
BS in Biology

Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

**See the University Core requirements section of this catalog for approved list of course options.*

***See Arts and Sciences degree requirements section of this catalog for approved list of course options.*

BS in Biology

FRESHMAN YEAR

| FALL | HOURS |
|---|----------|
| BIOL 1710, Principles of Biology I, or BIOL 1711, Honors Principles of Biology I (may be used to satisfy Natural Sciences requirement*) | 3 |
| BIOL 1730, Principles of Biology I Laboratory* | 1 |
| CHEM 1410, General Chemistry I, or CHEM 1413, Honors General Chemistry** | 3 |
| CHEM 1430, General Chemistry Laboratory** | 1 |
| ENGL 1310, College Writing I* | 3 |
| MATH 1710, Calculus I | <u>4</u> |
| Total | 15 |

FRESHMAN YEAR

| SPRING | HOURS |
|---|----------|
| BIOL 1720, Principles of Biology II, or BIOL 1722, Honors Principles of Biology II (may be used to satisfy Natural Sciences requirement*) | 3 |
| BIOL 1740, Principles of Biology II Laboratory* | 1 |
| CHEM 1420, General Chemistry II, or CHEM 1423, Honors General Chemistry | 3 |
| CHEM 1440, General Chemistry Laboratory | 1 |
| ENGL 1320, College Writing II* | 3 |
| Social and Behavioral Sciences* | <u>3</u> |
| Total | 14 |

SOPHOMORE YEAR

| FALL | HOURS |
|--|----------|
| BIOL 2040, Biology of Microorganisms | 4 |
| CHEM 2370, Organic Chemistry | 3 |
| CHEM 3210, Organic Chemistry Laboratory | 1 |
| LANG 2040, Foreign Language (intermediate, see major requirements)** | 3 |
| PSCI 1040, American Government* Humanities* | <u>3</u> |
| Total | 17 |

SOPHOMORE YEAR

| SPRING | HOURS |
|--|----------|
| BIOL 2140, Principles of Ecology | 3 |
| CHEM 2380, Organic Chemistry | 3 |
| CHEM 3220, Organic Chemistry Laboratory | 1 |
| LANG 2050, Foreign Language (intermediate, see major requirements)** | 3 |
| PSCI 1050, American Government II* Communication** | <u>3</u> |
| Total | 16 |

JUNIOR YEAR

| FALL | HOURS |
|---|----------|
| BIOL 3510, Cell Biology | 3 |
| BIOL 3520, Cell Biology Laboratory | 1 |
| HIST 2610, United States History to 1865* | 3 |
| PHYS 1410, General Physics I | 3 |
| PHYS 1430, General Physics I Laboratory | 1 |
| CHEM (advanced, see major requirements) | 4 |
| Elective (advanced) | <u>2</u> |
| Total | 17 |

JUNIOR YEAR

| SPRING | HOURS |
|--|----------|
| BIOL 3450, Genetics | 4 |
| BIOL 3800, Animal Physiology | 3 |
| BIOL 3810, Animal Physiology Laboratory | 1 |
| HIST 2620, United States History Since 1865* | 3 |
| PHYS 1420, General Physics II | 3 |
| PHYS 1440, General Physics Laboratory II | 1 |
| Visual and Performing Arts* | <u>3</u> |
| Total | 18 |

SENIOR YEAR

| FALL | HOURS |
|--|----------|
| BIOL (advanced, with laboratory) | 4 |
| BIOL (advanced) | 4 |
| Cross-cultural, Diversity, and Global Studies* | 3 |
| Literature** | 3 |
| Elective (advanced) | <u>3</u> |
| Total | 17 |

SENIOR YEAR

| SPRING | HOURS |
|----------------------------------|----------|
| BIOL (advanced, with laboratory) | 4 |
| BIOL (advanced) | 4 |
| Elective | 3 |
| Elective (advanced) | 3 |
| Wellness* | <u>3</u> |
| Total | 17 |

Actual degree plans may vary depending on availability of courses in a given semester. Some courses may require prerequisites not listed. Students may wish to use opportunities for electives to complete a minor of their choice or secondary education courses for teacher certification.
