BIOL231
- Physiological Psychology PSYC143
- *Abnormal Psychology PSYC162
- *Developmental Psychology PSYC180

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Sector VI: The Physical World

A. Introductory Courses in Major and Pre-Professional Programs

Astronomy

*Introduction to Astrophysics I ASTRO11

Introduction to Astrophysics II ASTRO12

Chemistry

*Introduction to Chemistry I CHEMO01

*Structural Biology CHEMO22

*General Chemistry I CHEM101

*General Chemistry II CHEM102

Environmental Studies

*Introduction to Environmental Analysis ENVS200

Geology

*Introduction to Geology GEOL100

*Oceanography GEOL130

Physics and Astronomy

*Physics for Architects I PHYS008

Physics for Architects II PHYS009

*General Physics: Mechanics, Heat and Sound PHYS101

*General Physics: Electromagnetism, Optics and Modern Physics PHYS102

*Principles of Physics: Mechanics and Wave Motion PHYS150

*Principles of Physics: Electromagnetism and Radiation PHYS151

*Honors Physics I PHYS170

Honors Physics II PHYS171

B. Introductory Courses for Non-Majors

*The Big Bang and Beyond ASTRO07

Chemistry and Society CHEMO11

*Earth and Life Through Time GEOL125

Environmental Chemistry CHEMO12

Evolution of the Physical World GEOL003/PHYS003

Galaxies and Universes ASTRO05

*Life in the Universe ASTRO06

Natural Disturbances and Human Disasters GEOL103

Observational Astronomy ASTR150

Our Planet, Earth GEOL001

Physics of Music PHYS021

*The Solar System ASTRO03

Stars and Stellar Evolution ASTRO04

*Survey of the Universe ASTRO01

Wave Phenomena and Radiation (A.P. only) PHYS006

*The World of Physics PHYS005

Sector VII: Science Studies

Benjamin Franklin Seminars (Medicine)

Infectious Diseases BFMD073.302

Cancer BFMD073.303

Obesity BFMD073.305

College

*Origins and Meaning of Quantum Theory COLLO02

Computer Science and Engineering

Information Technology and Its Impact on Society CSE100

Earth and Environmental Studies

*Crystals ENVS097

Geology

Mineral Economics GEOL204

German

Freud: The Invention of Psychoanalysis GRMN253/HSOC253/
HSSC253/WSTD252/COLLO02

Health and Societies

*Health and Societies: Embracing the Global Context
HSOC010/HSSC010

Philosophy

*Relativity: Space and Time PHILO26

*Introduction to the Philosophy of Science PHIL225

Physics and Astronomy

The Physicists PHYS007

Understanding the Universe PHYS037

Psychology

Human Nature: Classical and Modern Perspectives PSYCO50

Theories of Personality PSYC164

Science, Technology and Society

*The Emergence of Modern Science HSSCO01/HSOCO01

Biology and Society HSSCO35/HSOCO35/HISTO35

Science and Social Problems HSSC165

Knowledge and Social Structure HSSC270

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