

Students planning a concentration 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 concentration 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 for majors or.....	4-5
CHEM 1090 General Chemistry I	
ENGL 1010 English Composition I.....	3
MATH 1150 College Algebra.....	3
MATH 1220 Trigonometry.....	3
	17-18

Second Semester	
Course	Credits
BIOS 1090 General Zoology and/or	
BIOS 1050 General Botany.....	4
CHEM 1160 General Chemistry II for majors or.....	4-5
CHEM 1100 General Chemistry II	
MATH 1600 Analytic Geometry and Calculus I.....	5
English Literature*.....	3
	16-17

SOPHOMORE YEAR

First Semester	
Course	Credits
BIOS 2460 Microbiology.....	4
INFO 1100 Microcomputer Applications.....	3
PHYS 1410 Elementary General Physics I with Algebra and	
Trigonometry.....	5
Behavioral & Social Sciences*.....	3
	15

Second Semester	
Course	Credits
PHYS 1420 Elementary Physics II with Algebra and	
Trigonometry.....	5
Behavioral & Social Sciences*.....	3
Oral Communication*.....	3
Elective.....	3
	14

Total Credit Hours 62-64

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

*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 for majors or.....	4-5
CHEM 1090 General Chemistry I	
ENGL 1010 English Composition I.....	3
History*.....	3
	14-15

Second Semester	
Course	Credits
BIOS 1090 General Zoology and/or	
BIOS 1050 General Botany.....	4
CHEM 1160 General Chemistry II for majors or.....	4-5
CHEM 1100 General Chemistry II	
MATH 1140 Intermediate Algebra or higher.....	3-5
Humanities*.....	3
	14-17

SOPHOMORE YEAR

First Semester	
Course	Credits
BIOS 2460 Microbiology.....	4
Oral Communication*.....	3
Behavioral Science*.....	3
Fine Arts and Language*.....	3
Social Science*.....	3
	16

Second Semester	
Course	Credits
HPER 1550 Lifetime Wellness.....	3
Electives.....	12-13
	15-16

Total Credit Hours 60-63