The BS in biology curriculum lays the groundwork for strong scientific training with basic coursework in mathematics, chemistry, and physics, relevant to biology. Students explore the organization and processes of life across broad areas of the field, from molecules and cells through organs and organ systems to populations, ecosystems, and evolution. Students can select advanced electives to specialize in a subdiscipline of biology such as developmental biology, stem cell biology, microbiology, or physiology.

**Program Requirements**
Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

**University-Wide Requirements**
All undergraduate students are required to complete the University-Wide Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/).

**NUpath Requirements**
All undergraduate students are required to complete the NUpath Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/nupath/).

### Biology Major Requirements

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**Biochemistry**

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**Biology Capstone**

Please complete one of the following options to fulfill the capstone requirement:

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<td>BIOL 4900</td>
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**Biology Major Electives**

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**Intermediate and Advanced Biology**

Complete three additional 4- or 5-semester-hour courses from the following:

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One of the three intermediate/advanced electives can be a research course:

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**Supporting Courses**

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**Chemistry**

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CHEM 2313 and CHEM 2314 | Organic Chemistry 2 and Lab for CHEM 2313 | 5

**Biology Major Credit/GPA Requirement**

Complete 78 semester hours in the major with a cumulative GPA of 2.000.

Due to overlap in course content, double majoring in biology and cell and molecular biology, biology and biochemistry, biology and behavioral neuroscience, or biology and marine biology is not permitted.

**Program Requirement**

136 total semester hours required

**Plan of Study**

Please note that these are sample plans of study. While the requirements are the same for all students, individual schedules may vary.

**Four Years, Two Co-ops in Summer 2/Fall**

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Biology, BS 3
Five Years, Three Co-ops in Spring/Summer 1

Year 1

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Year 3

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Year 4

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Year 5

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Total Hours: 140