

# Biology Major

## Bachelor of Arts

## Bachelor of Science

The number of courses required for the major is the equivalent of 15 courses of 3-4 semester hours (59-66 semester hours)

### Requirements:

All of the following (44-46 sem. hrs.)

- BCS 398 Independent research in Biology and Chemistry (2-4 sem. hrs.)  
OR
- BCS 290/390 Internship in Biology (2-4 sem. hrs.)
  
- BCS 403 Senior Seminar in the Biological and Chemical Sciences (4 sem. hrs.)
- BIOL 119L Systems Biology 1 (Ecology and Evolution) (4 sem. hrs.)
- BIOL 130L Systems Biology 2 (Biology of Organisms) (4 sem. hrs.)
- BIOL 201L Cellular and Molecular Biology (4 sem. hrs.)
- BIOL 205L Terrestrial Field Biology (3 sem. hrs.)
- BIOL 214L Anatomy and Physiology I (4 sem. hrs.)
- CHEM 107L General Chemistry (4 sem. hrs.)
- CHEM 108L Chemical Analysis (4 sem. hrs.)
- CHEM 213L Organic Chemistry I (4 sem. hrs.)
- CHEM 214L Organic Chemistry II (4 sem. hrs.)
- MATH 151 Elementary Statistics (3 sem. hrs.)

Three 300-level electives in Biology, at least 2 of which have labs (11-12 credits)