

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
CHEM 1140 General Chemistry I	5
ENGL 1010 English Composition I	3
MATH 1200 Algebra and Trigonometry	5
	17

SECOND SEMESTER	
Course	Credits
BIOS 1090 General Zoology or BIOS 2170 Principles of Heredity	4
CHEM 1160 General Chemistry II	5
MATH 2000 Analytic Geometry and Calculus I	5
Humanities*	3
	17

Sophomore Year

FIRST SEMESTER	
Course	Credits
BIOS 1050 General Botany or BIOS 2020 Introduction to Environmental Issues	4
HPER Basic Sports Series*	1
PHYS 1130 Introductory Physics	5
Social Science*	3
Elective	3
	16

SECOND SEMESTER	
Course	Credits
BIOS 2030 Microbiology	4
HPER Basic Sports Series*	1
PHYS 1140 Introductory Physics II	5
Social Science*	3
Elective	3
	16

*See general education requirements.

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

Freshman Year

FIRST SEMESTER	
Course	Credits
BIOS 1010 General Biology	4
CHEM 1140 General Chemistry I	5
ENGL 1010 English Composition I	3
HPER Basic Sports Series*	1
History*	3
	16

SECOND SEMESTER	
Course	Credits
BIOS 1090 General Zoology or BIOS 2170 Principles of Heredity	4
CHEM 1160 General Chemistry II	5
HPER 1500 Lifetime Wellness	2
MATH 1140 Intermediate Algebra	4
Humanities*	3
	18

Sophomore Year

FIRST SEMESTER	
Course	Credits
BIOS 1050 General Botany or BIOS 2020 Introduction to Environmental Issues	4
Oral Communication*	3
Behavioral Science*	3
Fine/Performing Arts*	3
Social Science*	3
	16

SECOND SEMESTER	
Course	Credits
BIOS 2030 Microbiology	4
SOCI 2150 Issues of Unity and Diversity	3
Elective	5-8
	12-15

*See general education requirements.