

Biology, MS

Please see PhD Biology (<http://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

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
Research Ethics		
Complete one of the following:		4
BIOL 5599	Principles of Data Management and Peer Review in Biology	
BIOL 7399	Research Problem Solving, Ethics, and Communication Skills	
Colloquium		
Complete the following (repeatable) course twice:		2
BIOL 5100	Biology Colloquium	

BIOLOGY MS WITHOUT CONCENTRATION

Code	Title	Hours
Required Coursework		
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	
BIOL 6407	Biochemistry for Molecular Biologists	
Electives		
Complete 16 semester hours from the following:		16
BIOL 5103 to BIOL 9984		

Concentrations

- Cell and Molecular Biology (p.)
- Molecular Microbiology (p.)

CELL AND MOLECULAR BIOLOGY CONCENTRATION

Code	Title	Hours
Required Coursework		
BIOL 6401	Research Methods and Critical Analysis in Molecular Cell Biology	4
BIOL 6407	Biochemistry for Molecular Biologists	4
Electives		
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
Required Coursework		
BIOL 6405	Prokaryotic Cell and Molecular Biology	4
BIOL 6407	Biochemistry for Molecular Biologists	4
Electives		
In consultation with faculty advisor, complete 16 semester hours from the topic of molecular microbiology:		16
BIOL 5103 to BIOL 9984		

Program Credit/GPA Requirements

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

Minimum 3.000 GPA required