

# BIOLOGY: ENVIRONMENTAL BIOLOGY, BS

## Example Plan of Study

### Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

| Course                                     | Title   | Hours     |
|--|---|-----------|
| <b>Freshman</b>                            |   |           |
| <b>Fall</b>                                |   |           |
| ENGL 1113<br>or ENGL 1313                  | Composition I<br>or Critical Analysis and Writing I                       | 3         |
| BIOL 1113<br>& BIOL 1111                   | Introductory Biology (N)<br>and Introductory Biology Laboratory (LN)      | 4         |
| MATH 1813                                  | Preparation for Calculus (A)  | 3         |
| General Education and College requirements |   | 5         |
| <b>Hours</b>                               |   | <b>15</b> |
| <b>Spring</b>                              |   |           |
| ENGL 1213<br>or ENGL 1413                  | Composition II<br>or Critical Analysis and Writing II                     | 3         |
| BIOL 1604                                  | Animal Biology  | 4         |
| CHEM 1314                                  | Chemistry I (LN)  | 4         |
| General Education courses                  |   | 4         |
| <b>Hours</b>                               |   | <b>15</b> |
| <b>Sophomore</b>                           |   |           |
| <b>Fall</b>                                |   |           |
| CHEM 1515                                  | Chemistry II (LN)   | 5         |
| PBIO 1404                                  | Plant Biology (LN)  | 4         |
| STAT 2013<br>or STAT 4013                  | Elementary Statistics (A)<br>or Statistical Methods I (A)                 | 3         |
| General Education courses                  |   | 3         |
| <b>Hours</b>                               |   | <b>15</b> |
| <b>Spring</b>                              |   |           |
| BIOL 3034                                  | General Ecology   | 4         |
| BIOL 3163                                  | Environmental Biology   | 3         |
| CHEM 3013<br>or CHEM 3053                  | Survey of Organic Chemistry<br>or Organic Chemistry I                     | 3         |
| MICR 2123                                  | Introduction to Microbiology  | 3         |
| General Education courses                  |   | 2         |
| <b>Hours</b>                               |   | <b>15</b> |
| <b>Junior</b>                              |   |           |
| <b>Fall</b>                                |   |           |
| MICR 2132                                  | Introduction to Microbiology Laboratory                                   | 2         |
| CHEM 3012<br>or CHEM 3112                  | Survey of Organic Chemistry Laboratory<br>or Organic Chemistry Laboratory | 2         |
| Major, College, and Elective courses       |   | 11        |
| <b>Hours</b>                               |   | <b>15</b> |
| <b>Spring</b>                              |   |           |
| PHYS 1114                                  | College Physics I (LN)  | 4         |
| MICR 3033                                  | Cell and Molecular Biology  | 3         |
| BIOL 3204<br>or PBIO 4463                  | Physiology<br>or Plant Physiology   | 4         |
| (PBIO 4462 if PBIO 4463 is selected)       |   |           |
| Major and Elective courses                 |   | 4         |
| <b>Hours</b>                               |   | <b>15</b> |

### Senior

#### Fall

|  |                         |           |
|--|-------------------------|-----------|
| BIOL 3023                              | General Genetics        | 3         |
| PHYS 1214                              | College Physics II (LN) | 4         |
| General Education and Elective courses |                         | 8         |
| <b>Hours</b>                           |                         | <b>15</b> |

#### Spring

|                                      |           |            |
|--------------------------------------|-----------|------------|
| BIOL 4133                            | Evolution | 3          |
| Major, College, and Elective courses |           | 12         |
| <b>Hours</b>                         |           | <b>15</b>  |
| <b>Total Hours</b>                   |           | <b>120</b> |