

BIOLOGY MAJOR

One semester of calculus and a year of physics are recommended for students interested in graduate or professional school.

Requirements

35 total Biology credits plus 9 chemistry credits

| Code | Title | Hours |
|---|--|--------------|
| Required Biology Courses | | |
| BIOL 130 | Principles of Biology I | 4.00 |
| BIOL 132 | Principles of Biology II | 4.00 |
| BIOL 330 | Genetics | 4.00 |
| BIOL 340 | Ecology and Evolutionary Biology | 4.00 |
| BIOL 440 | Cell Biology | 4.00 |
| BIOL 497 | Senior Year Experience | 1.00 |
| Required Capstone Course | | |
| Select a minimum of one credit of the following: | | 1.00 |
| BIOL 491 | Senior Research | |
| BIOL 496 | Internship | |
| Elective Biology Courses | | |
| Select 13 credits of the following. One 400 level course (indicated by*) required. These courses are specifically designed to provide a Course-based Undergraduate Research Experiences (CURE) to students. | | 13.00 |
| BIOL 270 | Human Anatomy & Physiology I | |
| BIOL 280 | Human Anatomy & Physiology II | |
| BIOL 281 | Special Topics | |
| BIOL 312 | Biogeography and Conservation | |
| BIOL 316 | Medical Terminology | |
| BIOL 325 | Plant Taxonomy | |
| BIOL 350 | Limnology | |
| BIOL 355 | Microbiology | |
| BIOL 380 | Vertebrate Biology | |
| BIOL 364 | Invertebrate Biology | |
| BIOL 382 | Ichthyology | |
| BIOL 399 | Cancer Biology | |
| BIOL 405 | Neurobiology | |
| BIOL 411 | Neurobiology Lab * | |
| BIOL 412 | Developmental Biology * | |
| BIOL 414 | Molecular Pharmacology | |
| BIOL 415 | Ecology and Management of Forest Ecosystems * | |
| BIOL 420 | Field Biology * | |
| BIOL 465 | Laboratory Techniques in Biochemistry and Cell/Molecular Biology | |
| BIOL 481 | Special Topics | |
| ENSC 350 | Environmental Science Research Methods | |
| Required Chemistry Courses | | |
| CHEM 105 | General Chemistry I | 5.00 |
| CHEM 106 | General Chemistry II | 4.00 |
| Total Hours | | 44.00 |

Note: BIOL 289 Biology Elective, BIOL 389 Biology Elective, BIOL 489 Biology Elective must be approved on a case by case basis.