

# Biology, MS

Please see PhD Biology (<https://catalog.northeastern.edu/graduate/science/biology/biology-phd/>) for further information about this program. No students will be admitted directly into this program to pursue a master's degree.

## Program Requirements

- Concentrations and course offerings may vary by campus and/or by program modality. Please consult with your advisor or admissions coach for the course availability each term at your campus or within your program modality.
- Certain options within the program may be *required* at certain campuses or for certain program modalities. Please consult with your advisor or admissions coach for requirements at your campus or for your program modality.

Complete all courses and requirements listed below unless otherwise indicated.

### Core Requirements

Code	Title	Hours
<b>Research Ethics</b>		
BIOL 7399	Research Problem Solving, Ethics, and Communication Skills	4
<b>Colloquium</b>		
Complete the following (repeatable) course twice:		2
BIOL 5100	Biology Colloquium	

### Concentration or Electives Option

[A concentration is not required. Students may complete the electives option in lieu of a concentration.](#)

- Cell and Molecular Biology (p. 1)
- Molecular Microbiology (p. 1)
- Electives (p. 2)

### Program Credit/GPA Requirements

30 total semester hours required (20 semester hours must be taken for a letter grade)

Minimum 3.000 GPA required

#### CELL AND MOLECULAR BIOLOGY CONCENTRATION

Code	Title	Hours
<b>Required Coursework</b>		
BIOL 6300	Biochemistry	4
BIOL 6401	Research Methods and Critical Analysis in Molecular Cell Biology	4
<b>Electives</b>		
In consultation with faculty advisor, complete 16 semester hours from the topic of cell and molecular biology:		16
BIOL 5103 to BIOL 9984		

#### MOLECULAR MICROBIOLOGY CONCENTRATION

Code	Title	Hours
<b>Required Coursework</b>		
BIOL 6300	Biochemistry	4
BIOL 6405	Prokaryotic Cell and Molecular Biology	4
<b>Electives</b>		
In consultation with faculty advisor, complete 16 semester hours from the topic of molecular microbiology:		16
BIOL 5103 to BIOL 9984		

**ELECTIVES OPTION**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Required Coursework</b>		
Complete 8 semester hours from the following:		8
BIOL 6303	Neurobiology and Behavior	
BIOL 6401	Research Methods and Critical Analysis in Molecular Cell Biology	
BIOL 6405	Prokaryotic Cell and Molecular Biology	
<b>Electives</b>		
Complete 16 semester hours from the following:		16
BIOL 5103 to BIOL 9984		