



Wells College

Name: _____

Advisor: _____

Graduation Year: _____

Biological & Chemical Sciences Major Bachelor of Arts

The number of courses required for the major is 13 (47-52 semester hours).

Requirements:

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

- BCS 290/390 Internship in the Biological & Chemical Sciences (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 additional 300-level courses in chemistry (3-4 sem. hrs.)

One additional 300-level courses in biology (3-4 sem. hrs.)

What can I do with this major?

See below for examples of what you can do with a Biological and Chemical Sciences major after graduation!

For more information, see the full results at <http://whatcanidowiththismajor.com/major/>

Healthcare

(requires advanced degree)

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

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

A Bachelor's degree will qualify one for work as a laboratory assistant, technician, technologist, or research assistant in education, industry, government, museums, parks, and gardens.

An undergraduate degree can also be used for nontechnical work in writing, illustration, sales, photography, and legislation.

The biological sciences are good preparation for a career in healthcare such as medicine, dentistry, and veterinary science, but professional degrees and licenses are also necessary to practice in these fields