

BIOCHEMISTRY & MOLECULAR BIOLOGY (BMB)

SCIENTIFIC DISCOVERIES RELY ON COLLABORATION AND AN UNDERSTANDING OF THE INTERDISCIPLINARY NATURE OF THE FIELD. PREPARE TO EXPERIENCE BOTH.

The interdisciplinary emphasis of this program reflects the complex study of life at the cellular level. You'll use the resources and perspectives of multiple disciplines to make important contributions to scientific research.

WHAT WILL I STUDY?

Following guidelines specified by the American Society for Biochemistry and Molecular Biology (ASBMB), your **B.S. in Biochemistry and Molecular Biology** will reflect the complex study of life at the cellular level. This program allows you to use the resources and perspectives of multiple disciplines, reflecting on the collaborative nature of scientific research.

AUTHENTIC RESEARCH EXPERIENCES

From working to discover new antibiotics to designing your own research project, you will work closely with faculty mentors to experience real-life original research. You'll find yourself working with state-of-the-art instrumentation and advanced techniques — tools most students don't use until graduate school.



FAST-TRACK TO MEDICAL SCHOOL

Through our agreement with **Lake Erie College of Osteopathic Medicine (LECOM)**, one of the nation's most renowned medical colleges, you may apply to be granted early acceptance into medical, dental, or pharmacy school.



COUNTLESS OPPORTUNITIES

Our recognition as one of the nation's top colleges for hands-on learning allows you to be deeply engaged in the field by directly applying what you're studying.



RESEARCH OPPORTUNITIES

Further your research by attending prestigious programs sponsored by the National Science Foundation. Students have been placed at institutions such as Brookhaven National Laboratory, Stanford University, and the University of Chicago.



GUARANTEED INTERNSHIPS

Opportunities to master career-related skills are also plentiful here in Central Florida. From medical centers like Lakeland Regional Health to research facilities like Florida Chemical, you'll learn from industry experts while gaining valuable experience in your area of interest.



CONNECT AND NETWORK

As a BMB major, you have many opportunities to explore careers. Through student organizations, our Pre-Professional Programs, and our career and internship services, you will meet and connect with other students and professionals that share your passions.

WHAT CAN YOU DO AFTER GRADUATION?

The interdisciplinary nature of our prepares you for a wide spectrum of career opportunities. Recent graduates have gone off to medical school, earned doctoral degrees and performed research.

- Alexander McClanahan '16 is now pursuing an M.D. at University of Central Florida's College of Medicine.
- Grace Beggs '15 is currently working on a doctorate degree in biochemistry at Duke University.
- Liana Derringer '14 earned a Doctor of Pharmacy degree at LECOM in Bradenton, FL and is currently working as a pharmacist intern.