

Biology Major

Bachelor of Arts

Bachelor of Science

The number of courses required for the major is 17 (57-64 semester hours); at least 6 of these courses (18 semester hours) are at the 300-level or above.

Requirements:

All of the following (38-40 sem. hrs.)

- BCS 290/390 Internship in the B&CS (2-4 sem. hrs.)
- BCS 403 Senior Seminar in the Biological and Chemical Sciences (4 sem. hrs.)
- BIOL 114L Anatomy and Physiology I (4 sem. hrs.)
- BIOL 119L Ecology and Evolution (4 sem. hrs.)
- BIOL 130L Biology of Organisms (4 sem. hrs.)
- BIOL 226L Genetics (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.)

One of the following (3-4 sem. hrs.)

- MATH 111 Calculus I: Introduction to Calculus (4 sem. hrs.)
- MATH 151 Elementary Statistics (3 sem. hrs.)
- MATH 251 Mathematical Statistics (3 sem. hrs.)

One course from each of the following groups (10-12 sem. hrs.)

PHYSIOLOGICAL AND DEVELOPMENTAL BIOLOGY

- BIOL 304L Vertebrate Zoology (4 sem. hrs.)
- BIOL 330L Anatomy and Physiology II (4 sem. hrs.)
- BIOL 331 Developmental Biology (3 sem. hrs.)

MOLECULAR AND CELLULAR BIOLOGY

- BIOL 309 Cellular Biology (3 sem. hrs.)
- BIOL 310L Microbiology (4 sem. hrs.)
- BIOL 312L Molecular Biology (4 sem. hrs.)

ECOLOGICAL AND BEHAVIORAL BIOLOGY

- BIOL 305 Plant Diversity & Evolution (3 sem. hrs.)
- BIOL 363 Advanced Ecology (3 sem. hrs.)
- ENVR 340 Sustainable Agriculture (3 sem. hrs.)

Two additional 300-level courses in biology (6-8 sem. hrs.)

- _____
- _____



Wells College

Name: _____

Advisor: _____

Graduation Year: _____

What can I do with this major?

See below for examples of what you can do with a Biology major after graduation!
For more information, see the full results at <http://whatcanidowiththismajor.com/major/>

Healthcare

- Medicine
- Dentistry
- Infectious Diseases
- Chiropractic
- Pharmacy
- Veterinary Medicine
- Occupational Therapy
- Physical Therapy
- Medical Technology

Biomedical Sciences

- Biophysics
- Biochemistry
- Cellular and Molecular Biology
- Genetics
- Immunology
- Pathology
- Pharmacology
- Physiology
- Virology

Research and Development

- Basic
- Applied
- Quality Control
- Administration
- Grant Writing

Biotechnology

- Medicine
- Agriculture
- Food Science
- Biological Engineering
- Bioremediation
- Environmental Protection/
Regulation
- Bioinformatics