

# Biochemistry

✓ Major

## Description of the major:

Biochemistry is the interface between the chemical and biological universe, with particular attention paid to the study of life. A Bachelor of Science in biochemistry will give students the chemical understanding of the biological world that surrounds us. Students in this major will take introductory and advanced courses in both chemistry and biology.

## The student experience:

- Biochemistry is a unique major that spans two exciting disciplines. A degree in biochemistry will prepare you for a wide variety of graduate programs in chemistry, biology or biochemistry or professional schools in pharmacy, medicine or dentistry.
- Students will have an opportunity to work with faculty on independent research programs. Recent topics include viruses, prions and enzyme kinetics.
- Coastal Carolina University's unique biochemistry degree offers students the opportunity to take certain upper-level courses so they can customize their degrees to the careers they wish to pursue, allowing students to be more competitive in the job market.
- The state-of-the-art instrumentation and laboratory techniques provide valuable tools for students as they pursue their careers.

## Beyond the classroom:

Biochemistry majors go on to careers in a variety of areas, including:

- Basic research
- Bioinformatics forensics
- Biotechnology
- Dentistry
- Food science
- Forensics
- Medicine
- Medical research
- Pharmaceuticals
- Quality control
- Teaching

## Areas of study:

The University catalog has the complete list of courses for the major. You can find the catalog online at [catalog.coastal.edu](http://catalog.coastal.edu).

Courses include:

BIOL 340	Cell Biology
BIOL 350	Genetics
CHEM 351	Biochemistry I
CHEM 352	Biochemistry II
CHEM 353	Physical Biochemistry

## For more information:

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