



P.O. Box 261954
Conway, S.C. 29528-6054
1.800.277.7000
www.coastal.edu

Biochemistry

What does a biochemistry major study?

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 the Department of Chemistry and the Department of Biology.

Why study biochemistry at Coastal Carolina University?

- Biochemistry is a unique major that spans two very exciting disciplines. A degree in biochemistry will prepare you for a wide variety of graduate programs in chemistry, biology or biochemistry or professional schools of pharmacy, medical or dental school.
- 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 affords students the opportunity to take certain upper-level science courses so they can custom tailor their degrees to the careers they wish to pursue, allowing students to be more competitive.
- The state of the art instrumentation and laboratory techniques provide valuable tools for students as they pursue their careers.

What are some career options for biochemistry majors?

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

What kind of courses do biochemistry majors take?

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

Whom can I contact for more information?

- Brett K. Simpson, Ph.D., chair of the department, 843-349-2233 or bsimpson@coastal.edu
- Mary Sue Keasler, administrative assistant, 843-349-2379 or mkeasler@coastal.edu
- You can also find more information at www.coastal.edu/chemphys.