



BIOLOGY

A BIOLOGY MAJOR ALLOWS YOU TO EXPLORE YOUR PASSION, WHETHER THAT IS MEDICINE, ANIMAL BEHAVIOR, ECOLOGY, CELLULAR BIOLOGY, OR THE MYRIAD OF OTHER FIELDS THAT HELP US STUDY LIFE.

Learn biology by engaging in it. At Florida Southern, you'll work alongside faculty in the lab and in the field who have expertise in multiple disciplines and are as passionate about discovery as you are!

WHAT WILL I STUDY?

A **Bachelor of Science in Biology** allows you to explore many fields, including cell biology, anatomy and physiology, ecology, evolution, genetics, botany, marine biology, and so much more. You'll work with your advisor, to plan a custom program that will help you reach your career goals.

EXCEPTIONAL PREPARATION FOR PROFESSIONAL PROGRAMS

We offer many opportunities for students interested in the health professions, including students who aspire to attend medical, dental, or veterinary programs. The specific courses required by these programs apply to the biology major. Students accepted into our pre-professional program are provided expert advice and guided workshops to help them become highly competitive applicants. Our graduates have been admitted to prestigious programs at the University of Pennsylvania, Auburn University, and the University of Miami, to name just a few.

SOLVE REAL-WORLD PROBLEMS

From your very first semester, you will be involved in solving a pressing global crisis: antibiotic resistance. As a partner in the Tiny Earth Network, an authentic research program affiliated with the University of Wisconsin at Madison, you will learn the scientific method and research protocols and laboratory techniques as you search for novel antibiotics.



AT THE FOREFRONT

Research is woven throughout our curriculum, and you will conduct authentic research both in the lab and in the field.



DESIGN YOUR OWN RESEARCH —

You'll work closely with a faculty mentor to design and carry out original research. Whether in the lab investigating how bacteria can degrade oil or in the field examining the life cycle of parasites, you'll gain the experiences sought by graduate and professional programs.



INTERN WITH NATIONAL LABORATORIES —

After gaining experience on campus, you will be a competitive applicant for summer research programs funded by the National Science Foundation. Our students have earned positions at the University of Chicago and the University of New Mexico.



SHARE YOUR FINDINGS — Every research project is presented at the Florida Southern Biology Department biannual poster competition and outstanding projects are shared at national and international scientific conferences. Our students and recent graduates have won awards at these conferences and several have authored peer-reviewed papers published in scientific journals.



PROFESSIONAL PROGRAM CONNECTIONS

Our affiliation with the **Lake Erie College of Osteopathic Medicine (LECOM)** provides the opportunity for qualified students to have automatic acceptance into LECOM's medical school, dental school, or pharmacy program.