

# BIOLOGY

Students planning an emphasis in biological sciences may complete a two-year liberal arts program at Northeast. Upon completion of the two years, students may choose to transfer and continue to work toward a four-year degree. A biological science emphasis is appropriate for students considering careers in the health field, agriculture, teaching, research and plant and wildlife biology. Either the associate of science or the associate of arts degree would be appropriate.

## Suggested Program of Study for Associate of Science Degree (2 years)

### FRESHMAN YEAR

First Semester	
Course	Credits
BIOS 1010 General Biology .....	4
CHEM1140 General Chemistry I.....	5
ENGL 1010 English Composition I .....	3
MATH1200 Algebra and Trigonometry.....	5
	17

Second Semester	
Course	Credits
BIOS 1090 General Zoology and/or BIOS 1050 General Botany .....	4
CHEM1160 General Chemistry II.....	5
MATH2000 Analytic Geometry and Calculus I.....	5
Humanities (English Literature)*.....	3
	17

### SOPHOMORE YEAR

First Semester	
Course	Credits
BIOS 2030 Microbiology.....	4
INFO 1100 Microcomputer Applications.....	3
PHYS 1130 Introductory Physics .....	5
Social or Behavioral Science* .....	3
	15

Second Semester	
Course	Credits
PHYS 1140 Introductory Physics II .....	5
Social or Behavioral Science* .....	3
Oral Communication* .....	3
Elective.....	3
	14

**Total Credit Hours 63**

To earn an associate of science degree, a student must satisfactorily complete a minimum of 60 semester hours that include the general education requirements listed on page 37 of this catalog.

\*See general education requirements on page 37.

## Suggested Program of Study for Associate of Arts Degree (2 years)

### FRESHMAN YEAR

First Semester	
Course	Credits
BIOS 1010 General Biology .....	4
CHEM1140 General Chemistry I.....	5
ENGL 1010 English Composition I .....	3
History*.....	3
	15

Second Semester	
Course	Credits
BIOS 1090 General Zoology and/or BIOS 1050 General Botany .....	4
CHEM1160 General Chemistry II.....	5
MATH1140 Intermediate Algebra or higher .....	3-5
Humanities* .....	3
	15-17

### SOPHOMORE YEAR

First Semester	
Course	Credits
BIOS 2030 Microbiology.....	4
Oral Communication* .....	3
Behavioral Science* .....	3
Fine/Performing Arts*.....	3
Social Science* .....	3
	16

Second Semester	
Course	Credits
HPER 1500 Lifetime Wellness .....	3
Electives .....	12
	15

**Total Credit Hours 61-63**

To earn an associate of arts degree, a student must satisfactorily complete a minimum of 60 semester hours that include the general education requirements listed on page 37 of this catalog.

\*See general education requirements on page 37.