

BIOLOGY

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 |
| ENGL 1010 English Composition I* | 3 |
| BIOS 1010 General Biology* | 4 |
| MATH 1150 College Algebra* | 3 |
| MATH 1220 Trigonometry | 3 |
| CHEM 1090 General Chemistry I* OR | |
| CHEM 1140 General Chemistry I for Majors | 4-5 |
| | 17-18 |

| Second Semester | |
|---|---------|
| Course | Credits |
| English/Literature* | 3 |
| BIOS 1090 General Zoology OR | |
| BIOS 1050 General Botany | 4 |
| CHEM 1100 General Chemistry II OR | |
| CHEM 1160 General Chemistry II for Majors | 4-5 |
| MATH 1600 or Higher* | 3-5 |
| | 14-17 |

SOPHOMORE YEAR

| First Semester | |
|---|---------|
| Course | Credits |
| Behavioral and Social Sciences* | 3 |
| PHYS 1410 Elementary General Physics I with Algebra and Trigonometry | 5 |
| Oral Communication* | 3 |
| BIOS 2020 Intro to Environmental Issues | 4 |
| | 15 |

| Second Semester | |
|--|---------|
| Course | Credits |
| PHYS 1420 Elementary General Physics II with Algebra and Trigonometry | 5 |
| BIOS 1090 General Zoology OR | |
| BIOS 1050 General Botany | 4 |
| English/Literature,* | |
| Fine Arts and Language,* OR | |
| Behavioral or Social Science* | 3-4 |
| BIOS 2460 Microbiology | 4 |
| | 16-17 |

Total Credit Hours 62-67

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

FRESHMAN YEAR

| First Semester | |
|---|---------|
| Course | Credits |
| ENGL 1010 English Composition I* | 3 |
| MATH 1140 Intermediate Algebra or higher* | 3-5 |
| History* | 3 |
| BIOS 1010 General Biology* | 4 |
| CHEM 1090 General Chemistry I | 4 |
| | 17-19 |

| Second Semester | |
|---|---------|
| Course | Credits |
| English/Literature* | 3 |
| BIOS 1090 General Zoology OR | |
| BIOS 1050 General Botany | 4 |
| Social Science* | 3 |
| CHEM 1100 General Chemistry II OR | |
| CHEM 1160 General Chemistry II for Majors | 4-5 |
| | 14-15 |

SOPHOMORE YEAR

| First Semester | |
|---|---------|
| Course | Credits |
| Oral Communication* | 3 |
| BIOS 2460 Microbiology | 4 |
| PSYC 1810 Introduction to Psychology* OR | |
| SOCI 1010 Introduction to Sociology* | 3 |
| Elective(s)* | 5 |
| | 15 |

| Second Semester | |
|-------------------------------------|---------|
| Course | Credits |
| Fine Arts and Language* | 3 |
| BIOS 1090 General Zoology OR | |
| BIOS 1050 General Botany | 4 |
| Electives** | 7-8 |
| | 14-15 |

Total Credit Hours 60-64

To earn an associate of arts or 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.

**Recommended electives depend on desired professional goal and/or requirements at institution of transfer.