

# BIOLOGY

## ASSOCIATE IN SCIENCE

Biology is a science centered around the study of life. The Associate of Science in Biology is designed to provide the foundation for students seeking a career in the health or biology fields. It is also designed for those wanting to transfer to a 4-year institution to earn a bachelor's degree in biology.

**Credits Required:** 63

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### Concentration Requirements **25**

|                          |       |     |  |   |
|--------------------------|-------|-----|--|---|
| <input type="checkbox"/> | BIOL  | 124 | General Botany                             | 5 |
| <input type="checkbox"/> | BIOL  | 126 | Zoology, General                           | 5 |
| <input type="checkbox"/> | BIOL  | 130 | Anatomy and Physiology                     | 5 |
| <input type="checkbox"/> | BIOL  | 201 | Microbiology                               | 5 |
|                          |       |     | Natural/Physical Science Elective with Lab | 5 |
| <input type="checkbox"/> | _____ |     |  |   |

### General Education Requirements **38**

|                          |       |     |                                  |   |
|--------------------------|-------|-----|----------------------------------|---|
| <input type="checkbox"/> | BIOL  | 120 | Biology                          | 5 |
| <input type="checkbox"/> | CHEM  | 124 | College Chemistry I              | 5 |
| <input type="checkbox"/> | COMM  | 101 | Public Speaking                  | 3 |
| <input type="checkbox"/> | ENGL  | 101 | English Composition I            | 3 |
| <input type="checkbox"/> | ENGL  | 102 | English Composition II           | 3 |
| <input type="checkbox"/> | MATH  | 115 | College Algebra <i>or higher</i> | 3 |
| <input type="checkbox"/> | PED   | 116 | Lifetime Fitness                 | 1 |
|                          |       |     | Humanities Electives             | 6 |
| <input type="checkbox"/> | _____ |     |                                  |   |
| <input type="checkbox"/> | _____ |     |                                  |   |
|                          |       |     | Social and Behavioral Electives  | 6 |
| <input type="checkbox"/> | _____ |     |                                  |   |
| <input type="checkbox"/> | _____ |     |                                  |   |
|                          |       |     | General Education Electives      | 6 |
| <input type="checkbox"/> | _____ |     |                                  |   |
| <input type="checkbox"/> | _____ |     |                                  |   |

### Recommendations for Natural & Physical Sciences Elective:

|                          |      |     |  |   |
|--------------------------|------|-----|--|---|
| <input type="checkbox"/> | PHYS | 201 | College Physics I (Biology Concentration)        | 5 |
| <input type="checkbox"/> | CHEM | 204 | Organic Chemistry I (Microbiology concentration) | 5 |
| <input type="checkbox"/> | CHEM | 126 | College Chemistry II                             | 5 |

### **Recommended Course Sequence**

**SEM 1:** BIOL 120, CHEM 124

**SEM 2:** BIOL 126, BIOL 130

**SEM 3:** BIOL 124

**SEM 4:** BIOL 201

### **Student Organization**

The Biology Club offers a combination of educational and social activities. Students are given opportunities to explore current issues, other topics of interest in the life sciences, and establish contacts with professionals in the life science fields.

### **After Graduation**

Students can transfer to a university or college to pursue a bachelor's degree in Biology.

Courses designated as Physical Science, Natural Science, Humanities, Social Behavioral and General Education electives can be found on page 82.

Placement Tests or pre-requisites are required for English Composition I, Math courses and most General Education Electives. See page 31 for complete Placement information. All first-time, full-time students with fewer than 15 credit hours after high school graduation are required to enroll in the College Success Skills course during their first semester.

Some courses are not offer each semester. Always make an appointment with your major advisor to enroll each semester.