

College of Arts and Sciences

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A broad study of disciplines in the arts and sciences is the core of higher education. Most students in the University—no matter what career training they choose—devote a substantial portion of their studies to the arts and sciences.

The college as a whole emphasizes general education through the college core curriculum. In addition, a large number of interdisciplinary and extradisciplinary programs are available. These include national and international programs for study and experience; programs in field settings at sea and abroad; and programs involving affiliations in such areas as professional performing arts organizations, media organizations, and government offices. The college also emphasizes experiential education through cooperative education, service learning, and other kinds of internships, student-faculty research collaborations, and study abroad.

Students may choose a four- or five-year experiential education plan in most programs. Either plan offers co-op opportunities for paid employment, often in an area related to the student's chosen academic area. Students are normally eligible to participate in co-op in the second semester of their sophomore year and after they have declared a major.

Students may enter the college with a specified major or with an unspecified liberal arts major preference (LAMP). Students in the LAMP program, however, are strongly encouraged to declare a major, particularly if they are interested in the co-op program, by the beginning of the sophomore year. Considerable flexibility exists, and many students change majors during the first two years. The college offers a Bachelor of Arts degree and a Bachelor of Science degree in most programs.

Many programs are flexible enough to allow students to pursue a double major, and the college offers a number of specific integrated dual-major programs. In order to facilitate students' ability to pursue either a double major or an integrated dual major, the college allows unlimited double counting between major and core curriculum courses, as well as more flexibility in the core curriculum. In addition, the college offers the option of an independent major for students whose interests and goals are not met by a specific major program.

Academic Progression Standards

In order to achieve satisfactory academic progress, students in the College of Arts and Sciences are expected to maintain a minimum cumulative grade-point average of 2.000 and to earn 16 semester hours of credit each semester. Some majors have additional specific requirements in order to progress from year to year (see major requirements in departmental listings).

Transferring to Arts and Sciences Majors

Students wishing to transfer into arts and sciences majors should consult with the Center for Experiential Education and Academic Advising (CEA) in 1 Meserve Hall, or with a faculty adviser in the major in which they are interested.

Graduation Requirements

Quantitative. Candidates for either the Bachelor of Arts (BA) or Bachelor of Science (BS) degree must successfully complete a minimum of 128 semester hours.

Qualitative. Candidates must achieve a minimum cumulative average of 2.000 (grade of C).

Transfer credit. Transfer credit is granted initially for courses that fulfill major, college, or elective requirements in an arts and sciences program. Courses must be from an accredited college or university, and credit will be granted only for courses in which the student earned a grade of at least C (2.000). Courses taken pass/fail are not eligible for transfer credit. To receive credit for courses in progress at the time of application, the student must submit an updated official transcript for review once grades for the courses have been posted. Students should contact a major or student services adviser prior to enrollment or during their first semester to have transfer credits evaluated, both for major and college requirements. Students who believe that they should be granted additional transfer credit should consult with an academic adviser in Meserve Hall.

Core curriculum. All students in the College of Arts and Sciences must complete the college's core curriculum in order to graduate. The core curriculum is a set of course requirements intended to offer the breadth of experience essential to a well-rounded individual and the broad base of knowledge traditionally associated with a liberal arts education, as well as to promote lifelong learning. The core curriculum complements students' major programs by providing opportunities to present ideas from other disciplines found in the arts, humanities, mathematics, social sciences, and sciences. The college believes that the core curriculum should enhance students' critical reading, writing, thinking, and communication skills; introduce the foundational methods of perception and inquiry; engage interest in the analytical and integrative tools used in disciplines outside the students' major; and encourage constructive thought about identity and respect for other ethnic and cultural heritages. Instruction in core courses strives to emphasize the critical skills, reflective thought, and ethical standards that form the basis of a well-educated, productive, creative, and intellectually responsible citizen.

The college core requirements, combined with the students' major requirements, enable Arts and Sciences students to satisfy the University's academic common experience (ACE) and diversity objectives for all undergraduate curricula.

The core curriculum encompasses the following areas:

- **English.** College writing and one advanced writing in the disciplines (AWD) course (Core Category I)
- **Mathematics.** One or two courses depending on placement level upon entry to the University (Core Category I)
- **Foreign Language.** A modern language or American Sign Language (one full year of college-level study required of all Bachelor of Arts candidates) (Core Category I)
- **Methods of Inquiry.** Arts context, humanities context, natural world context, and social world context (Core Category II)
- **Diversity.** (Core Category III)
- **Historical, Ethical, and Aesthetic Perspectives.** (Core Category IV)
- **Analysis.** (Core Category V)

Descriptions for all College of Arts and Sciences courses begin on page 205. Courses approved for the college's core curriculum are listed beginning on page 44. Students are required to complete courses in each category of the core, depending on the major and degree pursued.

Experiential Education Requirement. All Arts and Sciences students are required to fulfill the college's experiential education requirement. This requirement has two components: (1) an *approved* experiential activity (that is, co-op, internships, undergraduate research, fieldwork or practica, study abroad, community service, and others), and (2) a reflective academic component that integrates the experiential piece into the student's academic studies. Students are considered to have fulfilled the requirement only when both components have been satisfactorily completed. Although the experiential requirement does not need to be fulfilled in the student's major, each department does have options for fulfilling the requirement.

Academic departments and program offices have information about planning for and completing the experiential education requirement in their majors, and department experiential education advisers are available to answer questions and advise students on how best to fulfill it.

Foreign language. All Bachelor of Arts degree candidates must demonstrate proficiency in a modern foreign language or American Sign Language. To satisfy the requirement, students must complete two semesters of the language with grades of C or better in all courses. No language course that will be used to satisfy the requirement may be taken pass/fail. Students may also satisfy the language requirement by meeting a comparable criterion established by the Department of Modern Languages and the American Sign Language Program. This criterion requires that a student provide evidence of having been educated in the language at the high school level or equivalent.

Conditional exemption from this requirement may be granted to students who earned an average of C or better in a full, four-year language sequence in secondary school. A conditional exemption must be confirmed by taking a proficiency

examination during the first semester at the University. A sufficiently high score will verify the exemption; otherwise, the student will be advised of the appropriate language course to take in the following semester.

Absolute exemption is granted to students for whom English is a foreign language or who receive a score of 550 or better in the Language Achievement Examinations.

The normal sequence for students with no prior preparation is one year of college-level course work in a language. The Department of Modern Languages or the American Sign Language Program will determine an appropriate entry point at which students who have partial language preparation may begin completing the requirement.

Advanced Writing in the Disciplines (AWD). The advanced writing in the disciplines requirement may not be fulfilled until the student has successfully completed at least 64 semester hours (including transfer credit). It is strongly suggested that students finish their AWD requirement before beginning their final year of course work. The requirement must be fulfilled in the full-time day programs at Northeastern. The College of Arts and Sciences strongly recommends Advanced Writing in the Disciplines, ENG U301, to complete the AWD requirement. Students may, however, also satisfy the requirement by completing one of the following courses with a grade of C or better:

ENG U302	Advanced Writing in the Technical Professions
ENG U303	Advanced Writing in the Environmental Professions
ENG U304	Advanced Writing in the Business Administration Professions
ENG U305	Advanced Writing in the Criminal Justice Professions
ENG U306	Advanced Writing in the Health Professions
HST U301	The History Seminar
with HST U302	Historical Writing
JRN U301	Journalism 3

Students not participating in the cooperative education program should complete the AWD requirement in their junior year.

INTERDISCIPLINARY STUDIES

www.interdisciplinary.neu.edu

The Center for Interdisciplinary Studies in the College of Arts and Sciences offers students the opportunity to study in a broad range of interdisciplinary programs suited to their curricular or career objectives and also permits students to design their own independent programs of study. The center is a resource for students who want to obtain more information about the various interdisciplinary programs, apply for interdisciplinary scholarships, join our affiliated academic organizations, enroll in special courses, and participate in our innovative community partnerships.

The center also supports and coordinates the individual programs. There are approximately twenty interdisciplinary programs within the College of Arts and Sciences and negotiations are ongoing to develop new undergraduate programs. Interdisciplinary programs consist of freestanding majors, dual majors, minors, and concentrations. This vast array permits students the flexibility to design their own interdisciplinary studies, to complete dual and double majors, to explore the boundaries at the cutting edge of existing disciplines, and to explore areas of secondary or personal interest and nontraditional courses of study. For more information on the programs, contact the Center for Interdisciplinary Studies (9 Holmes) at 617.373.2427 or the individual program directors. The interdisciplinary programs of the college follow.

Interdisciplinary Majors

Behavioral Neuroscience	See page 55.
Biochemistry	See page 57.
Cinema Studies* (dual majors)	See page 62.
Environmental Studies*	See page 80.
Human Services*	See page 83.
International Affairs*	See page 85.
Linguistics*	See page 89.

*A minor is also available.

Double Majors

Students with interests in two separate fields have traditionally pursued both by enrolling in a double major. A double major allows students to combine two majors of their choice. Students pursuing double majors complete all major requirements in both majors, the Bachelor of Science degree version of the college core curriculum, and the Bachelor of Arts degree language requirement (if pursuing a Bachelor of Arts Degree). The college also allows unlimited double counting across core curriculum and major requirements for students in double majors.

Dual Majors

The integrated dual major allows students to link concepts across disciplinary boundaries. Dual-major options are limited to those combinations for which faculty from two majors have identified nine or more courses from each major, plus an additional one or two “capstone” or integrative courses, that specifically help students link the concepts learned in both majors. As with double majors, students pursuing dual majors complete the Bachelor of Science degree version of the college core curriculum and the Bachelor of Arts degree language requirement (if pursuing a Bachelor of Arts degree), and there can be unlimited double counting between the core curriculum and major requirements. Fulfilling the college’s experiential education requirement (see page 32) provides an additional opportunity for supervised work linking the two areas of study. Currently, the following dual majors are offered within the College of Arts and Sciences:

Cinema Studies and English
 Cinema Studies and Communication Studies
 Cinema Studies and Journalism
 Cinema Studies and Modern Languages
 Cinema Studies and Theatre
 Linguistics and English
 Linguistics and Psychology

The following dual majors are offered by the College of Arts and Sciences in conjunction with other colleges at the University:

Cognitive Psychology (Cognitive Psychology concentration) and Computer Science (College of Computer and Information Science)

Mathematics and Computer Science (College of Computer and Information Science)

Physics and Computer Science (College of Computer and Information Science)

Students interested in these dual majors should contact the participating college or department, or consult interdisciplinary major details. Information may also be obtained at the Center for Interdisciplinary Studies, 9 Holmes Hall, 617.373.2427.

Other dual majors, both within the College of Arts and Sciences and across colleges, are currently under development or undergoing the University's review process.

Teacher Training

All teacher training programs in the College of Arts and Sciences require that students combine an Arts and Sciences major with a program in Early Childhood Education or Elementary Education, certification in Special Education, or minor in Secondary Education at the School of Education (in some instances including courses in the Bouvé College of Health Sciences: Counseling Psychology, Rehabilitation, and Special Education, or Physical Education and Dance Studies programs). Completion of these combined programs enables students to obtain advanced provisional certification, which is recognized in Massachusetts and other states as well. See page 75 for details or contact the School of Education (54 Lake Hall) at 617.373.3302.

Independent Major

Eligible students who can demonstrate that none of the established major programs in the College of Arts and Sciences provide preparation for their academic or professional goals may petition to design an independent major. The independent major is expected to be interdisciplinary in nature, crossing two or more disciplines. All independent majors must also include a major research effort.

For proposal guidelines, contact the Center for Interdisciplinary Studies (9 Holmes) at 617.373.2427. To begin the process, contact your academic adviser in the Center for Experiential Education and Academic Advising (1 Meserve) at 617.373.3980.

INTERDISCIPLINARY MINORS

Cinema Studies

The cinema studies program at Northeastern University is unique in the Boston area, offering a broad interdisciplinary curriculum. Students who choose the cinema studies minor learn to approach the film and television medium from a range of aesthetic, historical, international, and sociological perspectives. They may also learn to integrate these analytical approaches with practical experience in videography and the study of broadcast technology. The diverse course offerings and carefully structured program have enabled our graduates to do well in the ever-expanding world of video production, distribution, and marketing, as well as to pursue careers as film scholars and teachers. Students take six courses: two required courses, the experiential learning requirement, and three electives. See page 62 for more information on cinema studies or go to the cinema studies Web site at www.cinemastudies.neu.edu.

Minor in Cinema Studies

See "Minor in Cinema Studies" on page 67.

East Asian Studies

East Asian Studies is a new program at Northeastern that offers a broad interdisciplinary curriculum. This course of international study not only prepares students to deal with an increasing global environment regardless of their career choice, but also provides insights into our own society.

Minor in East Asian Studies

REQUIRED COURSES

Complete the following two courses from either regional study:

China

HST U350	Modern China	4 SH
POL U485	Government and Politics in China	4 SH

Japan

HST U351	Japan since 1850	4 SH
POL U480	Government and Politics in Japan	4 SH

ELECTIVE COURSES

Complete three courses from the following list. They may include up to three courses from an approved study-abroad program:

ENG U399	Topics in Literature	4 SH
HST U150	East Asian Studies	4 SH
HST U243	American Images of China	4 SH
HST U250	Emergence of East Asia	4 SH
HST U251	Modern East Asia	4 SH
HST U252	Japanese Literature and Culture	4 SH
HST U253	History of Vietnam Wars	4 SH
HST U313	Gender and Revolution in Russia and China	4 SH
HST U450	Engendering China	4 SH
HST U650	Topics in Asian History	4 SH

LNC U101	Elementary Chinese 1	4 SH
LNC U102	Elementary Chinese 2	4 SH
LNC U150	Backgrounds of Chinese Culture	4 SH
LNC U255	Chinese Film: Gender, Ethnicity	4 SH
LNC U301	Chinese Conversation and Composition 1	4 SH
LNJ U101	Elementary Japanese 1	4 SH
LNJ U102	Elementary Japanese 2	4 SH
LNJ U150	Introduction to Japanese Pop Culture	4 SH
LNJ U260	Japanese Film	4 SH
LNJ U301	Japanese Conversation and Composition	4 SH
MUS U130	Music of Asia	4 SH
PHL U275	Eastern Religions	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

Minor in East Asian Studies—Language Track**REQUIRED COURSES**

Complete the following two courses for either language:

Chinese

LNC U101	Elementary Chinese 1	4 SH
LNC U102	Elementary Chinese 2	4 SH

Japanese

LNJ U101	Elementary Japanese 1	4 SH
LNJ U102	Elementary Japanese 2	4 SH

ELECTIVE COURSES

Complete three courses from the following list. They may include up to three courses from an approved study-abroad program:

ENG U399	Topics in Literature	4 SH
HST U150	East Asian Studies	4 SH
HST U243	American Images of China	4 SH
HST U250	Emergence of East Asia	4 SH
HST U251	Modern East Asia	4 SH
HST U252	Japanese Literature and Culture	4 SH
HST U253	History of Vietnam Wars	4 SH
HST U313	Gender and Revolution in Russia and China	4 SH
HST U350	Modern China	4 SH
HST U351	Japan since 1850	4 SH
HST U450	Engendering China	4 SH
HST U650	Topics in Asian History	4 SH
LNC U150	Backgrounds of Chinese Culture	4 SH
LNC U255	Chinese Film: Gender, Ethnicity	4 SH
LNC U301	Chinese Conversation and Composition 1	4 SH
LNJ U150	Introduction to Japanese Pop Culture	4 SH
LNJ U260	Japanese Film	4 SH
LNJ U301	Japanese Conversation and Composition	4 SH
MUS U130	Music of Asia	4 SH
PHL U275	Eastern Religions	4 SH
POL U480	Government and Politics in Japan	4 SH
POL U485	Government and Politics in China	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the program director, Professor Tom Havens (249 Meserve), at 617.373.8178 or at t.havens@neu.edu.

Environmental Studies

The environmental studies program is designed for students who wish to apply an understanding of both social and scientific issues to the solution of environmental problems. The environmental studies minor is structured to provide a progressive development in skills and knowledge. It is flexible in that it allows latitude in upper-level course choices, selected with the approval of a faculty adviser, to suit individual student interests.

Minor in Environmental Studies

See “Minor in Environmental Studies” on page 73.

Human Services

The human services program prepares students for a career in one of the areas broadly defined as “the helping professions.” Society recognizes the necessity, value, and reward of dedicating time and energy to helping people.

Minor in Human Services

See “Minor in Human Services” on page 85.

Independent Minor

The independent minor gives students the opportunity to construct and obtain recognition for a coherent interdisciplinary content, thematic, or other focus of study supplementary to their major. Minors consist of six courses approved by a faculty adviser who acts as the minor’s sponsor as well as facilitator for the student. The minor should include a directed study course to help the student integrate the subject matter from the disparate disciplines.

GPA REQUIREMENT

2.000 GPA required in the minor

For proposal guidelines, contact the Center for Interdisciplinary Studies (9 Holmes) at 617.373.2427. To begin the process, contact your academic adviser in the Center for Experiential Education and Academic Advising (1 Meserve) at 617.373.3980.

International Affairs

International affairs brings together various disciplines from the social sciences and humanities, preparing students to live and work in our increasingly global society—the interdependent world in which they will be competing and cooperating.

For more information, please contact Professor Tony Jones (500 Holmes) at 617.373.4981 or at t.jones@neu.edu.

Minor in International Affairs

See “Minor in International Affairs” on page 86.

Jewish Studies

The Jewish studies program provides students with the opportunity to explore the culture and religion of the Jewish people with a focus on contemporary Jewish life and thought. As a special feature of the program, a cooperative relationship between Northeastern University and Hebrew College allows for a tuition-free cross-registration and concurrent library privileges at both institutions. Students may also be eligible to take advanced and/or specialized courses at Hebrew College, through a joint concentration in Jewish studies with Northeastern.

Students who choose to minor in Jewish studies take a minimum of five approved courses at the Northeastern campus, at Hebrew College, through the University's study-abroad program, and/or through the Jewish studies concentration in the human services program. To minor in Jewish studies, a minimum of three courses must be completed at the Northeastern campus.

Minor in Jewish Studies

REQUIRED COURSES

Complete the following two courses:

PHL U285	Jewish Religion and Culture	4 SH
INT U660	Jewish Studies Module	1 SH
or SOC U924	Directed Study	4 SH

ELECTIVE COURSES

Complete three courses from the following list:

AFR U365	Blacks and Jews	4 SH
ENG U710	Junior/Senior Seminar	4 SH
HST U431	American Jewish History	4 SH
HST G306	Research Seminar in Twentieth-Century Europe	4 SH
INT U640	Topics in Jewish Studies	4 SH
MUS U132	Music of the Jewish People	4 SH
PHL U150	Understanding the Bible	4 SH
PHL U335	Nineteenth-Century Philosophy	4 SH
POL U470	Arab-Israeli Conflict	4 SH
SOC U259	Women in Jewish Culture	4 SH

ANCILLARY ELECTIVE

Complete one course from the following list:

PHL U110	Introduction to Religion	4 SH
POL U370	Religion and Politics	4 SH
POL U465	Government and Politics in the Middle East	4 SH
SOC U240	Sociology of Prejudice and Violence	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the Director of Jewish Studies, Professor Debra Kaufman (515 Holmes), at 617.373.4270 or at d.kaufman@neu.edu. Program coordinator is Jen Burke at j.burke@neu.edu at 617.373.4270.

Latino/a Studies Minor

The LLACS (Latino, Latin American, and Caribbean Studies) program offers an interdisciplinary minor. It explores the historical, cultural, political, and economic foundations of and linkages between U.S. Latino society, Latin America, and the Caribbean. It draws from the heritages of the Americas that are grounded in predominantly indigenous, African, and European cultures.

Minor in Latino, Latin American, and Caribbean Studies

REQUIRED COURSE

Complete the following course:

INT U220	Latino, Latin American, and Caribbean Studies	4 SH
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ELECTIVE COURSES

Complete three courses from the following list:

AFR U345	The Black Experience in the Caribbean	4 SH
AFR U367	Race and Social Identity	4 SH
CIN U240	Latin American Film	4 SH
CIN U265	Spanish Civil War on Film	4 SH
ECN U270	Economic Status of Ethnic Minorities	4 SH
ENG U671	Multiethnic Literature of the U.S.	4 SH
ENG U673	U.S. Latino/Latina Literature	4 SH
HST U260	Modern Latin America	4 SH
HST U261	The Modern Caribbean	4 SH
LNS U160	Latin American Culture	4 SH
LNS U170	Caribbean Literature and Culture	4 SH
LNS U650	Latin American Literature	4 SH
MUS U127	Introduction to World Music	4 SH
MUS U131	Music of Latin America and the Caribbean	4 SH
PHL U265	Latin American Religions	4 SH
POL U380	Latino Politics in the United States	4 SH
POL U475	Government and Politics in Latin America	4 SH
SOA U365	Sport, Culture, and Society	4 SH
SOA U500	Latin American Society and Development	4 SH
SOC U246	Environment and Sociology	4 SH
SOC U270	Race and Ethnic Relations	4 SH
SOC U460	Sociology of Latino Society	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the program director, Professor Alan West-Duran (400 Meserve), at 617.373.4292 or at a.westduran@neu.edu.

Leadership Studies

The leadership studies minor is designed to provide students with the background and skills needed to become strong, effective, and knowledgeable leaders in a variety of fields and disciplines. This minor provides students, in any academic major, the skills needed to become visible in the increasingly complex and competitive world. Students who minor in the leadership studies program will gain valuable training while they hone their debating, writing, editing, public speaking, analytical, critical thinking, and interpersonal skills.

The leadership studies minor crafts a curriculum that works well in partnership with a broad spectrum of majors. The core courses of the minor draw from the Departments of Communication Studies, Journalism, Interdisciplinary Studies, and Philosophy, providing an ethical and skills base for students. This interdisciplinary array of arts and sciences courses helps students develop effective thinking, effective communication, and interpersonal skills. At the application level, the leadership minor currently proposes three tracks that serve a wide variety of student interests and concerns: **Public Policy**, **Military Leadership**, and **Women and Leadership**.

The **Public Policy** track is designed for students interested in the functions of government, public policymaking, and public administration. The courses in this track allow students to study world leaders, policymakers, and decision-makers critically in both an historical and contemporary context. Students are able to study how policy decisions affect populations, human and ecological environments, and the legitimacy and authority of public decision-makers. Through such innovative courses as the Model United Nations (POL U910) and the Model Arab League (POL U915), students are able to simulate real-world interactions, allowing them to understand the dynamics of leadership and decision-making and the impacts that public and interpersonal communication skills have on these processes.

The **Military Leadership** track seeks to integrate Reserve Officer Training Corps courses into the broader framework of experiential leadership education. This track focuses on teaching students the principles of leadership in an academic setting and then providing students with the opportunity to apply these principles to real-world situations. The courses build on one another and, as the student develops leadership skills, the practical exercises broaden in scope and responsibility. The military leadership track culminates in a five-week leadership practicum, in which students are expected to synthesize and integrate the leadership principles and skills learned. This track combines ROTC courses with general arts and sciences courses to provide students with an understanding of war and conflict in an historical, economic, social, and political context. These courses focus on military history, security policy, and conflict negotiations, allowing students to analyze leadership critically through historical case studies.

The **Women and Leadership** track provides opportunities for academic and experiential learning concerning gender, identity, and the role of women leaders. The College of Arts and Sciences is committed to empowering women, promoting women in the workplace and government, and fostering understanding of women's roles in an increasingly global, diverse, and integrated society. This track will help develop an understanding of women as leaders in both a global and an historical context, raise awareness of how gender relates to the definitions and practices of leadership, and enhance leadership skills for all participating students. The proposed minor requires students to complete seven courses designated as follows:

Minor in Leadership Studies

REQUIRED COURSES—INTRODUCTION

Complete the following course:

INT U130	Introduction to Leadership Studies	4 SH
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REQUIRED COURSES—PRACTICUM/EXPERIENCE

Complete one of the following courses. The directed study and service learning course options require approval from the program director:

INT U940	Student Leadership Practicum	4 SH
INT U954	Experiential Education Directed Study	4 SH
INT U960	Service Learning	4 SH

REQUIRED COURSES—ETHICS

Complete one course from the following list:

PHL U130	Ethics: East and West	4 SH
PHL U137	Philosophical Problems of War and Peace	4 SH
PHL U145	Technology and Human Values	4 SH
PHL U160	Philosophical Problems of Economic Justice	4 SH
PHL U165	Moral Problems in Medicine	4 SH
PHL U170	Business Ethics	4 SH
PHL U180	Environmental Ethics	4 SH
PHL U435	Moral Philosophy	4 SH
PHL U465	Advanced Medical Ethics	4 SH

ELECTIVES

Complete 16 semester hours of electives in your chosen track. No more than 8 semester hours may be taken from any single department. A maximum of 4 semester hours may be taken from the leadership common electives:

Public Policy Track

AFR U270	Economic Status of Ethnic Minorities	4 SH
AFR U344	Contemporary Black Politics	4 SH
AFR U360	Politics of Poverty	4 SH
AFR U645	National Model OAU/African Union	4 SH
CMN U610	Political Communication	4 SH
ECN U240	Economics of Crime	4 SH
ECN U270	Economic Status of Ethnic Minorities	4 SH
ECN U414	Economics of Human Capital	4 SH
HST U342	Environmental History of North America	4 SH
HST U345	American Elites	4 SH
PHL U135	Philosophical Problems of Law and Justice	4 SH
PHL U140	Social and Political Philosophy	4 SH
PHL U160	Philosophical Problems of Economic Justice	4 SH
PHL U180	Environmental Ethics	4 SH
POL U305	The American Presidency	4 SH
POL U307	Public Policy and Administration	4 SH
POL U315	Interest Groups and Public Policy	4 SH
POL U385	U.S. Health and Welfare Policy	4 SH
POL U395	Environmental Politics	4 SH
POL U575	Special Topics: U.S. Politics	4 SH
POL U910	Model United Nations	4 SH
POL U915	Model Arab League	4 SH

Military Leadership Track

AFR U645	National Model OAU/African Union	4 SH
ARM U120	Basic Leadership	1 SH
ARM U301	Individual Leadership Studies	3 SH
ARM U302	Leadership and Teamwork	3 SH
ARM U501	Leadership and Problem Solving	4 SH
ARM U502	Leadership and Ethics	4 SH
ARM U503	American Military History	3 SH
ARM U601	Leadership and Management	4 SH
HST U214	War in the Modern World	4 SH
HST U253	History of Vietnam Wars	4 SH
IAF U400	International Conflict and Negotiation	4 SH
INT U240	War and Conflict in the Nuclear Age	4 SH
PHL U137	Philosophical Problems of War and Peace	4 SH
POL U425	U.S. Foreign Policy	4 SH
POL U910	Model United Nations	4 SH
POL U915	Model Arab League	4 SH

Women and Leadership Track

AFR U325	African-American Women	4 SH
AFR U645	National Model OAU/African Union	4 SH
CMN U304	Communication and Gender	4 SH
ENG U691	Gender Roles in Literature	4 SH
HST U242	Women in America	4 SH
HST U313	Gender and Revolution in Russia and China	4 SH
INT U103	Women's Studies	4 SH
INT U441	Topics in Women's Studies	4 SH
INT U451	Women's Studies Module	1 SH
LIN U456	Language and Gender	4 SH
POL U910	Model United Nations	4 SH
POL U915	Model Arab League	4 SH
SOC U273	Women Working	4 SH
SOC U402	Feminist Perspectives on Society	4 SH

Leadership Common Electives

A maximum of 4 semester hours may be taken from the following courses:

CMN U112	Public Speaking	4 SH
CMN U303	Global and Intercultural Communication	4 SH
CMN U310	Classical Age of Speech and Rhetoric	4 SH
CMN U311	Argumentation and Debate	4 SH
CMN U312	Voice and Articulation	4 SH
CMN U402	Presentation, Style, and Professional Communication	4 SH
CMN U510	Persuasion in Contemporary Culture	4 SH
CMN U532	Theories of Conflict and Negotiation	4 SH
INT U445	Topics in Leadership	4 SH
JRN U425	Public Relations Principles	4 SH

or complete the following (repeatable) course four times:

INT U455	Leadership Studies Module	1 SH
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or complete INT U455 three times, and complete one of the following courses:

INT U910	NUCASE Ethics Forum: Business	1 SH
INT U911	NUCASE Ethics Forum: Criminal Justice	1 SH
INT U912	NUCASE Ethics Forum: Science	1 SH
INT U941	Forensics Practicum	1 SH

GPA REQUIREMENT

2.000 GPA required in the minor

Linguistics

What is language? How do children learn to speak? How are signed languages different from spoken languages? How do language barriers keep people apart, and how do language ties bring them together? Do men and women speak differently? What information does a machine need for it to “understand” or “produce” speech or text? How can language serve as a window into the mind? If you are interested in these questions, then linguistics is an essential field of study.

Minor in Linguistics

See “Minor in Linguistics” on page 93.

Marine Studies

The marine studies minor is designed to provide a structured program for students with an interest in the marine environment. The program allows a primary, but not exclusive, emphasis in either the scientific or the social science/humanistic study of the oceans.

The program draws on courses throughout the University and is affiliated with several outstanding, specialized marine programs. These include the Sea Semester Program run by the Sea Education Association, which provides a rigorous program in marine sciences at Woods Hole, Massachusetts, and aboard one of its tall ships for training cruises in the Caribbean, Pacific, or Labrador Sea.

Students may also take courses through the Marine Studies Consortium, comprising sixteen area colleges and universities. These courses are taught by local experts and practitioners in marine fields.

Minor in Marine Studies**REQUIRED COURSES**

Complete four courses from the following lists, with at least one course from humanities and one course from the sciences. In addition, two courses must be above the introductory level:

Humanities

HST U210	Atlantic Connection	4 SH
HST U232	History of Boston	4 SH
INT U305	Maritime History of New England	4 SH
INT U310	Water Resources Policy and Management	4 SH

Sciences

BIO U151	Introduction to Marine Biology	4 SH
BIO U315	Invertebrate Zoology	4 SH
BIO U501	Marine Botany	4 SH
BIO U503	Marine Invertebrate Zoology	4 SH
BIO U505	Biology of Corals and Coral Reefs	3 SH
BIO U507	Biology and Ecology of Fishes	3 SH
BIO U509	Marine Birds and Mammals	2 SH
BIO U511	Adaptations of Aquatic Organisms	3 SH
BIO U515	Benthic Marine Ecology	3 SH
BIO U517	Oceanography	2 SH

BIO U519	Ocean and Coastal Processes	3 SH
BIO U521	Experimental Design Marine Ecology	4 SH
BIO U523	Molecular Marine Biology	3 SH
BIO U525	Marine Microbial Ecology	2 SH
BIO U589	Diving Research Methods	2 SH
GEO U102	Marine Resources	4 SH
GEO U104	Physical Oceanography	4 SH
GEO U106	Biological Oceanography	4 SH
GEO U108	New England Fisheries Resources	4 SH
GEO U110	Geology of Oceans and Coasts	4 SH
GEO U510	Environmental Planning	4 SH
GEO U542	Fossils and Paleoecology	5 SH
with GEO U543	Lab for GEO U542	1 SH
GEO U544	Sedimentation	5 SH
with GEO U545	Lab for GEO U544	1 SH
GEO U546	Coastal Processes	5 SH
with GEO U547	Lab for GEO U546	1 SH
GEO U548	Marine Geology	4 SH
INT U200	Marine Studies	4 SH
INT U210	Marine Mammals	4 SH
INT U300	The Ocean World	4 SH
INT U315	Wetlands: Ecology and Hydrology	4 SH
INT U325	Coastal Zone Management	4 SH
INT U500	Advanced Seminar in Marine Studies	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the director of marine studies, Professor Peter Rosen (14 Holmes), at 617.373.4380 or at p.rosen@neu.edu.

Middle East Studies

The new interdisciplinary minor in Middle East Studies available through the College of Arts and Sciences prepares students to study and understand the complexities of this region of the globe.

GPA REQUIREMENTS

2.000 GPA required in the minor

Minor in Middle East Studies**REQUIRED COURSES**

Complete the following two courses:

HST U290	Modern Middle East	4 SH
POL U465	Government and Politics in the Middle East	4 SH

ELECTIVE COURSES

Complete three courses from the following list. They may include up to three courses from an approved study-abroad program:

HST U393	Islam and Empires	4 SH
HST U394	Islamic Nationalism	4 SH
LNA U101	Elementary Arabic 1	4 SH
LNA U102	Elementary Arabic 2	4 SH
PHL U280	Islam	4 SH
POL U470	Arab-Israeli Conflict	4 SH
POL U915	Model Arab League	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

Minor in Middle East Studies—Language Track**REQUIRED COURSES**

Complete the following two courses:

LNA U101	Elementary Arabic 1	4 SH
LNA U102	Elementary Arabic 2	4 SH

ELECTIVE COURSES

Complete three courses from the following list. They may include up to three courses from an approved study-abroad program:

HST U290	Modern Middle East	4 SH
HST U393	Islam and Empires	4 SH
HST U394	Islamic Nationalism	4 SH
PHL U280	Islam	4 SH
POL U465	Government and Politics in the Middle East	4 SH
POL U470	Arab-Israeli Conflict	4 SH
POL U915	Model Arab League	4 SH

GPA REQUIREMENT

2.000 GPA required in the minor

Students may also fulfill the minor by completing approved courses through Northeastern's Partnership with Hebrew College or by taking up to three courses from an approved Northeastern study-abroad program.

For more information, contact Professor Irm Haleem (303 Meserve) at 617.373.4400 or at i.haleem@neu.edu.

Urban Studies

The urban studies minor offers undergraduates interested in urban issues an opportunity to develop a tailor-made curriculum for their minor. Following Northeastern's tradition of practice-oriented education, the program offers opportunities to engage in urban research and to complete cooperative education placements in organizations that address urban issues (that is, community-based organizations, city government agencies, or metropolitan planning agencies). An urban studies minor complements many social science majors as well as architecture, business, and engineering. It also provides a solid background for graduate study and professional careers in urban planning and policy, social work, and related fields.

Minor in Urban Studies**REQUIRED COURSES**

Complete the following two courses:

POL U357	Growth and Decline of Cities and Suburbs	4 SH
or SOC U357	Growth and Decline of Cities and Suburbs	4 SH
POL U358	Current Issues in Cities and Suburbs	4 SH
or SOC U358	Current Issues in Cities and Suburbs	4 SH

ELECTIVE COURSES

Complete two courses from the following list:

AFR U140	African-American History	4 SH
AFR U270	Economic Status of Ethnic Minorities	4 SH
AFR U312	Black History of Boston	4 SH
AFR U337	African-American History before 1900	4 SH
AFR U360	Politics of Poverty	4 SH
AFR U399	Black Community and Social Change	4 SH
AFR U485	Educational Issues/Black Community	4 SH
ARC U111	History of World Architecture 1	4 SH
ARC U112	History of World Architecture 2	4 SH
ARC U223	American Architecture	4 SH
ARC U325	Nineteenth-Century Architecture and Urbanism	4 SH
ARC U326	Twentieth-Century Architecture and Urbanism	4 SH
ECN U101	Economic Problems and Perspectives	4 SH
ECN U270	Economic Status of Ethnic Minorities	4 SH
ECN U420	Urban Economic Issues	4 SH
ECN U461	Government and Business	4 SH
ECN U470	American Economic History	4 SH
HST U140	Introduction to African-American History	4 SH
HST U230	Contemporary America	4 SH
HST U232	History of Boston	4 SH
HST U338	African-American History since 1900	4 SH
HST U344	U.S. Urban History	4 SH
POL U307	Public Policy and Administration	4 SH
POL U345	Urban Policies and Politics	4 SH
SOA U305	Global Markets and Local Culture	4 SH
SOC U220	Sociology of Boston	4 SH
SOC U247	Urban Social Problems	4 SH
SOC U403	American Society	4 SH
SOC U418	Greater Boston Urban Policy Seminar	4 SH

BROWN BAG SERIES

Participate in a brown bag series. Talks are held once a semester to discuss timely urban topics.

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the program director, Professor Joan Fitzgerald (205 Holmes), at 617.373.3644 or at jo.fitzgerald@neu.edu.

Women's Studies

The women's studies program offers students an opportunity to work with respected scholars in a variety of disciplines to examine the human experience through the perspectives of women. This interdisciplinary program examines the importance of gender in societies around the world, past and present. The curriculum encourages students to learn and think about how changing beliefs about women and men have affected research and scholarship in the arts, humanities, and social and natural sciences. Students learn about gender stereotypes, the various ways ideas about gender and sexuality have developed, and the changing situation for women and men today.

Key questions are posed that change how people see the world: How does gender influence the kinds of questions we can ask of the world around us? What information can become data when you use gender as a central part of examining a problem? The women's studies program coordinates the Boston Area Feminist Issues Colloquia series and sponsors the Visiting Research Scholars in Women's Studies series. Women's studies also works closely with the independent, student-run Feminist Student Organization to sponsor programs for Women's History Month and other events of special concern to women students.

Minor in Women's Studies**REQUIRED COURSE**

Complete the following course:

INT U103	Women's Studies	4 SH
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ELECTIVE COURSES

Complete three courses from the following list:

AFR U109	Foundations of Black Culture 1	4 SH
AFR U185	Gender in the African Diaspora	4 SH
AFR U220	African-American Theatre	4 SH
AFR U261	The Modern Caribbean	4 SH
AFR U320	The Black Family	4 SH
AFR U350	History of Blacks in the Media and the Press	4 SH
AFR U367	Race and Social Identity	4 SH
AFR U500	Arts of the African Diaspora	4 SH
AFR U663	Early African-American Literature	4 SH
BIO U149	Biology of Human Reproduction	4 SH
CAP U505	Human Sexuality	4 SH
CIN U350	Film Theory	4 SH
CIN U390	Film and Psychoanalysis	4 SH
CJ U500	Gender, Crime, and Justice	4 SH
CMN U304	Communication and Gender	4 SH
ENG U226	Backgrounds in English and American Literature	4 SH
ENG U350	Linguistic Analysis	4 SH
ENG U399	Topics in Literature	4 SH
ENG U588	Literature in Context	4 SH
ENG U600	Major Figure	4 SH
ENG U663	Early African-American Literature	4 SH
ENG U670	Modern African-American Literature	4 SH
ENG U671	Multiethnic Literature of the U.S.	4 SH
ENG U691	Gender Roles in Literature	4 SH
HST U203	Modern Family	4 SH
HST U204	Third World Women	4 SH
HST U242	Women in America	4 SH
HST U350	Modern China	4 SH
HST U372	Gender and Society in Modern Europe	4 SH
HST U431	American Jewish History	4 SH
LIN U350	Linguistic Analysis	4 SH
LIN U412	Language and Culture	4 SH
LNC U255	Chinese Film: Gender, Ethnicity	4 SH
LNS U150	Spanish Culture	4 SH
LNS U240	Latin American Film	4 SH

LNS U265	Spanish Civil War on Film	4 SH
MUS U106	Women in Music	4 SH
MUS U924	Directed Study	4 SH
NUR U302	Nursing with Women and Families	3 SH
with NUR U303	Lab for NUR U302	2 SH
NUR U302	Nursing with Women and Families	5 SH
PHL U295	Religious Perspectives on Health and Healing	4 SH
PHL U390	Cults and Sects	4 SH
POL U375	Gender and Politics	4 SH
POL U475	Government and Politics in Latin America	4 SH
PSY U200	Psychology of Women	4 SH
PSY U206	Food, Behavior, and Eating Disorders	4 SH
PSY U354	Psychology and Film	4 SH
PSY U404	Developmental Psychology	4 SH
SOA U302	Gender and Sexuality: A Cross-Cultural Perspective	4 SH
SOA U302	Sex, Sex Roles, and Family	4 SH
SOA U305	Global Markets and Local Culture	4 SH
SOA U307	Social Movements in the Third World	4 SH
SOA U412	Language and Culture	4 SH
SOA U500	Latin American Society and Development	4 SH
SOC U255	Sociology of the Family	4 SH
SOC U256	Violence in the Family	4 SH
SOC U259	Women in Jewish Culture	4 SH
SOC U260	Gender in a Changing Society	4 SH
SOC U268	The Social Movements of the 1960s	4 SH
SOC U272	Social Roles in the Business World	4 SH
SOC U273	Women Working	4 SH
SOC U280	Sociology of Work	4 SH

UPPER-DIVISION ELECTIVE

Complete one upper-division course in consultation with the Director of the Women's Studies Program.

GPA REQUIREMENT

2.000 GPA required in the minor

For more information, contact the program director, Professor Susan Setta (386 Holmes), at 617.373.7699 or at s.setta@neu.edu or women's studies staff at 617.373.4984 or at l.wang@neu.edu.

INTERDISCIPLINARY FACILITIES

An interdisciplinary media training facility features two television studios, eleven state-of-the-art Avid nonlinear digital video-editing systems, and a professional-level digital audio recording/editing/mixing facility. It is located on the second floor of Shillman Hall. Qualified students may enroll in courses utilizing this facility through any of its participating departments (visual arts, cinema studies, communication studies, history, journalism, music, or theatre) or through interdisciplinary studies. Note that these courses fill quickly; some

require prerequisites; and many give preference to students whose majors require them. For field production, the studio offers an array of digital cameras and peripheral equipment including lights and microphones. For students who complete elementary and intermediate training in the studio, an interdisciplinary capstone production course is offered; resulting videos may be broadcast on a cable channel in Boston. For details about eligibility and availability, contact one of the participating departments or the studio manager, Ron Starr, at 617.373.2314.

The multimedia studies dual major (see course descriptions on pages 356–357) offers its students access to a number of modern facilities. Among these are a dedicated computer music lab, an advanced music and sound synthesis facility, a graphics and media development room, and a state-of-the-art, multimedia development center constructed in 1999. The multimedia development center is used by students for courses in graphics and animation, and is also the site of the program's capstone courses, in which students from all the core multimedia disciplines work together on team projects. In addition, the center is used by the guest speakers and lecturers who regularly appear on campus in support of the multimedia curriculum.

Hardware and software in the multimedia center permit the production of multimedia creations that integrate live action and/or animated moving images, graphics, photographs, sound effects, and music. The center can operate independently or via networked interchange with digital arts, digital music, and media production laboratories and studios on campus or, through NUNET links to the Internet, with resources available elsewhere.

For more information on the multimedia dual major and its facilities, contact the program director, Professor Anthony De Ritis, at 617.373.3914 or at a.deritis@neu.edu.

SPECIAL PROGRAMS

Additional information is available from involved departments and the Center for Experiential Education and Academic Advising, 1 Meserve Hall.

The availability of all special programs is contingent on meeting minimum enrollment numbers and, when an outside institution is involved, continued affiliation of that institution with the University. Overseas study programs are open to qualified middlers, juniors, and seniors with a cumulative grade-point average of 3.000 or higher.

Combined Program with Professional Schools

In the combined program, a preprofessional student may reduce by one year the time normally required for obtaining both the undergraduate and professional degrees. Students who have completed at least three-fourths of the work required for a baccalaureate degree in the College of Arts and Sciences and who are accepted into an approved professional school of