

**COMMUNICATIONS STUDIES MAJOR ELECTIVES**

Complete three courses from any concentration or from the following list:

CMN U901	Senior Seminar in Communications	4 SH
CMN U910	Special Topics in Public Communication	4 SH
CMN U912	Special Topics in Media Studies	4 SH
CMN U914	Special Topics: Organizational Communication	4 SH
CMN U916	Organizational Communication Practicum	4 SH
CMN U924	Directed Study	4 SH
CMN U944	Internship in Communication	4 SH

**EXPERIENTIAL EDUCATION REQUIREMENT**

Complete one course in experiential education. Please see department for approved courses.

**COMMUNICATIONS STUDIES MAJOR CREDIT REQUIREMENT**

Complete 52 semester hours in the major.

**UPPER-DIVISION ELECTIVES**

Complete three general electives at 300 level or above.

**GENERAL ELECTIVES**

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

**COOPERATIVE EDUCATION**

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

**BA in Cinema Studies and Communication Studies**

See page 63.

**Minor in Communication Studies****REQUIRED COURSES**

Complete the following four courses:

CMN U101	Intro to Communication Studies	4 SH
CMN U112	Public Speaking	4 SH
CMN U220	Media, Culture, Society	4 SH
CMN U231	Principles of Organizational Communication	4 SH

**ELECTIVE COURSES**

Complete three courses from the following list:

CMN U230 to CMN U699

CMN U910 to CMN U914

**GPA REQUIREMENT**

2.000 GPA required in the minor

**EARTH AND ENVIRONMENTAL SCIENCES**

[www.casdn.neu.edu/~geology](http://www.casdn.neu.edu/~geology)

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Daniel R. Faber, PhD, *Sociology and Anthropology*

Thomas R. Gilbert, PhD, *Chemistry*

Malcolm D. Hill, PhD, *Earth and Environmental Sciences*

Judith Perrolle, PhD, *Sociology and Anthropology*

The earth and environmental sciences program encompasses the multidisciplinary study of the earth, the processes of earth's surface, and human interaction with earth processes. Geologists study the physical features, composition, history, and processes of the earth, and they discover new deposits of minerals and fossil fuels. Many environmental geologists and environmental scientists are working to solve environmental problems, such as soil contamination, flooding, slope stability, or shore erosion related to changing land use, and to develop and protect water resources.

Bachelor of Science programs are offered in geology and in environmental geology and a Bachelor of Arts program is offered in environmental studies. The Bachelor of Science programs require course work in mathematics (through calculus), physics, and chemistry, and a set of required and elective geology and environmental courses. All students complete the College of Arts and Sciences core curriculum. Students in the Bachelor of Arts program take a broader array of nonscience courses and must demonstrate proficiency in a foreign language. Courses in the geology major focus on the basic composition (mineralogy and petrology), structure (structural geology and stratigraphy), and surface of the earth (geomorphology and geochemistry). The environmental geology major has a greater emphasis on earth surface processes, human interactions, and land-use planning. Typical environmental geology courses

include hydrogeology, geology and land-use planning, environmental planning, groundwater geochemistry, and coastal processes. Courses in environmental studies include a range of science and social science courses related to environmental issues. Fieldwork is an essential component of training in geology, and many of our courses utilize field sites throughout New England to demonstrate geological processes. In addition to sponsoring these local trips, the department has taken students on longer field excursions to Iceland, to the Cascade Mountains of Washington, to the island of San Salvador in the Bahamas, and to the Grand Canyon. Students also have the option to complete undergraduate research courses with a faculty member. Undergraduate research projects usually involve substantial fieldwork and lab work completed under the guidance of faculty. Honors students in geology have the opportunity to participate in special sections of geology courses and in special honors activities. The geology program offers basic knowledge needed to work in almost any of the geologic professions in both industry and government, or to continue studies in graduate school. The major in environmental geology is particularly popular, and many of our recent graduates work for environmental or geotechnical firms. Students participating in the co-op program typically work with local engineering or environmental consulting companies, or with government agencies. These jobs often involve assessing building sites, evaluating land use, and studying many problems concerned with groundwater contamination and remediation. Students in environmental studies are prepared to work in environmental planning, regulation, policy, or compliance. The broad-based program also prepares students to go into environmental education or law. Co-op experiences in environmental planning may include government internships or work in environmental compliance offices. See pages 295–299 for course descriptions.

## BS in Geology

### COLLEGE OF ARTS AND SCIENCES BS CORE REQUIREMENTS FOR NATURAL SCIENCE MAJORS

See page 46 for requirement list.

### GEOLOGY BREADTH COURSES

#### Mathematics

Complete the following two courses:

MTH U141	Calculus 1	4 SH
MTH U142	Calculus 2	4 SH

#### Chemistry

Complete the following two courses and corresponding labs:

CHM U211	General Chemistry 1	4 SH
with CHM U212	Lab for CHM U211	1 SH
CHM U214	General Chemistry 2	4 SH
with CHM U215	Lab for CHM U214	1 SH

#### Physics

Complete the following two courses and corresponding labs:

PHY U161	Physics 1	4 SH
with PHY U162	Lab for PHY U161	1 SH
PHY U165	Physics 2	4 SH
with PHY U166	Lab for PHY U165	1 SH

#### Science Elective

Complete one course at the 300 level or above from the following departments:

BIO U300 to BIO U699
CHM U300 to CHM U699
CIV U300 to CIV U699
MTH U300 to MTH U699
PHY U300 to PHY U699
TOX U300 to TOX U699

### GEOLOGY MAJOR REQUIREMENTS

#### Earth Foundations

Complete the following three courses and corresponding labs:

GEO U200	Dynamic Earth	4 SH
with GEO U201	Lab for GEO U200	1 SH
GEO U220	History of Earth and Life	4 SH
with GEO U221	Interpreting Earth History	1 SH
GEO U310	Earth Materials	4 SH
with GEO U311	Lab for GEO U310	1 SH

#### Geological Analysis

Complete the following three courses and corresponding labs:

GEO U320	Igneous Petrology and Volcanology	4 SH
with GEO U321	Lab for GEO U320	1 SH
GEO U530	Structural Geology	4 SH
with GEO U531	Lab for GEO U530	1 SH
GEO U540	Sedimentary Basin Analysis	4 SH
with GEO U541	Lab for GEO U540	1 SH

#### Electives

Complete four approved electives.

### EXPERIENTIAL EDUCATION REQUIREMENT

Complete one course in experiential education. Please see department for approved courses.

### GEOLOGY MAJOR CREDIT REQUIREMENT

Complete 80 semester hours in the major.

### GENERAL ELECTIVES

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

### COOPERATIVE EDUCATION

If elected

### UNIVERSITY-WIDE REQUIREMENTS

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

## BS in Environmental Geology

### COLLEGE OF ARTS AND SCIENCES BS CORE REQUIREMENTS FOR NATURAL SCIENCE MAJORS

See page 46 for requirement list.

**ENVIRONMENTAL GEOLOGY BREADTH COURSES****Mathematics**

Complete the following two courses:

MTH U141	Calculus 1	4 SH
MTH U142	Calculus 2	4 SH

**Chemistry**

Complete the following two courses and corresponding labs:

CHM U211	General Chemistry 1	4 SH
with CHM U212	Lab for CHM U211	1 SH
CHM U214	General Chemistry 2	4 SH
with CHM U215	Lab for CHM U214	1 SH

**Physics or Biology**

Complete two courses from one of the two departments with corresponding labs:

**PHYSICS**

PHY U161	Physics 1	4 SH
with PHY U162	Lab for PHY U161	1 SH
or PHY U145	Physics for Life Sciences 1	4 SH
with PHY U146	Lab for PHY U145	1 SH
PHY U165	Physics 2	4 SH
with PHY U166	Lab for PHY U165	1 SH
or PHY U147	Physics for Life Sciences 2	4 SH
with PHY U148	Lab for PHY U147	1 SH

**BIOLOGY**

BIO U101	Principles of Biology 1	4 SH
BIO U103	Principles of Biology 2	4 SH

**Science Elective**

Complete one course at the 300 level or above from the following departments:

BIO U300 to BIO U699
CHM U300 to CHM U699
CIV U300 to CIV U699
MTH U300 to MTH U699
PHY U300 to PHY U699
TOX U300 to TOX U699

**ENVIRONMENTAL GEOLOGY MAJOR REQUIREMENTS****Earth Foundations**

Complete the following three courses and corresponding labs:

GEO U200	Dynamic Earth	4 SH
with GEO U201	Lab for GEO U200	1 SH
GEO U220	History of Earth and Life	4 SH
with GEO U221	Interpreting Earth History	1 SH
GEO U310	Earth Materials	4 SH
with GEO U311	Lab for GEO U310	1 SH

**Geomorphology**

Complete the following course and corresponding lab:

GEO U340	Earth Landforms and Processes	4 SH
with GEO U341	Lab for GEO U340	1 SH

**Hydrogeology**

Complete the following course and corresponding lab:

GEO U520	Applied Hydrogeology	4 SH
with GEO U521	Lab for GEO U520	1 SH

**Environmental Planning**

Complete the following course:

GEO U510	Environmental Planning	4 SH
or GEO U550	Geology and Land-Use Planning	4 SH

**Electives**

Complete four approved electives.

**EXPERIENTIAL EDUCATION REQUIREMENT**

Complete one course in experiential education. Please see department for approved courses.

**ENVIRONMENTAL GEOLOGY MAJOR CREDIT REQUIREMENT**

Complete 84 semester hours for the major.

**GENERAL ELECTIVES**

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

**COOPERATIVE EDUCATION**

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

**BA in Environmental Studies****COLLEGE OF ARTS AND SCIENCES****BA CORE REQUIREMENTS**

See page 44 for requirement list.

**ENVIRONMENTAL STUDIES MAJOR****Science Courses**

Complete the following three courses and corresponding lab:

BIO U145	Environment and Humankind	4 SH
CHM U101	General Chemistry for Health Sciences	4 SH
with CHM U102	Lab for CHM U101	1 SH
ENV U115	Environmental Science	4 SH

**History Course**

Complete the following course:

HST U342	Environmental History of North America	4 SH
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**Economics Course**

Complete the following course:

ECN U116	Principles of Microeconomics	4 SH
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**Sociology Course**

Complete the following course:

SOC U246	Environment and Sociology	4 SH
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**Political Science Courses**

Complete the following two courses:

POL U150	American Government	4 SH
POL U395	Environmental Politics	4 SH

**Geology Courses**

Complete the following two courses:

GEO U112	Environmental Geology	4 SH
GEO U510	Environmental Planning	4 SH

**Statistics Course**

Complete one course from the following list with corresponding lab, where applicable:

ECN U350	Statistics	4 SH
MTH U280	Statistics and Software	4 SH
POL U400	Quantitative Techniques	4 SH
PSY U320	Statistics in Psychological Research	4 SH
with PSY U321	Lab for PSY U320	1 SH
SOC U320	Statistical Analysis in Sociology	4 SH

**Upper-Division Electives**

Complete six courses in one area. See department for area options.

**Senior Thesis**

Complete the following course:

ENV U700	Senior Thesis	4 SH
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**EXPERIENTIAL EDUCATION REQUIREMENT**

Complete one course in experiential education. Please see department for approved courses.

**ENVIRONMENTAL STUDIES MAJOR CREDIT REQUIREMENT**

Complete 65 semester hours in the major.

**GENERAL ELECTIVES**

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

**COOPERATIVE EDUCATION**

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

**Minor in Environmental Sciences****COURSE WORK****Introductory Course Work**

Complete one of the following courses or course/lab combinations:

BIO U121	Basic Microbiology	4 SH
with BIO U122	Lab for BIO U121	1 SH
ENV U115	Environmental Science	4 SH

**Science or Engineering**

Complete one of the following courses or course/lab combinations based on your major:

<b>ENGINEERING MAJORS ONLY</b>		
CHM U214	General Chemistry 2	4 SH
with CHM U215	Lab for CHM U214	1 SH

**SCIENCE OR OTHER MAJORS**

CHM U311	Organic Chemistry 1	4 SH
with CHM U312	Lab for CHM U311	1 SH
CHM U321	Analytical Chemistry	4 SH
with CHM U322	Lab for CHM U321	1 SH
CIV U334	Environmental Engineering 1	4 SH

**Social Sciences**

Complete one of the following courses:

ECN U423	Environmental Economics	4 SH
PHL U180	Environmental Ethics	4 SH
POL U395	Environmental Politics	4 SH
SOC U246	Environment and Sociology	4 SH
SOC U485	Environment, Technology, and Society	4 SH

**ELECTIVES**

Complete any two courses or course/lab combinations from the following list. Only one of the courses may be at the 100 level. Only one course or course/lab combination may be selected from a group:

**Physics Group**

For nonengineering/science majors only:

PHY U132	Energy, Environment, and Society	4 SH
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**Biology Group**

BIO U311	Ecology	4 SH
BIO U317	Vertebrate Zoology	4 SH
BIO U559	Entomology	4 SH
BIO U561	Herpetology	4 SH
BIO U563	Ornithology	4 SH
BIO U565	Mammalogy	4 SH
BIO U567	Wildlife Biology	4 SH

**Environmental Planning Group**

GEO U510	Environmental Planning	4 SH
GEO U550	Geology and Land-Use Planning	4 SH

**Geology Group**

ENV U523	Soil Science	4 SH
GEO U340	Earth Landforms and Processes	4 SH
with GEO U341	Lab for GEO U340	1 SH

**Hydrogeology Group**

GEO U520	Applied Hydrogeology	4 SH
with GEO U521	Lab for GEO U520	1 SH
GEO U580	Groundwater Modeling	4 SH
GEO U582	Groundwater Geochemistry	4 SH

**Geographic Information Systems Group**

GEO U560	Geographic Information Systems	4 SH
with GEO U561	Lab for GEO U560	1 SH

**Civil Engineering Group**

CIV U534	Environmental Engineering 2	3 SH
CIV U536	Hydrologic Engineering	4 SH

**INTERDISCIPLINARY WORK****Independent Project**

See environmental sciences program adviser for approval before embarking on the project.

**Applied Experience**

See environmental sciences program adviser for details.

**Environmental Safety Program**

See environmental sciences program adviser for details.

**GPA REQUIREMENT**

2.000 GPA required in the minor

## Minor in Geology

### REQUIRED COURSES

Complete the following four courses with corresponding labs:

GEO U200	Dynamic Earth	4 SH
with GEO U201	Lab for GEO U200	1 SH
GEO U220	History of Earth and Life	4 SH
with GEO U221	Interpreting Earth History	1 SH
GEO U310	Earth Materials	4 SH
with GEO U311	Lab for GEO U310	1 SH
GEO U320	Igneous Petrology and Volcanology	4 SH
with GEO U321	Lab for GEO U320	1 SH

### GEOLOGY ELECTIVE

Complete one geology course.

### GPA REQUIREMENT

2.000 GPA required in the minor

## Minor in Environmental Geology

### REQUIRED COURSES

Complete the following four courses with corresponding labs:

GEO U200	Dynamic Earth	4 SH
with GEO U201	Lab for GEO U200	1 SH
GEO U220	History of Earth and Life	4 SH
with GEO U221	Interpreting Earth History	1 SH
GEO U310	Earth Materials	4 SH
with GEO U311	Lab for GEO U310	1 SH
GEO U510	Environmental Planning	4 SH
or GEO U550	Geology and Land-Use Planning	4 SH

### GEOLOGY ELECTIVE

Complete one geology course.

### GPA REQUIREMENT

2.000 GPA required in the minor

## Minor in Environmental Studies

### SCIENCE COURSES

Complete two courses with corresponding labs from the following list:

BIO U145	Environment and Humankind	4 SH
CHM U211	General Chemistry 1	4 SH
with CHM U212	Lab for CHM U211	1 SH
GEO U112	Environmental Geology	4 SH
GEO U200	Dynamic Earth	4 SH
with GEO U201	Lab for GEO U200	1 SH

### SOCIAL SCIENCE COURSES

Complete two courses from the following list:

ECN U116	Principles of Microeconomics	4 SH
HST U342	Environmental History of North America	4 SH
POL U150	American Government	4 SH
SOC U246	Environment and Sociology	4 SH

### INTERDISCIPLINARY COURSES

Complete two courses from the following list:

GEO U510	Environmental Planning	4 SH
GEO U550	Geology and Land-Use Planning	4 SH
POL U395	Environmental Politics	4 SH

### GPA REQUIREMENT

2.000 GPA required in the minor

For more information on the environmental studies minor, contact the program director, Professor Jennifer Coombs (14 Holmes), at 617.373.3039 or at [j.coombs@neu.edu](mailto:j.coombs@neu.edu).

## ECONOMICS

[www.dac.neu.edu/economics](http://www.dac.neu.edu/economics)

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Economics is the study of how societies produce and exchange goods and services to satisfy material needs. Economists analyze the process of economic growth and identify policies that contribute to economic stability and progress.

In the economics program, students examine the sources of economic growth—how societies produce more of what they need. Undergraduates study economics as part of a broad interest in the social sciences to develop specialized skills useful in today's complex labor market. The major in economics is a good foundation for graduate studies in advanced economics, public policy, law, or business.

Macroeconomics, which focuses on the overall economy, deals with such problems as inflation, unemployment, growth and instability, economic development, and governmental monetary and fiscal policies.

Microeconomics examines the economic behavior of individuals, households, firms, industries, and trade among countries. It seeks to assess the economic effects of market power and environmental damage and analyzes the economic aspects

of natural resources, poverty, health, income distribution, trade unions, and government regulation.

Courses in economics cover international trade; the behavior of families, firms, and industries in the market economy; the environmental costs of growth; and the economic aspects of natural resources, poverty, health, labor market discrimination affecting women and minorities, trade unions, and governmental oversight. International and comparative perspectives are emphasized, most directly in courses in economic development of the developing world and economic history.

Graduates may find jobs in federal, state, and local governments, major corporations, or financial institutions. Their work may involve planning and forecasting, assessing labor needs, and making financial studies. They may estimate consumer demand for new products, conduct research, teach, or provide specialized consulting services. See pages 273–276 for course descriptions.

## BA in Economics

### COLLEGE OF ARTS AND SCIENCES BA CORE REQUIREMENTS

See page 44 for requirement list.

### BREADTH COURSES FOR ECONOMICS MAJOR

Complete one calculus and one computer science course.

#### Calculus

MTH U131 Calculus for Business and Economics 4 SH

#### Computer Science

CS U101 Computer Science and Its Applications 4 SH

MIS U301 Management Information Systems 4 SH

### ECONOMICS MAJOR REQUIREMENTS FOR BA STUDENTS

#### Required Economics Courses

Complete the following six courses:

ECN U115 Principles of Macroeconomics 4 SH

ECN U116 Principles of Microeconomics 4 SH

ECN U315 Macroeconomic Theory 4 SH

ECN U316 Microeconomic Theory 4 SH

ECN U350 Statistics 4 SH

ECN U520 History of Economic Thought 4 SH

#### Senior Seminar

Complete the following seminar for seniors:

ECN U692 Senior Economics Seminar 4 SH

### ECONOMICS ELECTIVES FOR BA STUDENTS

Complete five courses in economics with no more than one at the introductory level.

ECN U200 to ECN U699

### EXPERIENTIAL EDUCATION REQUIREMENT

Complete one course in experiential education. Please see department for approved courses.

### ECONOMICS MAJOR CREDIT REQUIREMENT

Complete 56 semester hours in the major.

### GENERAL ELECTIVES

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

### COOPERATIVE EDUCATION

If elected

### UNIVERSITY-WIDE REQUIREMENTS

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

## BS in Economics

### COLLEGE OF ARTS AND SCIENCES BS CORE REQUIREMENTS FOR SOCIAL SCIENCE MAJORS

See page 46 for requirement list.

### BREADTH COURSES FOR ECONOMICS MAJOR

Complete one calculus and one computer science course.

#### Calculus

MTH U131 Calculus for Business and Economics 4 SH

#### Computer Science

CS U101 Computer Science and Its Applications 4 SH

MIS U301 Management Information Systems 4 SH

### ECONOMICS MAJOR REQUIREMENTS FOR BS STUDENTS

#### Required Economics Courses

Complete the following six courses:

ECN U115 Principles of Macroeconomics 4 SH

ECN U116 Principles of Microeconomics 4 SH

ECN U315 Macroeconomic Theory 4 SH

ECN U316 Microeconomic Theory 4 SH

ECN U350 Statistics 4 SH

ECN U560 Applied Econometrics 4 SH

#### Senior Seminar

Complete the following course:

ECN U692 Senior Economics Seminar 4 SH

### ECONOMICS ELECTIVES FOR BS STUDENTS

Complete seven economics electives with no more than two at the introductory level:

ECN U200 to ECN U699

### EXPERIENTIAL EDUCATION REQUIREMENT

Complete one course in experiential education. Please see department for approved courses.

### ECONOMICS MAJOR CREDIT REQUIREMENT

Complete 64 semester hours in the major.

### GENERAL ELECTIVES

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

### COOPERATIVE EDUCATION

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required  
 Transition students are required to complete 132 total semester hours  
 Minimum 2.000 GPA required

**Minor in Economics****REQUIRED COURSES**

Complete the following three courses (macro track take

ECN U315, micro track take ECN U316):

ECN U115	Principles of Macroeconomics	4 SH
ECN U116	Principles of Microeconomics	4 SH
ECN U315	Macroeconomic Theory	4 SH
or ECN U316	Microeconomic Theory	4 SH

**ELECTIVE COURSES**

Complete three economic electives with two at the intermediate or advanced level.

**GPA REQUIREMENT**

2.000 GPA required in the minor

**EDUCATION**

[www.education.neu.edu](http://www.education.neu.edu)

JAMES W. FRASER, PHD

*Professor and Dean*

THOMAS R. GILBERT, PHD

*Associate Director for Academic Affairs*

**COLLEGE OF ARTS AND SCIENCES  
DISTINGUISHED PROFESSOR**

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Jean H. Krasnow

Claudia Grose

The mission of the Northeastern University School of Education is to prepare community-dedicated educators who foster the academic achievement and personal success of children and youth in diverse urban settings. To carry out this mission, the School of Education provides programs of study for undergraduate and graduate students in which classroom course work is integrated with field experiences, and in which candidates must demonstrate their understanding of course content through instructional performance. Field placements provide candidates the opportunity to work with learners, teachers, and parents in a variety of school and community settings and to engage in a critical interrogation of their practice. During these integrated educational experiences, students acquire and apply a range of both situated knowledge and formal knowledge required for successful practice.

Our undergraduate programs prepare preK–12 teachers who understand their subject area and who have the ability to connect with and educate children in diverse urban communities. Mastering a subject in-depth is at the heart of these programs. Every School of Education student has a major in one of the arts and sciences (A&S) disciplines and, as part of an optional combined BA/BS-MAT program, will take at least three graduate courses in that major or a related discipline. A&S faculty teach courses that present knowledge of their disciplines in a way that will enable teacher candidates to make it meaningful and accessible to their future students.

Multiple field placements provide teacher candidates with opportunities to acquire and apply effective instructional practice with support from A&S faculty and collaborating mentor teachers. All field placements are in Boston. During the first year of the program, as part of ED U111, Education in the Community, students are placed in one of our partner community agencies to serve as tutors and volunteers helping young people succeed in their education. During each subsequent year, students spend extended periods of time in public schools in Boston.

Undergraduate students who want to become teachers need to be admitted formally to the School of Education. Prior to admission, students may enroll in ED U111 and ED U504, the first two courses in the licensure sequence.

To qualify for admission to the School of Education, students must:

- Be enrolled in an appropriate major in the College of Arts and Sciences for initial licensure in elementary education (human services and American Sign Language are not a match for our program); pursue a content major in the College of Arts and Sciences that matches our approved secondary licensure program (math, science, English, Spanish, French, history, or political science).
- Successfully complete ED U111 including the 30-hour community field placement.
- Present an application packet that includes a reflective paper from ED U111, a personal statement, a transcript that shows a GPA of approximately 2.750 or higher, and a signature from the student's major adviser.
- Interview with a member of the Admissions Committee (a subcommittee of the Academic Standing Committee), which consists of faculty, staff, and community partners.

See pages 276–279 for course descriptions.

*Note:* See Appendix, page 444, for the School of Education's Title II Report Card.

## Minor in Elementary Education

### REQUIREMENTS IN ADDITION TO BA OR BS DEGREE REQUIREMENTS

#### Introductory Courses

Complete the following course with corresponding lab:

ED U111	Education in the Community	4 SH
ED U945	Teaching Preparatory Lab 1	0 SH

#### Advanced Courses/Preparation Courses for Massachusetts Licensure

Complete the following five courses with corresponding labs:

ED U504	Learning and Accomplished Practice	4 SH
ED U552	Inquiry in the Humanities and Social Sciences at the Elementary Level	4 SH
ED U553	Inquiry in Math and Science at the Elementary Level	4 SH
with ED U947	Teaching Preparatory Lab 3	0 SH
ED U567	Literacy Development and Instruction	4 SH
with ED U946	Teaching Preparatory Lab 2	0 SH
ED U570	Inclusion, Equity, and Diversity	4 SH

#### Additional State Licensure Requirements

Students must pass the following Massachusetts Tests for Educator Licensure (MTEL) prior to taking practicum:

- Communication
- Literacy
- Foundations of Reading
- General Curriculum

#### Practicum

Complete 8 semester hours of teaching practicum after passing all subtests of MTEL:

ED U949	Teaching Practicum and Seminar	8 SH
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#### GPA REQUIREMENT

2.000 GPA required in the minor

## Minor in Secondary Education

### REQUIREMENTS IN ADDITION TO BA OR BS DEGREE REQUIREMENTS

#### Introductory Courses

Complete the following course with corresponding lab:

ED U111	Education in the Community	4 SH
ED U945	Teaching Preparatory Lab 1	0 SH

#### Advanced Courses/Preparation Courses for Massachusetts Licensure

Complete the following six courses and choose one course from the Teaching in the Disciplines list:

ED U504	Learning and Accomplished Practice	4 SH
ED U511	Curriculum Design and Assessment	4 SH
ED U521	Language, Culture, and Literacy in Middle and High Schools	4 SH
ED U570	Inclusion, Equity, and Diversity	4 SH
ED U935	Literacy Field	0 SH
ED U936	Disciplines Field	0 SH

#### TEACHING IN THE DISCIPLINES

ED U522	Teaching the Language Arts	4 SH
or ED U524	Teaching History and the Social Studies	4 SH
or ED U525	Pedagogy for Teaching Science	4 SH
or ED U526	Pedagogy for Teaching Mathematics	4 SH

#### Additional State Licensure Requirements

Students must pass the following Massachusetts Tests for Educator Licensure (MTEL) prior to taking practicum:

- Communication
- Literacy
- Subject Matter Knowledge Test

#### Practicum

Complete one teaching practicum after passing all subtests of MTEL:

ED U949	Teaching Practicum and Seminar	8 SH
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#### GPA REQUIREMENT

2.000 GPA required in the minor

## ENGLISH

[www.casdn.neu.edu/~english](http://www.casdn.neu.edu/~english)

MARY LOEFFELHOLZ, PhD  
Associate Professor and Chair

### DAVIS DISTINGUISHED PROFESSOR OF AMERICAN LITERATURE

Wayne Franklin, PhD

#### PROFESSORS

Samuel J. Bernstein, PhD  
Francis C. Blessington, PhD  
Gary Goshgarian, PhD  
Kathleen Kelly, PhD  
Stuart S. Peterfreund, PhD  
Guy Rotella, PhD  
Michael Ryan, PhD

**ASSOCIATE PROFESSORS**

Elizabeth C. Britt, PhD  
 Kathy Howlett, PhD  
 Marina Leslie, PhD  
 Janet H. Randall, PhD  
 Bonnie TuSmith, PhD  
 Susan Wall, PhD

**ASSISTANT PROFESSORS**

Laura Green, PhD  
 Cassandra V. Jackson, PhD  
 Elizabeth Shea, PhD

**LECTURERS**

Joseph B. deRoche, MFA  
 David W. Tutein, MA

**PROFESSORS EMERITI**

Robert J. Blanch, PhD  
 Arthur J. Weitzman, PhD

The department offers courses in American and British literature; creative, expository, and technical writing; linguistics; rhetoric; and literary studies.

Students who have completed the freshman English requirement and are in good academic standing may major or minor in English. The broad-based major requires proficiency in a number of approaches—including historical, generic, and theoretical—to the study of language and literature. The more narrowly focused minor gives students intensive exposure to literature, writing, linguistics, or technical communication.

English majors prepare for careers in teaching and research, advertising and publishing, radio and television—any field in which communication and critical judgment go hand in hand. The department also offers an intellectual and cultural framework for preprofessional students in law, medicine, business, engineering, or computer science. See pages 282–290 for course descriptions.

**BA in English****COLLEGE OF ARTS AND SCIENCES****BA CORE REQUIREMENTS**

See page 44 for requirement list.

**ENGLISH MAJOR REQUIREMENTS****Literature Backgrounds**

Complete the following course:

ENG U226 Backgrounds in English and American Literature 4 SH

**Literature Survey**

Complete three courses from the following list:

ENG U220 Survey of English Literature 1 4 SH  
 ENG U221 Survey of English Literature 2 4 SH  
 ENG U223 Survey of American Literature 1 4 SH  
 ENG U224 Survey of American Literature 2 4 SH

**ENGLISH MAJOR ELECTIVES****Shakespeare**

Complete one course from the following list:

ENG U489 Shakespeare on Film 4 SH  
 ENG U611 Shakespeare 4 SH  
 ENG U612 Shakespeare's Comedies 4 SH  
 ENG U613 Shakespeare's Tragedies 4 SH  
 ENG U614 Topics in Shakespeare 4 SH

**Major Figure Requirement**

Complete one course from the following list:

ENG U600 Major Figure 4 SH  
 ENG U607 Chaucer 4 SH  
 ENG U608 Topics in Chaucer 4 SH  
 ENG U618 Milton 4 SH

**Literary Periods**

Complete one course from three different century groups:

**LITERATURE FROM THE ELEVENTH TO FIFTEENTH CENTURIES**

Complete one course from the following list:

ENG U605 Medieval English Literature 4 SH  
 ENG U606 Topics in Medieval Literature 4 SH

**LITERATURE IN THE SIXTEENTH CENTURY**

Complete the following course:

ENG U610 Sixteenth-Century English Literature 4 SH

**LITERATURE IN THE SEVENTEENTH CENTURY**

Complete the following course:

ENG U617 Seventeenth-Century English Literature 4 SH

**LITERATURE IN THE EIGHTEENTH CENTURY**

Complete one course from the following list:

ENG U619 Eighteenth-Century English Literature 4 SH  
 ENG U620 Topics in Eighteenth-Century English Literature 4 SH

ENG U661 Early American Literature 4 SH

**LITERATURE IN THE NINETEENTH CENTURY**

Complete one course from the following list:

ENG U519 American Novels 1 4 SH  
 ENG U621 Romantic Poetry 4 SH  
 ENG U624 Victorian Literature 4 SH  
 ENG U625 Topics in Victorian Literature 4 SH  
 ENG U626 Nineteenth-Century British Fiction 4 SH  
 ENG U663 Early African-American Literature 4 SH  
 ENG U665 The American Renaissance 4 SH  
 ENG U667 American Realism 4 SH

**LITERATURE IN THE TWENTIETH CENTURY**

Complete one course from the following list:

ENG U394 Modern Film 4 SH  
 ENG U408 The Modern Bestseller 4 SH  
 ENG U409 The Modern Novel 4 SH  
 ENG U410 Modern Drama 4 SH  
 ENG U411 The Modern Short Story 4 SH  
 ENG U412 Contemporary Fiction 4 SH  
 ENG U520 American Novels 2 4 SH  
 ENG U630 Major Twentieth-Century British Novelists 4 SH  
 ENG U631 Twentieth-Century English Literature 4 SH

ENG U668	Modern American Literature	4 SH
ENG U670	Modern African-American Literature	4 SH
ENG U671	Multiethnic Literature of the U.S.	4 SH
ENG U672	Asian-American Literature	4 SH
ENG U673	U.S. Latino/Latina Literature	4 SH
ENG U674	American Indian Literature	4 SH
ENG U676	Contemporary American Literature	4 SH
ENG U687	Modern Poetry	4 SH
ENG U688	Contemporary Poetry	4 SH

**Literary Criticism, Linguistics, or Rhetoric**

Complete one course from any of the categories below.

**CRITICISM**

ENG U337	Literary Interpretation	4 SH
ENG U339	Topics in Literary Criticism	4 SH

**LINGUISTICS**

ENG U150	Introduction to Language and Linguistics	4 SH
ENG U350	Linguistic Analysis	4 SH
ENG U450	Syntax	4 SH
ENG U452	Semantics	4 SH
ENG U454	History of English	4 SH
ENG U456	Language and Gender	4 SH
ENG U458	Topics in Linguistics	4 SH

**RHETORIC**

ENG U322	Topics in Rhetoric	4 SH
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**Capstone Seminar**

Complete one of the following courses:

ENG U654	Seminar in Linguistics	4 SH
ENG U710	Junior/Senior Seminar	4 SH

**English Electives**

Complete two English courses that are not part of the BA core writing requirements.

**EXPERIENTIAL EDUCATION REQUIREMENT**

Complete one course in experiential education. Please see department for approved courses.

**ENGLISH MAJOR CREDIT REQUIREMENT**

Complete 56 semester hours in the major.

**GENERAL ELECTIVES**

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

**COOPERATIVE EDUCATION**

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

**BS in English****COLLEGE OF ARTS AND SCIENCES BS CORE REQUIREMENTS FOR ARTS/HUMANITIES MAJORS**

See page 45 for requirement list.

**ENGLISH MAJOR REQUIREMENTS****Literature Backgrounds**

Complete the following course:

ENG U226	Backgrounds in English and American Literature	4 SH
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**Literature Survey**

Complete three courses from the following list:

ENG U220	Survey of English Literature 1	4 SH
ENG U221	Survey of English Literature 2	4 SH
ENG U223	Survey of American Literature 1	4 SH
ENG U224	Survey of American Literature 2	4 SH

**ENGLISH MAJOR ELECTIVES****Shakespeare**

Complete one course from the following list:

ENG U489	Shakespeare on Film	4 SH
ENG U611	Shakespeare	4 SH
ENG U612	Shakespeare's Comedies	4 SH
ENG U613	Shakespeare's Tragedies	4 SH
ENG U614	Topics in Shakespeare	4 SH

**Major Figure Requirement**

Complete one course from the following list:

ENG U600	Major Figure	4 SH
ENG U607	Chaucer	4 SH
ENG U608	Topics in Chaucer	4 SH
ENG U618	Milton	4 SH

**Literary Periods**

Complete one course from three different century groups.

**LITERATURE FROM THE ELEVENTH TO FIFTEENTH CENTURIES**

Complete one course from the following list:

ENG U605	Medieval English Literature	4 SH
ENG U606	Topics in Medieval Literature	4 SH

**LITERATURE IN THE SIXTEENTH CENTURY**

Complete the following course:

ENG U610	Sixteenth-Century English Literature	4 SH
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**LITERATURE IN THE SEVENTEENTH CENTURY**

Complete the following course:

ENG U617	Seventeenth-Century English Literature	4 SH
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**LITERATURE IN THE EIGHTEENTH CENTURY**

Complete one course from the following list:

ENG U619	Eighteenth-Century English Literature	4 SH
ENG U620	Topics in Eighteenth-Century English Literature	4 SH

ENG U661	Early American Literature	4 SH
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**LITERATURE IN THE NINETEENTH CENTURY**

Complete one course from the following list:

ENG U519	American Novels 1	4 SH
ENG U621	Romantic Poetry	4 SH
ENG U624	Victorian Literature	4 SH
ENG U625	Topics in Victorian Literature	4 SH
ENG U626	Nineteenth-Century British Fiction	4 SH
ENG U663	Early African-American Literature	4 SH
ENG U665	The American Renaissance	4 SH
ENG U667	American Realism	4 SH

**LITERATURE IN THE TWENTIETH CENTURY**

Complete one course from the following list:

ENG U394	Modern Film	4 SH
ENG U408	The Modern Bestseller	4 SH
ENG U409	The Modern Novel	4 SH
ENG U410	Modern Drama	4 SH
ENG U411	The Modern Short Story	4 SH
ENG U412	Contemporary Fiction	4 SH
ENG U520	American Novels 2	4 SH
ENG U630	Major Twentieth-Century British Novelists	4 SH
ENG U631	Twentieth-Century English Literature	4 SH
ENG U668	Modern American Literature	4 SH
ENG U670	Modern African-American Literature	4 SH
ENG U671	Multiethnic Literature of the U.S.	4 SH
ENG U672	Asian-American Literature	4 SH
ENG U673	U.S. Latino/Latina Literature	4 SH
ENG U674	American Indian Literature	4 SH
ENG U676	Contemporary American Literature	4 SH
ENG U687	Modern Poetry	4 SH
ENG U688	Contemporary Poetry	4 SH

**Literary Criticism, Linguistics, or Rhetoric**

Complete one course from any of the categories below.

**CRITICISM**

ENG U337	Literary Interpretation	4 SH
ENG U339	Topics in Literary Criticism	4 SH

**LINGUISTICS**

ENG U150	Introduction to Language and Linguistics	4 SH
ENG U350	Linguistic Analysis	4 SH
ENG U450	Syntax	4 SH
ENG U452	Semantics	4 SH
ENG U454	History of English	4 SH
ENG U456	Language and Gender	4 SH
ENG U458	Topics in Linguistics	4 SH

**RHETORIC**

ENG U322	Topics in Rhetoric	4 SH
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**Capstone Seminar**

Complete one of the following courses:

ENG U654	Seminar in Linguistics	4 SH
ENG U710	Junior/Senior Seminar	4 SH

**English Electives**

Complete two English courses that are not part of the BA core writing requirements.

**EXPERIENTIAL EDUCATION REQUIREMENT**

Complete one course in experiential education. Please see department for approved courses.

**ENGLISH MAJOR CREDIT REQUIREMENT**

Complete 56 semester hours in the major.

**UPPER-DIVISION ELECTIVES**

Complete three general electives at 300 level or above.

**GENERAL ELECTIVES**

Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

**COOPERATIVE EDUCATION**

If elected

**UNIVERSITY-WIDE REQUIREMENTS**

128 total semester hours required

Transition students are required to complete 132 total semester hours

Minimum 2.000 GPA required

**BA in Cinema Studies and English**

See page 64.

**BA in Linguistics and English**

See page 90.

**Minor in Literature****ENGLISH SURVEY COURSE**

Complete one course from the following list:

ENG U220	Survey of English Literature 1	4 SH
ENG U221	Survey of English Literature 2	4 SH
ENG U223	Survey of American Literature 1	4 SH
ENG U224	Survey of American Literature 2	4 SH

**BACKGROUNDS OR SHAKESPEARE**

Complete one course from the following list:

ENG U226	Backgrounds in English and American Literature	4 SH
ENG U489	Shakespeare on Film	4 SH
ENG U611	Shakespeare	4 SH
ENG U612	Shakespeare's Comedies	4 SH
ENG U613	Shakespeare's Tragedies	4 SH
ENG U614	Topics in Shakespeare	4 SH

**LITERARY CRITICISM, LINGUISTICS, OR RHETORIC**

Complete one course from the following list:

ENG U150	Introduction to Language and Linguistics	4 SH
ENG U322	Topics in Rhetoric	4 SH
ENG U337	Literary Interpretation	4 SH
ENG U339	Topics in Literary Criticism	4 SH
ENG U350	Linguistic Analysis	4 SH
ENG U458	Topics in Linguistics	4 SH
ENG U654	Seminar in Linguistics	4 SH
ENG U656	Seminar in Linguistics	4 SH

**LITERATURE ELECTIVE**

Complete one course from the Department of English.

**GPA REQUIREMENT**

2.000 GPA required in the minor

**Minor in Writing****WRITING COURSES**

Complete four courses from the following list:

ENG U320	Technical Communication 1	4 SH
ENG U321	Technical Communication 2	4 SH
ENG U322	Topics in Rhetoric	4 SH
ENG U323	Topics in Technical Communication	4 SH

ENG U372	Creative Writing	4 SH
ENG U377	Poetry Workshop	4 SH
ENG U378	Fiction Workshop	4 SH
ENG U379	Nonfiction Workshop	4 SH
ENG U380	Topics in Writing	4 SH
ENG U382	Publication Arts	4 SH

**GPA REQUIREMENT**

2.000 GPA required in the minor

**Minor in Technical Communications****REQUIRED COURSE**

Complete the following course:

ENG U320	Technical Communication 1	4 SH
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**LANGUAGE OR COMMUNICATION THEORY ELECTIVE**

Complete one of the following courses:

CMN U311	Argumentation and Debate	4 SH
CMN U510	Persuasion in Contemporary Culture	4 SH
ENG U322	Topics in Rhetoric	4 SH
ENG U323	Topics in Technical Communication	4 SH
LIN U150	Introduction to Language and Linguistics	4 SH
LIN U412	Language and Culture	4 SH
PHL U540	Philosophy of Language	4 SH
PSY U464	Psychology of Language	4 SH
PSY U466	Cognition	4 SH

**WRITING FOR THE WORKPLACE ELECTIVE**

Complete one of the following courses:

ENG U321	Technical Communication 2	4 SH
ENG U324	Writing for Computer-Related Industries	4 SH

**TECHNOLOGY IN SOCIETY ELECTIVE**

Complete one of the following courses:

ENG U427	The Literature of Science	4 SH
HST U222	History of Science and Technology	4 SH
HST U321	Technological Transformations	4 SH
PHL U145	Technology and Human Values	4 SH
POL U390	Science, Technology, and Public Policy	4 SH
SOC U485	Environment, Technology, and Society	4 SH
SOC U528	Computers and Society	4 SH

**GPA REQUIREMENT**

2.000 GPA required in the minor

**ENVIRONMENTAL STUDIES**

See Earth and Environmental Sciences on page 69.

**GEOLOGY**

See Earth and Environmental Sciences on page 69.

**HISTORY**

[www.history.neu.edu](http://www.history.neu.edu)

LAURA L. FRADER, PhD

*Associate Professor and Chair*

**MATTHEWS DISTINGUISHED UNIVERSITY PROFESSOR**

Harlow L. Robinson, PhD

**DISTINGUISHED SERVICE PROFESSOR**

Raymond H. Robinson, PhD

**COLLEGE OF ARTS AND SCIENCES****DISTINGUISHED PROFESSOR**

Patrick Manning, PhD

**PROFESSORS**

Ronald W. Bailey, PhD

Ballard C. Campbell, PhD

Harvey Green, PhD

Tom Havens, PhD

Clay McShane, PhD

Anthony N. Penna, DA

**ASSOCIATE PROFESSORS**

Jeffrey Burds, PhD

Christina Gilmartin, PhD

Robert L. Hall, PhD

**ASSISTANT PROFESSORS**

Gerald H. Herman, MA

Ilham Khouri-Makdisi, PhD

Jeremy Prestholdt, PhD

Anna Suranyi, PhD

**HONORARY PROFESSOR**

William M. Fowler Jr., PhD

**PROFESSORS EMERITI**

Philip N. Backstrom Jr., PhD

Charmarie J. Blaisdell, PhD

John Post, PhD

**H**istory is the study of the causes and consequences of changes in human events across time. Like other liberal arts disciplines, historical study trains students to think critically by reading, writing about, and discussing the human experience. History stimulates a deeper understanding of today's cultures by considering them in a global context. The study of history helps students develop powers of judgment and expression that will propel them to future leadership positions in public service, international organizations, communications, education, business, or the professions.

The department offers a broad-based Bachelor of Arts major, which includes foreign language requirements. It also offers two Bachelor of Science options. One emphasizes