In April 2006, Northeastern University adopted the NU Core, an institution-wide general education requirement. Northeastern faculty, administrators, and students worked together to identify a set of shared general education goals for all students in all majors. Our intention is to develop in our students the knowledge and skills to be lifelong learners with success in many careers, thoughtful global citizens, and fulfilled human beings. The NU Core is required for all freshmen entering in fall 2007 and later. It does not apply to students already admitted with a different set of core requirements or to transfer students whose entry year falls outside the NU Core implementation date.

THE NU CORE REQUIREMENTS ARE:

- First-Year Learning Communities (a first-year experience)
- Knowledge Domains (four courses)
- Writing-Intensive Instruction (four courses)
- Mathematical/Analytical Thinking (two courses)
- Comparative Study of Cultures (one course)
- Integrated Experiential Learning (one course or approved activity)
- Capstone (one course)

Description of NU Core Requirements

The entry-level NU core courses (comparative cultures, level 1 knowledge domains, first-year English, and level 1 mathematical/analytical thinking) and the experiential learning requirement involve exploring broad, new ways of thinking. To ensure the intended breadth, double counting of core requirements is not allowed among those domains. Some courses fit more than one of the entry-level categories, e.g., a knowledge domain category as well as the comparative study of cultures category. These courses are listed in both appropriate NU Core categories to give students more flexibility in how they select courses to meet requirements. However, a student cannot fulfill two of the entry-level NU Core requirements by taking a single course.

The intermediate and advanced NU Core requirements involve more focused, in-depth experiences that sometimes can be combined effectively in one course, e.g., many capstone courses also satisfy the writing-intensive requirement, some level 2 mathematical/analytical thinking courses also satisfy the writing-intensive requirement, some intermediate/advanced courses outside the major might also satisfy the comparative cultures requirement.

The following sections describe in greater detail the specific NU Core requirements:

FIRST-YEAR LEARNING COMMUNITY

A linked set of two or more courses in the same semester in which students are cohort-registered; provides integration of subject matter and an opportunity for students and faculty with similar interests to become acquainted.

KNOWLEDGE DOMAINS

Complete an approved introductory-level course in each of three level 1 knowledge domains listed below and a level 2 intermediate or advanced course outside the major department. Generally, one of the introductory-level courses also satisfies a requirement for the major.

Arts/Humanities Level 1

Complete one approved course in arts/humanities level 1. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

Social Science Level 1

Complete one approved course in social science level 1. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

Science/Technology Level 1

Complete one approved course in science/technology level 1. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

Level 2 Elective

Complete one intermediate or upper-level course (generally level-2000 or above) outside your major.

COMPARATIVE STUDY OF CULTURES

Complete one approved course in comparative study of cultures or another approved approach, including study abroad. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

MATHEMATICAL/ANALYTICAL THINKING

Complete an approved introductory-level course in mathematical thinking and its application to posing and solving problems and an approved intermediate-level course in modes of thought that allow abstraction, application, and synthesis of information.

Level 1

Complete one approved course in mathematical/analytical thinking level 1. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

Level 2

Complete one approved course in mathematical/analytical thinking level 2. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

WRITING-INTENSIVE COURSES

Complete a first-year writing course and an advanced writing course provided by the English department and two approved writing-intensive courses in the majors, as described in greater detail below. Generally, the capstone course serves as one of the major-specific writing courses.

CAPSTONE

Complete one approved capstone course within your major in the final semesters. This course acts as a final integrator of the major, general education, and experiential aspects of the student’s education. Generally, this course also includes writing-intensive work and research or creative activity, and, in most cases, the
second writing-intensive-in-the-major requirement is satisfied by the capstone course. Visit www.northeastern.edu/registrar/nucore.html for a list of current offerings.

**EXPERIENTIAL LEARNING**
Complete one approved experiential learning activity with a reflective component, as described in greater detail below. Experiential learning opportunities are disbursed throughout each student’s undergraduate education to encourage the development of seeing connections between course work and experiential learning. Students should consult their college or their major department for advice on approved activities.

**WRITING-INTENSIVE COURSES**
The faculty expects all students to become effective writers. To this end, students are given opportunities to improve their writing throughout their curriculum.

**First-Year Writing Requirement**
All first-year students must satisfy a first-year writing requirement. Students take a placement exam on the first day of class or may take an exam online before classes begin (by August 1 for the fall semester and by December 1 for the spring semester; see www.english.neu.edu/writingprograms/placement/). Depending on the results of the placement exam, students may satisfy the requirement in one of the following ways:
- ENGL 1111, College Writing
- ENGL 1110, Introductory College Writing plus ENGL 1111
- ENGL 1102, College Writing for Speakers of Other Languages
- ENGL 1101, Introductory Writing for Speakers of Other Languages plus ENGL 1102

In addition, depending on performance in ENGL 1110, the second half of the two-course sequence may be waived, as determined by the Department of English. Students must earn a C or better in the required writing course to satisfy the first-year writing requirement.

*Note:* ENGL 1101 and ENGL 1110 are not credited toward graduation in the College of Engineering.

**Advanced Writing Requirement**
Once students have earned 56 semester hours of academic credit, they are expected to register for the second course of the University-wide requirement: Advanced Writing in the Disciplines (AWD). Students are encouraged to take AWD before they have accrued 96 semester hours. A variety of AWD courses are offered, and different courses satisfy the requirement for students in different colleges. In consultation with their advisor, students should choose the AWD course that best fits their needs from among the available options. (AWD sections for non-native speakers of English and international students are available.) Transfer credit cannot be used to satisfy this requirement. Students must earn a C or better to satisfy the advanced writing requirement.

Please see the Writing Programs site for more details: www.english.neu.edu/writingprograms/.

**Attendance Requirements and Other Policies**
Writing program policy requires regular attendance at class meetings. Students are allowed three unexcused absences, i.e., class cuts, in classes that meet for three days a week; they are allowed two unexcused absences in classes that meet for two days. During the summer sessions, students are allowed two unexcused absences. Please see pages 14–15 for University policy regarding attendance requirements and excused absences and http://www.english.neu.edu/writingprogram/writing_program/ for all other policies governing first-year writing and AWD.

**Writing-Intensive Courses in the Major**
Each major includes at least two additional writing-intensive courses. These courses are characterized by frequent and regular writing, assessment and revision of student work, and the opportunity for students to improve their work.

**EXPERIENTIAL LEARNING**
Experiential learning offers the opportunity for an education that is richer and more meaningful, providing students with experiences that add depth to their classroom studies and enable them to explore and transform their lives. Experiential learning is tightly integrated with our course curriculum and is supported by advising in the majors as well as advising in the experiential learning group.

The primary ways in which the experiential learning requirement may be satisfied are:
- Cooperative education
- Research or creative activity
- Service-learning
- Global experience

Only one learning experience outside the classroom is required for the NU Core. However, students have many additional opportunities for further experiential learning.

Integration of course work and experiential learning occurs in the required capstone course, as well as in earlier guided opportunities linking concepts from major courses, NU Core courses, and experiential learning.
COOPERATIVE EDUCATION

www.northeastern.edu/coop

Cooperative education is the cornerstone of Northeastern University’s experiential learning approach, in which academic study is enhanced by hands-on experience. Through co-op, students alternate periods of academic study with periods of employment in positions related to their academic or career interests. This combination provides an integrated learning experience that enhances both their studies and career development. Full-time undergraduates may complete up to three six-month co-ops in five years at Northeastern. (The design of some programs, such as nursing, pharmacy, and theatre, requires four-month co-ops.) Four-year options with one co-op and without co-op are also available.

Co-op Eligibility

Every student must meet the following eligibility requirements in order to participate in co-op. These are general requirements for all students; however, students must work closely with their cooperative education coordinator to ensure that they meet any college- or major-specific requirements and are aware of major-specific logistics, deadlines, and required paperwork. In accordance with U.S. federal regulations, international students must not begin or resume any co-op experience without first receiving employment authorization from the International Student and Scholar Institute (ISSI).

GENERAL REQUIREMENTS

Students must:

- Take and pass a preparatory course before going out on co-op.
- Satisfactorily complete the requirements and deadlines set by their specific co-op program.
- Register for co-op, either through their division pattern or through a division change, which must be approved by their cooperative education coordinator and academic advisor.
- Have received a Satisfactory (S) grade and have resolved any outstanding Incomplete (X) grades for previous co-ops.

Students who have received an Unsatisfactory (U) grade must work with their cooperative education coordinator to reestablish eligibility in accordance with the policies and requirements of their program.

- Resolve any previous disciplinary or academic probation issues, or have their cooperative education coordinator approve a plan to resolve these issues, prior to being referred to co-op jobs.
- Have any self-developed co-op approved by their cooperative education coordinator before accepting the position.
- Comply with any preemployment checks required by the employer, such as drug testing, credit checks, physical examinations, security clearance, and criminal record checks.

ACADEMIC REQUIREMENTS

Students must:

- Be making satisfactory progress toward their degree as defined by the University, their colleges, and the curricula in their major programs.
- Have a cumulative 2.000 GPA to be eligible to go on domestic co-op or a 2.750 GPA to be eligible for international co-op at the time they apply for a co-op position.

TRANSFER STUDENTS

Transfer students from other universities must have met the same requirements in their major’s co-op program as nontransfers and must have completed at least one semester of classes before doing co-op. Students transferring from one major to another within Northeastern must have completed the requisite courses and requirements as defined by their current major’s co-op program.

APPEALS PROCESS

If a student does not meet the co-op eligibility requirements and/or their cooperative education coordinator has determined they are ineligible to go on co-op, they may appeal to the director of cooperative education for their college. If the matter cannot be resolved informally, they may appeal the decision to the college academic standing committee.

International Co-op

The International Cooperative Education Program provides students with an opportunity to explore global career options, develop intercultural and political sensitivity, and utilize and strengthen foreign language skills. Northeastern students co-op on six continents with foreign and multinational employers, U.S. employers doing business abroad, and other international organizations. Students may apply for existing positions or work with an international co-op counselor to develop their own. All majors are welcome to apply. International students participating in co-op abroad should consult with the ISSI in advance of departure in order to ensure reentry to the United States in proper nonimmigrant visa status.

Registering for Co-op

Students register for co-op during the semester prior to the one when they plan to be on co-op. Just as for an academic course, they can register through the myNEU Web Portal (www.myneu.neu.edu). All co-op placements need to be approved by a co-op coordinator.

Co-op Documentation

Students who fully and successfully participate in co-op will receive a grade of Satisfactory; those who fail to complete their co-op assignment will receive a grade of Unsatisfactory. These grades will appear on the student’s academic transcript. However, no academic credit is awarded for the completed co-op assignment.
Further Information
For more detailed information about co-op policies and procedures, please see the Cooperative Education Student Handbook.

RESEARCH AND CREATIVE ACTIVITY
www.research.neu.edu/students

Pursuing research at the university level makes our students knowledge creators and develops their teamwork skills, and the discipline of mind that research requires is one of the best ways to learn to think critically. With dozens of majors and minors, many interdisciplinary research centers and institutes, and more than six hundred full-time faculty engaged in active research and scholarship, Northeastern offers countless opportunities for students to apply their classroom learning to the process of discovery.

Undergraduate students can participate in research and creative activity in a variety of formats, including the following: research courses, which generally fulfill major elective requirements; research co-ops or internships; community-based research; research-based activity as the option for work-study work; research as a volunteer activity; and junior/senior honors research projects.

Undergraduate students can apply for support for their research projects from the University-wide Provost’s Undergraduate Research Fund and from a number of other offices and programs. They often present their research findings at Northeastern’s annual Research and Technology Expo, as well as at academic conferences and in scholarly journals.

SERVICE-LEARNING
www.northeastern.edu/communityservice/services/servicelearning.html

Community service is part of Northeastern’s urban mission. But more than good works, community service through structured service-learning programs on our campus is an academically rigorous educational experience that allows students to broaden their knowledge and skills through service that supports our partnerships with Boston schools, neighborhood agencies, health clinics, and nonprofit organizations.

Students participate in organized service projects, coordinated by their professor and/or a program director, which meet needs identified by the community. Before, during, and after their service, students also engage in structured reflection to help them gain further insight into course or program content, a broader appreciation of their academic discipline, and a greater sense of civic responsibility.

GLOBAL EXPERIENCE
www.oisp.neu.edu

Office: Office of International Study Programs, 10 Belvedere
Phone: 617.373.5276
Fax: 617.373.5702
E-mail contact: studyabroad@neu.edu or Dawn Anderson,
Director, da.anderson@neu.edu

Northeastern University strongly endorses global experience as an important dimension of learning. To foster this, it maintains an Office of International Study Programs that has developed a series of programs tailored to the interests and needs of Northeastern University students.

International Study Programs
While studying abroad in a Northeastern-sponsored program, students maintain full-time Northeastern status and earn Northeastern credits. In all cases and upon successful completion of the program, grades are calculated into students’ GPA. The minimum requirements for participation are at least 56 semester hours of credit and a GPA of at least 2.200 that also meets the requirement of the host institution abroad. The application deadlines are posted on the Office of International Study Programs’ Web site on the “Applying” page.

Students who wish to study abroad should start by researching program opportunities online at www.oisp.neu.edu or by consulting their departmental or college advisors. Information sessions are offered regularly by the Office of International Study Programs in 301 Ell Hall. Advisors in the Office of International Study Programs provide the final planning assistance. Schedules for information sessions and advisors are posted online and in 10 Belvedere.

Northeastern University offers four types of study-abroad programs, although not all types are appropriate for some majors. Please see below for a complete list of current study-abroad locations.

Traditional. Students are based at a host institution where they attend classes, participate in student activities, and organize their extracurricular schedules just as they do on campus at Northeastern. Some examples include Monash University in Melbourne, Australia; University of Edinburgh in Scotland; and Obirin University in Tokyo, Japan.

Faculty-Led Summer Programs. Open to Northeastern University students of any major, the Dialogue of Civilizations Program is a series of “global student exchanges” between students at Northeastern University and students around the world. The goal of each program is (a) to connect NU students with their peers in different national, cultural, political, and social environments and (b) to provide NU students with a “global experience” that builds upon and enhances their academic studies and training in Boston.
Internship. These programs offer a combination of classes and related work experience for which students earn academic credit. For example, students typically intern with a member of the Australian Parliament in Canberra, the European Parliament in Brussels, the British Parliament in London, or the Irish Parliament in Dublin.

International Research. The focus of a student’s time abroad is on an independent research project. In most cases, the study-abroad program organizes small group seminars and field trips that are designed to help students learn about their international environment and focus on a research topic. Students spend three to four weeks toward the end of the semester working on their individual projects. An example could be studying tropical biology in Costa Rica, history and culture in Vietnam, and oceanography while sailing in the Atlantic/Pacific Cruise Track of the SEA Semester Program.

NU Core and Major Requirements. An NU-sponsored study-abroad experience or a faculty-led summer program may fulfill the NU Core requirement for comparative study of cultures or experiential learning. A student cannot fulfill both the comparative study of cultures requirement and any other NU Core requirement by taking a single course (or completing a single global experience). Thus, each student successfully completing an approved program could elect to use it to satisfy either the comparative cultures or experiential learning NU Core requirement but could not satisfy both requirements with one experience. For the international affairs major, study abroad also fulfills the international experience requirement. Students may fulfill additional requirements, depending upon their individual academic plan and approval by their advisor.

Following is a sample list of locations where students can study abroad:

- **Argentina, Buenos Aires**
  Universidad del Salvador
- **Atlantic/Pacific Cruise Track**
  Woods Hole SEA Semester
  Australia, Canberra
  Australia National University
  Australia, Gold Coast
  Bond University
  Australia, Melbourne
  Monash University
  Australia, Perth
  Curtin University
  Australia, Sydney
  University of Sydney
  Belgium, Leuven
  Irish Institute for European and Brussels Affairs
- **Canada, Vancouver**
  Simon Fraser University
- **Chile, Santiago**
  Pontificia Universidad Católica de Chile
- **China, Beijing**
  Beijing Foreign Studies University
- **China, Hong Kong**
  Chinese University of Hong Kong
- **Costa Rica, Monteverde**
  Monteverde Biological Research Station
- **Costa Rica, San Jose**
  International Center for Sustainable Human Development
- **Czech Republic, Prague**
  Charles University
- **Dominican Republic, Santiago**
  Pontificia Universidad Católica Madra y Maestra
- **Dominican Republic, Santo Domingo**
  Facultad Latinoamericana de Ciencias Sociales
- **Egypt, Cairo**
  American University of Cairo
- **France, Grenobles**
  Centre Universitaire d’Études Françaises (API)
- **France, Paris**
  American University of Paris
- **Ghana, Legon**
  University of Ghana
- **Greece, Thessaloniki**
  American College of Thessaloniki
- **Ireland, Dublin**
  Institute of Public Administration
  Studio Art Centers International
  Umbrì Institute
  American Institute for Roman Culture
- **Japan, Tokyo**
  Obirin University
  Universidad de las Américas—Puebla
- **New Zealand, Auckland**
  University of Auckland
- **New Zealand, Christchurch**
  University of Canterbury
- **South Africa, Cape Town**
  University of Cape Town
- **Spain, Alicante**
  University of Alicante
- **Spain, Seville**
  University of Seville
- **UK: England, Cambridge**
  University of Cambridge
  Goldsmith’s College
- **UK: England, London**
  Hansard Society at London School of Economics
- **UK: Northern Ireland, Belfast**
  Queens University
- **UK: Scotland, Edinburgh**
  University of Edinburgh

To see a complete list of program options, visit www.oisp.neu.edu.

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WORLD LANGUAGES CENTER

**DENNIS R. COKELY, PhD**
**Director**

Office: 400 Meserve Hall
Phone: 617.373.2234
Fax: 617.373.3065
E-mail contact: Dennis R. Cokely, Director, d.cokely@neu.edu

The World Languages Center (WLC) is a cooperative venture between the College of Arts and Sciences and the College of Professional Studies. The primary goal of the WLC is to offer an expanding array of languages in a variety of instructional formats.
for Northeastern students and to ensure that students will be able to take at least two years of instruction (four semesters) in any language offered by the WLC.

Placement Assessment
Students with prior experience in French, German, or Spanish must take the online written placement exam if they wish to enroll in a French, German, or Spanish language class. The link for this exam can be found on the WLC or the Languages, Literatures, and Cultures Web site. Students with prior experience in any other language should contact the WLC to make an appointment for a placement assessment interview. Results of a student’s placement online or interview assessments are valid for one year only.

Any student with prior experience in a language who registers for a language class without taking the WLC online placement test or a WLC placement assessment will not receive a letter grade for that course.

Attendance in Language Classes
The development of competence in a language requires regular and structured interaction opportunities. Thus, the WLC takes attendance in language classes very seriously. Each missed class will have specific consequences and will have a negative impact on a student’s final grade. Thus, attendance in class is a matter of great significance. Because the number of students in a class is limited, a student’s absence (and presence) will be noted. Because of the interactive nature of language instruction, students cannot make up missed classroom interactions. Students should be aware that they are graded on active participation in class, not simply attendance. Routine tardiness in a class will also have negative consequences. Regular and enthusiastic participation and involvement in the class is expected.

No more than three (3) unexcused absences are permitted, after which each absence results in points deducted from the final point average used to determine a student’s final letter grade. Classes missed as a result of registering late for a class will count as unexcused absences; if students believe they have been misplaced in a language class, they should consult the WLC immediately.

Auditing Language Classes
Auditing language classes is not permitted. Students who are not on the official roster of a class may not sit in on the class and will be asked to leave by the end of the first week of classes.

Immersion Language Classes
The WLC offers off-campus language immersion classes in a variety of languages. These immersion classes are numbered 1301, 1302, 2301, 2302, 3301, and 3302 and are designed to be part of a faculty-led study trip. Typically, these classes are offered during Summer 1 and Summer 2 terms. These courses will count toward fulfillment of the College of Arts and Sciences BA language requirement, assuming a student receives a grade of C or better.

Study-Away/Abroad Classes
The WLC will authenticate credit-bearing language classes taken in study-away/abroad programs at accredited institutions in fulfillment of and as equivalent to WLC language classes numbered 1101, 1102, 2101, or 2102. Students should receive approval of language course equivalence from the WLC before embarking on a study-away/abroad program. Failure to do so may mean that the courses taken away/abroad will not be accepted in lieu of on-site Northeastern language courses and thus may not satisfy the language requirement. Credit is only granted for successful completion of the course.

BSIB Language Classes
The Bachelor of Science in International Business program is offered through the College of Business Administration. Because of the intensive expectations of the program (one semester in classes abroad, one semester international co-op), the WLC offers classes that are restricted to BSIB students only. These courses are numbered 1201, 1202, 2201, 2202, 3201, 3202, 4201, and 4202. Only BSIB majors may enroll in these BSIB-designated courses.

UNIVERSITY HONORS PROGRAM
www.honors.neu.edu

MAUREEN KELLEHER, PhD
Director

Office: 150 West Village F
Phone: 617.373.2333
Fax: 617.373.5300
E-mail contact: Maureen Kelleher, Director, m.kelleher@neu.edu

The University Honors Program is designed to provide a rich academic experience that fosters intellectual development and achievement. The program offers honors course options for fulfilling a number of the University-wide NU Core requirements: introductory and intermediate/advanced knowledge domain courses; comparative study of cultures courses; writing-intensive courses (ENGL 1111 and ENGL 3301); and entry-level mathematics. The program partners with campus departments to provide additional honors opportunities. During the first year, students participate in the First Year Reading Project; take HONR 1101 (“Enhancing Honors”), a course team-taught with upperclass mentors; can choose from a selection of honors courses targeted to the first-year experience; and enroll in a variety of small, selected honors sections. Interdisciplinary honors seminars are offered to sophomores and middlers. Juniors and seniors complete an honors project that typically involves an independent research project or a set of courses designed for upperclass honors students. In addition, upperclass students may take honors credits in independent study and as honors teaching assistants.
The program sponsors cultural opportunities such as theatre, ballet, and music. The honors experience also includes special housing opportunities in International Village for first-year students and in West Village F for upperclass students. The Honors Program office in 150 West Village F includes a multipurpose computer lab/lounge and a conference room for student use.

Honors students may earn up to three Honors Program distinctions: Honors Course Distinction, College Honors Project Distinction, and University Honors Program Distinction. Entering freshmen are invited to join based on a combination of their high school academic preparation, SAT/ACT scores, and leadership record. Current students are eligible to apply as second-semester freshmen or rising sophomores with a 3.600 or better cumulative average. Juniors and seniors may join if they have a faculty member prepared to sponsor their Junior/Senior Honors Project.

**PREMEDICAL AND OTHER PREPROFESSIONAL HEALTH CAREER PREPARATION**

www.premed.neu.edu

**Premedical Studies**

Because medical schools place a priority on well-rounded achievement, the premed course requirements can be integrated into any major at Northeastern. Most medical school admissions committees give no preference to any particular undergraduate major. Instead, students should focus on meeting the course requirements of their chosen majors, together with the premedical requirements, with demonstrated academic rigor and excellence. The Premed Advising Program provides support for students from all majors who are planning to pursue doctoral-level training in medicine (including dentistry, optometry, osteopathy, podiatry, and veterinary medicine as well as MD programs).

In certain fields of medicine, scheduling all of the required courses and their prerequisites may be difficult for nonscience majors. Students interested in pursuing postgraduate degrees in dentistry, optometry, or veterinary medicine should be aware that these programs generally require additional courses beyond the minimum listed below and that these requirements tend to be more variable than for MD, osteopathy, or podiatry programs. All premedical students should research requirements and plan their program of study early in their academic career at NU in consultation with both major and premedical advisors to ensure that required courses will be completed in a timely fashion.

**Prerequisite Courses**

Most medical schools require a common set of science courses. The following Northeastern University courses are recommended:

**BIOLOGY**

Complete a lecture and lab for both Biology 1 and Biology 2:

**Biology 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 1101</td>
<td>Principles of Biology 1</td>
<td>4 SH</td>
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<tr>
<td>with BIOL 1102 Lab for BIOL 1101</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>or BIOL 1111 General Biology 1</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with BIOL 1112 Lab for BIOL 1111</td>
<td>1 SH</td>
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</table>

**Biology 2**

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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1103</td>
<td>Principles of Biology 2</td>
<td>4 SH</td>
</tr>
<tr>
<td>with BIOL 1104 Lab for BIOL 1103</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>or BIOL 1113 General Biology 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with BIOL 1114 Lab for BIOL 1113</td>
<td>1 SH</td>
<td></td>
</tr>
</tbody>
</table>

**CHEMISTRY**

**General Chemistry**

Complete the following two courses with corresponding labs:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1211</td>
<td>General Chemistry 1</td>
<td>4 SH</td>
</tr>
<tr>
<td>with CHEM 1212 Lab for CHEM 1211</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>CHEM 1214 General Chemistry 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with CHEM 1215 Lab for CHEM 1214</td>
<td>1 SH</td>
<td></td>
</tr>
</tbody>
</table>

**Organic Chemistry**

Complete the following two courses with corresponding labs:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 2311</td>
<td>Organic Chemistry 1</td>
<td>4 SH</td>
</tr>
<tr>
<td>with CHEM 2312 Lab for CHEM 2311</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>CHEM 2313 Organic Chemistry 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with CHEM 2314 Lab for CHEM 2313</td>
<td>1 SH</td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICS**

Complete a lecture and lab for both Physics 1 and Physics 2:

**Physics 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1145</td>
<td>Physics for Life Sciences 1</td>
<td>4 SH</td>
</tr>
<tr>
<td>with PHYS 1146 Lab for PHYS 1145</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>or PHYS 1151 Physics for Engineering 1</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with PHYS 1152 Lab for PHYS 1151</td>
<td>1 SH</td>
<td></td>
</tr>
</tbody>
</table>

**Physics 2**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1147</td>
<td>Physics for Life Sciences 2</td>
<td>4 SH</td>
</tr>
<tr>
<td>with PHYS 1148 Lab for PHYS 1147</td>
<td>1 SH</td>
<td></td>
</tr>
<tr>
<td>or PHYS 1155 Physics for Engineering 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>with PHYS 1156 Lab for PHYS 1155</td>
<td>1 SH</td>
<td></td>
</tr>
</tbody>
</table>

**MATHEMATICS**

Complete one of the following sets of mathematics courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1241 Calculus 1</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>and MATH 1242 Calculus 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>or MATH 1251 Calculus and Differential Equations for Biology 1</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>and MATH 1252 Calculus and Differential Equations for Biology 2</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>or MATH 1130 College Math for Business and Economics</td>
<td>4 SH</td>
<td></td>
</tr>
<tr>
<td>and MATH 1231 Calculus for Business and Economics</td>
<td>4 SH</td>
<td></td>
</tr>
</tbody>
</table>
or MATH 1341 Calculus 1 for Science and Engineering 4 SH
and MATH 1342 Calculus 2 for Science and Engineering 4 SH

Additional courses may be required or suggested by some schools. Students should refer to individual medical school Web sites as well as the appropriate official admissions guidebook for up-to-date information: ADEA Official Guide to Dental Schools (www.adea.org/); College Information Book (www.aacom.org/); Colleges of Podiatric Medicine Admissions Requirements (www.aacpm.org/); Medical School Admissions Requirements (www.aamc.org/); Schools and Colleges of Optometry Admissions Requirements (www.opted.org/); or Veterinary Medical School Admissions Requirements (www.aavmc.org).

BA/MD Early Acceptance Program at Tufts University School of Medicine

Tufts University School of Medicine offers an early acceptance program for eligible students at participating institutions. In addition to Northeastern University, institutions currently participating in this program are: Tufts University, Brandeis University, Boston College, and the College of the Holy Cross.

PRELAW PREPARATION

www.neu.edu/prelaw/

Northeastern University adopts in full the statement of the American Bar Association on its “Preparing for Law School” page of its Web site (www.abanet.org/legaled/prelaw/prep.html):

There is no single path that will prepare students for a legal education. Students who are successful in law school, and who become accomplished professionals, come from many walks of life and educational backgrounds. Some law students enter law school directly from their undergraduate studies without having had any post-baccalaureate work experience. Others begin their legal education significantly later in life, and they bring to their law school education the insights and perspectives gained from those life experiences. Legal education welcomes and values diversity and students will benefit from the exchange of ideas and different points of view that your colleagues will bring to the classroom.

The primary goal of the Prelaw Program at Northeastern is to assist current students, staff, and alumni in navigating the law school application process. This includes identifying and researching a variety of law schools to which the person may want to apply. For current NU students, the Prelaw Program will provide academic advising that will guide course selection and activities aimed at maximizing the student’s chance of being admitted to law school. These courses must have at least one, and preferably more, core skill and values such as: analytic/problem-solving skills, critical reading, writing skills, oral communication/listening abilities, general research skills, task organization/management skills, public service, and promotion of justice.

ROTC, MILITARY OFFICERS’ TRAINING PROGRAM

www.rotc.neu.edu

The Department of Military Science offers the Army Reserve Officers’ Training Corps (ROTC) program. The goal of the program is to develop leadership potential in men and women and to prepare them for an officer’s commission in the Active Army, Army Reserve, or Army National Guard. The curriculum teaches principles of leadership and personnel management and seeks to develop leadership traits such as teamwork, responsibility, initiative, self-confidence, and discipline.

Army ROTC Program

GARY M. SOLDATO, LTC, MS
Professor and Chair, Department of Military Science

Office: 335A Huntington Avenue
Phone: 617.373.2375
Fax: 617.373.8677
E-mail contact: CPT John O’Brien, Operations Officer, j.obrien@neu.edu

The Army ROTC program is conducted at Northeastern University. For more information, write the Department of Military Science, Northeastern University, 335A Huntington Avenue, Boston, MA 02115, or call 617.373.2372.

Completion of the Army ROTC program will lead to a commission as a second lieutenant in the United States Army, Army Reserve, or the Army National Guard. The program consists of the basic course (freshman and sophomore years) and advanced course (middler through senior years). The program does not conflict with co-op schedules.

Enrollment in the basic course is voluntary and is open to all full-time students. However, only cadets formally enrolled in ROTC may participate in leadership labs, physical training, and practical field exercises. Students in the basic course do not incur a military obligation. Check with your academic department to ensure credits are accepted.

The advanced course is open to all qualified students who have basic course credit or equivalent military experience, as well as meet the Army’s physical, medical, and age requirements. Contracted students (advance course and scholarship) receive a monthly cash stipend while in school. Scholarship students also receive full tuition and fees as well as $1,200 per year for books. Scholarships are merit based and are awarded as four-year, three-year, or two-year benefit packages.
In addition to ROTC classes, students have the opportunity to achieve an academic minor in leadership. See “Leadership Studies” on page 46.

**Army Nurse Corps ROTC Program**

ROTC provides an opportunity for college nursing students to receive practical, hands-on leadership experience. The courses provide a chance for students to develop management, communication, and decision-making skills. ROTC also provides nursing cadets an opportunity to participate in the Nurse Summer Training Program (NSTP). NSTP is a paid, three-to-four-week, hands-on clinical elective for Army ROTC nurse cadets. This elective is conducted at more than twenty Army hospitals in the continental United States, Hawaii, and Germany. During the NSTP clinical elective, the cadet receives experience under the direct supervision of a preceptor—an Army Nurse Corps officer who works with the cadet on-one-one. Scholarship nurse cadets receive a monthly cash stipend while in school as well as full tuition and fees and $1,200 per year for books.

**Navy ROTC Program**

The Boston Navy ROTC unit is a six-school consortium that includes students from Boston University, Boston College, Northeastern, Tufts, Harvard, and MIT. All Navy ROTC scholarships are for nursing only and cover full tuition, mandatory fees, a $375 per semester book stipend, and a $250 per month living stipend that increases by $50 each year. For students on Northeastern’s five-year program, the Navy grants “Fifth Year Benefits,” which mirror those of the fourth year. Upon graduation, there is a four-year active-duty commitment.

NROTC nursing students are required to take four naval science classes, in addition to their regular course work, and attend a leadership laboratory once a week. All classes, labs, and group workouts are conducted at Boston University. Students typically spend a total of six to eight hours per week participating in NROTC-related activities. Additionally, Navy nurses complete two summer cruises, or training sessions, prior to graduation, each of which lasts approximately four weeks. They spend one session with a medical unit at sea (on a Navy ship) and one session at a land-based Navy hospital. All lodging, transportation, meals, and uniforms are paid for by the Navy during summer training sessions. For more information, contact Lt. Lauren Majchrzak at 617.353.4232 or lbw@bu.edu.

**Air Force ROTC Program**

Air Force ROTC is an educational and leadership program designed to give men and women the opportunity to become an Air Force officer while completing a bachelor’s or master’s degree.

Through a cross-enrolled program with Boston University, interested Northeastern University students may participate in the Air Force Reserve Officer Training Corps Program. The requirements include yearly aerospace studies classes, leadership laboratory classes, and physical fitness training. The mandatory weekly commitments range from five to seven hours per week.

In addition to the leadership and management training that cadets receive, they also benefit from several scholarship programs. High school seniors can apply for four- and three-year scholarships plus fees. The scholarships range from full tuition, $15,000 per year, and $9,000 per year. Scholarship winners will also receive a monthly stipend, a book allowance, and uniforms. Applications for scholarships are due by December 1 of senior year.

Freshmen and sophomores already in college can compete for two-, three-, and three-and-a-half-year scholarships, some of which cover full tuition, while others cover $15,000 per academic year. All scholarship winners will receive a monthly stipend, a book allowance, and uniforms.

However, students do not need a scholarship to join Air Force ROTC. Meeting physical fitness, medical qualifications, and the Air Force Officer Qualifying Test requirements are the only necessary requirements to participate in Air Force ROTC. For more information, call 617.353.4705.

**ABOUT SAMPLE CURRICULA**

The University’s official repository of curricular information is the Degree Audit Reporting System. The curricula published on the following pages are derived from the Degree Audit Reporting System. In case of discrepancy, the Degree Audit Reporting System shall take precedence. Consult with your academic advising office, listed below, to make certain you have all the necessary resources before planning your own curriculum.

**College of Arts and Sciences**

<table>
<thead>
<tr>
<th>Degree Audit Reporting System</th>
</tr>
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<tbody>
<tr>
<td>College of Arts and Sciences</td>
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<tr>
<td>Dean’s Office</td>
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<tr>
<td>Dean’s Office Advisors</td>
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<tr>
<td>Academic Program Offices</td>
</tr>
<tr>
<td>African-American Studies</td>
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<tr>
<td>American Sign Language—</td>
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<tr>
<td>English Interpreting</td>
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<tr>
<td>Architecture</td>
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<tr>
<td>Art + Design</td>
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<tr>
<td>Behavioral Neuroscience</td>
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<tr>
<td>Biochemistry</td>
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<tr>
<td>Biology</td>
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<tr>
<td>Chemistry and Chemical Biology</td>
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<tr>
<td>Cinema Studies</td>
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<tr>
<td>Communication Studies</td>
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<tr>
<td>Creative Industries</td>
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<tr>
<td>(Game Design and Interactive Media)</td>
</tr>
<tr>
<td>Earth and Environmental Sciences</td>
</tr>
<tr>
<td>Economics</td>
</tr>
</tbody>
</table>
Academic Programs and Curriculum Guide

Education 26 Nightingale Hall
English 406 Holmes Hall
Environmental Studies 14 Holmes Hall
History 249 Meserve
Human Services 587 Holmes Hall
Interdisciplinary Studies 1 Nightingale Hall
International Affairs 270 Holmes Hall
Journalism 102 Lake Hall
Languages, Literatures, and Cultures 400 Meserve Hall
Linguistics 563 Holmes Hall
Mathematics 567 Lake Hall
Music 351 Ryder Hall
Philosophy and Religion 371 Holmes Hall
Physics/Applied Physics/ Biomedical Physics 111 Dana Research
   Center
Political Science 301 Meserve Hall
Psychology 125 Nightingale Hall
Sociology and Anthropology 500 Holmes Hall
Theatre 180 Ryder Hall
Bouvé College of Health Sciences 120 Behrakis Health
   Science Center
College of Business Administration 250 Dodge Hall
College of Computer and Information Science 202 West Village H
College of Criminal Justice 204 Churchill Hall
College of Engineering 220 Snell Engineering Center
World Languages Center 400 Meserve Hall

Special Notes

• One semester hour of credit is equal to fifty minutes of instruction per week, plus two hours of preparation.
• The Office of the Registrar, 120 Hayden Hall, maintains the official record for all courses. In the event of error in any publication, the academic record will reflect the correct semester-hours applicable to any degree requirement.
• On occasion, course titles change, while the course number remains the same. Despite such title changes, the course is still considered to be the same course. Students who have taken the course under the old title and then take the course again under the new title are considered to have repeated the course.

UNDERGRADUATE COURSE NUMBERING SYSTEM

Every semester course number at Northeastern University consists of two parts:
• A two- or four-letter subject code
• A four-digit number

For example, in the course number ECON 1115, ECON is the subject code, and 1115 is the four-digit number.

The four-digit number indicates the level of the course as follows:
0001–0999 Orientation and basic
1000–1999 Introductory level
2000–2999 Intermediate level 1
3000–3999 Intermediate level 2
4000–4999 Advanced level
5000–5999 First-level graduate
6000–6999 Second-level graduate
7000–7999 Third-level graduate
8000–8999 Graduate clinical/research/readings
9000–9999 Doctoral research and dissertation

UNDERGRADUATE DEGREES

Listed below are the degrees conferred by the undergraduate full-time day colleges at Northeastern University.

College of Arts and Sciences
Bachelor of Arts
Bachelor of Fine Arts
Bachelor of Science

Bouvé College of Health Sciences
Bachelor of Science
Bachelor of Science in Nursing
Bachelor of Science in Rehabilitation Science
Doctor of Pharmacy (six-year program)
Doctor of Physical Therapy (six-year program)

College of Business Administration
Bachelor of Science in Business Administration
Bachelor of Science in International Business

College of Computer and Information Science
Bachelor of Arts in Computer Science
Bachelor of Science in Computer Science
Bachelor of Science in Information Science
Bachelor of Science (dual majors only)

College of Criminal Justice
Bachelor of Science

College of Engineering
Bachelor of Science in Chemical Engineering
Bachelor of Science in Civil Engineering
Bachelor of Science in Computer Engineering
Bachelor of Science in Electrical Engineering
Bachelor of Science in Industrial Engineering
Bachelor of Science in Mechanical Engineering
MAJORS AND CONCENTRATIONS

Listed below are the majors and, where applicable, concentrations offered by the undergraduate full-time day colleges at Northeastern University. In some cases, the academic area under which the major is listed in this catalog is indicated parenthetically.

College of Arts and Sciences
African-American Studies
American Sign Language
Anthropology, Cultural (listed under Sociology and Anthropology)
Applied Physics (listed under Physics)
Architecture
Art (listed under Art + Design)
Art, Digital (listed under Art + Design)
Art, Studio (listed under Art + Design)
Asian Studies
Behavioral Neuroscience
Biochemistry
Biology
Concentration in Marine Biology
Biomedical Physics (listed under Physics)
Chemistry
Communication Studies
Concentration in Media Studies
Concentration in Organizational Communication
Concentration in Public Advocacy and Rhetoric
Cultural Anthropology (listed under Sociology and Anthropology)
Digital Art (listed under Sociology and Anthropology)
Economics
English
Environmental Science (listed under Earth and Environmental Sciences)
Concentration in Environmental Geology
Concentration in Marine Science
Concentration in Surficial Processes
Concentration in Wildlife Studies
Environmental Studies
Graphic Design (listed under Art + Design)
History
Concentration in Public History
Human Services
International Affairs
Journalism
Languages, Spanish (listed under Languages, Literatures, and Cultures)
Linguistics
Mathematics
Music
Concentration in Music History and Analysis
Concentration in Music Industry
Concentration in Music Technology

Philosophy (listed under Philosophy and Religion)
Concentration in Law and Ethics
Concentration in Religious Studies
Physics
Physics, Applied (listed under Physics)
Physics, Biomedical (listed under Physics)
Political Science
Concentration in International and Comparative Politics
Concentration in Law and Legal Issues
Concentration in Public Policy and Administration
Psychology
Religious Studies (listed under Philosophy and Religion)
Sociology (listed under Sociology and Anthropology)
Spanish (listed under Languages, Literatures, and Cultures)
Studio Art (listed under Art + Design)
Theatre
Concentration in Performance
Concentration in Production

DUAL MAJORS
American Sign Language and Human Services (listed under American Sign Language)
American Sign Language and Psychology (listed under American Sign Language)
American Sign Language and Theatre (listed under American Sign Language)
Biology and Environmental Geology (listed under Biology)
Biology and Geology (listed under Biology)
Biology and Mathematics (listed under Biology)
Chemical Engineering and Physics (listed under Chemical Engineering)
Cinema Studies and Communication Studies (listed under Cinema Studies)
Cinema Studies and English (listed under Cinema Studies)
Cinema Studies and Journalism (listed under Cinema Studies)
Cinema Studies and Languages, Literatures, and Cultures (listed under Cinema Studies)
Cinema Studies and Philosophy (listed under Cinema Studies)
Cinema Studies and Theatre (listed under Cinema Studies)
Computer Science and Biology (listed under Computer and Information Science)
Computer Science and Cognitive Psychology (listed under Computer and Information Science)
Computer Science and Digital Art (listed under Computer and Information Science)
Computer Science and Environmental Science (listed under Computer and Information Science)
Computer Science and Game Design (listed under Computer and Information Science)
Computer Science and Interactive Media (listed under Computer and Information Science)
Computer Science and Mathematics (listed under Computer and Information Science)
Computer Science and Music with Concentration in Music Technology (listed under Computer and Information Science)
Computer Science and Physics (listed under Computer and Information Science)
Digital Art and Game Design (listed under Art + Design)
Digital Art and Interactive Media (listed under Art + Design)
Economics and Mathematics (listed under Economics)
Electrical Engineering and Physics (listed under Electrical and Computer Engineering)
Environmental Geology and Chemistry (listed under Earth and Environmental Sciences)
Environmental Geology and Environmental Studies (listed under Earth and Environmental Sciences)
Environmental Geology and Mathematics (listed under Earth and Environmental Sciences)
Environmental Geology and Physics (listed under Earth and Environmental Sciences)
Environmental Studies and History (listed under Environmental Studies)
Environmental Studies and International Affairs (listed under Environmental Studies)
Environmental Studies and Philosophy (listed under Environmental Studies)
Environmental Studies and Political Science (listed under Environmental Studies)
Geology and Chemistry (listed under Earth and Environmental Sciences)
Geology and Mathematics (listed under Earth and Environmental Sciences)
Geology and Physics (listed under Earth and Environmental Sciences)
Graphic Design and Game Design (listed under Art + Design)
Graphic Design and Interactive Media (listed under Art + Design)
Human Services and Criminal Justice (listed under Human Services)
Human Services and International Affairs (listed under Human Services)
Information Science and Cognitive Psychology (listed under Computer and Information Science)
Information Science and Environmental Science (listed under Computer and Information Science)
Interactive Media and Music with Concentration in Music Technology (listed under Creative Industries)
International Affairs and Anthropology (listed under International Affairs)
International Affairs and Economics (listed under International Affairs)
Jewish Studies and Religion (listed under Jewish Studies)
Languages, Literatures, and Cultures and International Affairs (listed under Languages, Literatures, and Cultures)
Linguistics and English (listed under Linguistics)
Linguistics and Psychology (listed under Linguistics)
Mathematics and Physics (listed under Mathematics)
Physics and Philosophy (listed under Physics)
Political Science and Economics (listed under Political Science)
Political Science and International Affairs (listed under Political Science)
Psychology and Education (listed under Psychology)

**Bouvé College of Health Sciences**

Health Science
Nursing
Pharmacy
Physical Therapy
Speech-Language Pathology and Audiology

**College of Business Administration**

**CONCENTRATIONS**
Accounting
Entrepreneurship and Innovation
Finance
International Business (BSIB only)
Management
Management Information Systems
Marketing
Supply Chain Management

**DUAL MAJORS**
Computer Science and Business Administration (listed under Computer and Information Science)
Information Science and Business Administration (listed under Computer and Information Science)

**College of Computer and Information Science**

Computer Science
Information Science

**DUAL MAJORS**
Computer Science and Biology (listed under Computer and Information Science)
Computer Science and Business Administration (listed under Computer and Information Science)
Computer Science and Cognitive Psychology (listed under Computer and Information Science)
Computer Science and Digital Art (listed under Computer and Information Science)
Computer Science and Environmental Science (listed under Computer and Information Science)
Computer Science and Game Design (listed under Computer and Information Science)
Computer Science and Information Science (listed under Computer and Information Science)
Computer Science and Interactive Media (listed under Computer and Information Science)
Computer Science and Mathematics (listed under Computer and Information Science)
Computer Science and Music with Concentration in Music Technology (listed under Computer and Information Science)
Academic Programs and Curriculum Guide

Computer Science and Physics (listed under Computer and Information Science)
Information Science and Business Administration (listed under Computer and Information Science)
Information Science and Cognitive Psychology (listed under Computer and Information Science)
Information Science and Environmental Science (listed under Computer and Information Science)

College of Criminal Justice
Criminal Justice

DUAL MAJOR
Human Services and Criminal Justice (listed under Human Services)

College of Engineering
Chemical Engineering
Civil Engineering (listed under Civil and Environmental Engineering)
Computer Engineering (listed under Electrical and Computer Engineering)
Electrical Engineering (listed under Electrical and Computer Engineering)
Electrical/Computer Engineering (listed under Electrical and Computer Engineering)
Industrial Engineering (listed under Mechanical and Industrial Engineering)
Mechanical Engineering (listed under Mechanical and Industrial Engineering)

DUAL MAJORS
Chemical Engineering and Physics (listed under Chemical Engineering)
Electrical Engineering and Physics (listed under Electrical and Computer Engineering)

MINORS
Listed below are the minors offered by the undergraduate full-time day colleges at Northeastern University. In some cases, the academic area under which the minor is listed in this catalog is indicated parenthetically.

College of Arts and Sciences
African-American Studies
Anthropology, Cultural (listed under Sociology and Anthropology)
Architectural History (listed under Architecture)
Art + Design (non–Art + Design majors only)
Art, Digital (listed under Art + Design; graphic design majors only)
Art History (listed under Art + Design)
Biology
Biology, Marine (listed under Biology)
Chemistry
Cinema Studies
Communication Studies
Creative Industries
Cultural Anthropology (listed under Sociology and Anthropology)
Digital Art (listed under Art + Design; graphic design majors only)
East Asian Studies (listed under Asian Studies)
Economics
Education, Elementary (listed under Education)
Education, Secondary (listed under Education)
Elementary Education (listed under Education)
English Literature (listed under English)
English Writing (listed under English)
Environmental Geology (listed under Earth and Environmental Sciences)
Environmental Science (listed under Earth and Environmental Sciences)
Environmental Studies
Ethics (listed under Philosophy and Religion)
Ethnomusicology (listed under Music)
Geology (listed under Earth and Environmental Sciences)
Graphic Design (listed under Art + Design; art majors and digital art majors)
Greek Studies, Modern and Classical (listed under International Affairs)
History
Human Services
International Affairs
Jewish Studies
Journalism
Languages, French (listed under Languages, Literatures, and Cultures)
Languages, Spanish (listed under Languages, Literatures, and Cultures)
Latino, Latin American, and Caribbean Studies (listed under Interdisciplinary Minors)
Law, Policy, and Society (listed under Interdisciplinary Minors)
Leadership Studies (listed under Interdisciplinary Minors)
Linguistics
Literature, English (listed under English)
Marine Biology (listed under Biology)
Marine Studies (listed under Interdisciplinary Minors)
Mathematics
Media Production (listed under Communication Studies)
Middle East Studies (listed under Interdisciplinary Minors)
Modern and Classical Greek Studies (listed under International Affairs)
Music
Music, Ethnomusicology (listed under Music)
Music Industry (listed under Music)
Music Performance (listed under Music; music majors only)
Musical Theatre (listed under Theatre)
Oratory and Public Speaking (listed under Communication Studies)
Philosophy (listed under Philosophy and Religion)
Physics
Political Science
Psychology
Religious Studies (listed under Philosophy and Religion)
Rhetoric (listed under Communication Studies)
Secondary Education (listed under Education)
Sociology (listed under Sociology and Anthropology)
Spanish (listed under Languages, Literatures, and Cultures)
Technical Communication (listed under English)
Theatre

Urban Studies (listed under Interdisciplinary Minors)
Women’s Studies (listed under Interdisciplinary Minors)
Writing, English (listed under English)

Bouvé College of Health Sciences
Early Intervention (listed under Speech-Language Pathology and Audiology; speech-language pathology and audiology majors only)
Exercise Physiology (listed under Health Sciences)
Health Science
Toxicology

College of Business Administration
Business Administration
Technological Entrepreneurship

College of Computer and Information Science
Computer Science
Information Science

College of Criminal Justice
Criminal Justice

College of Engineering
Biochemical Engineering (listed under Chemical Engineering)
Biomechanical Engineering (listed under Mechanical and Industrial Engineering)
Biomedical Engineering (listed under Electrical and Computer Engineering)
Computer Engineering (listed under Electrical and Computer Engineering)
Electrical Engineering (listed under Electrical and Computer Engineering)
Industrial Engineering (listed under Mechanical and Industrial Engineering)
Materials Science and Engineering (listed under Interdisciplinary Minors)
Mechanical Engineering (listed under Mechanical and Industrial Engineering)