



What biology degrees does Georgia Southern offer?

B.A., Bachelor of Arts with a Major in Biology

B.S., Bachelor of Science in Biology

Both degree programs in biology at Georgia Southern offer a broad education in the sciences with special depth in biology. In addition to the core curriculum of coursework of essential skills, humanities, fine arts, and social science, biology students take chemistry, physics, geology and biology courses appropriate the program. Specific biology requirements vary for the B.A. and B.S. degrees.

A B.A. or a B.S. degree prepares students for work biology, and the flexibility of the programs permits preparation for entrance to professional and graduate education programs.

What can I do with a degree in biology?

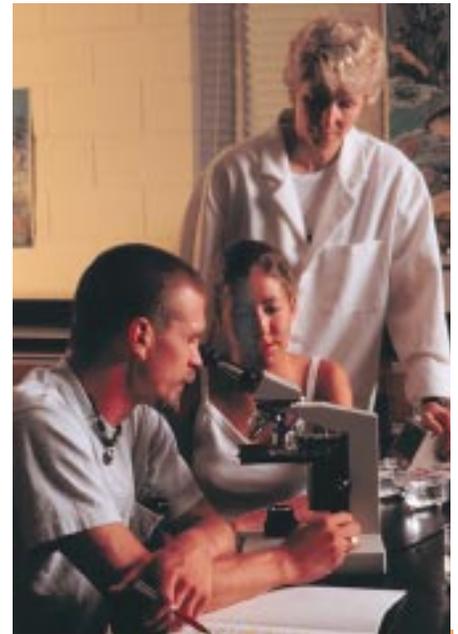
An undergraduate degree in biology prepares graduates to pursue a variety of career fields or areas of graduate study. Biology graduates may pursue employment with federal and state agencies such as the Centers for Disease Control (CDC), the United States Department of Agriculture (USDA), the Environmental Protection Agency (EPA), or the Department of Natural Resources (DNR). Graduates may also work in industry, be involved in biomedical testing, biomedical product development, or consulting on ecological and environmental issues. Those who elect to go on to graduate study in biology may develop careers at universities or colleges, or teach in elementary or secondary schools.

Biology pre-professional programs in medicine, dentistry, optometry and other para-medical fields, as well as forestry and veterinary science offer additional alternatives for career development.

Why choose Georgia Southern?

The student to faculty ratio at Georgia Southern is 19:1 in major classes. Many biology courses include small corresponding labs, which offer students optimal opportunity for interaction with professors. Biology faculty are actively involved in research, and students often have the opportunity to participate in projects of regional, national, and international significance.

Georgia Southern's location in the coastal plain ecosystem presents the opportunity for research in a variety of habitats including sand hills, forests, marshes, and cypress swamps. Of particular note is the 200-kilometer band of salt marshes



What is Biology?

Biology is the science that deals with the origin, history, physical characteristics, life processes, and habits of plants and animals. The Department of Biology at Georgia Southern emphasizes several broad areas of biology including cell and molecular biology, conservation biology, genetics, ecology, evolution, medical entomology, and physiology.

that extends along the length of the Georgia coast from the Savannah River to St. Mary's, Georgia. This complex ecosystem provides a habitat for many of the rare and endangered species in the state.

The Department of Biology houses a variety of laboratory and field equipment for faculty and student research, including both scanning and transmission electron microscopes, a greenhouse and herbarium, and a graduate student laboratory.

Campus resources of special interest to biology students include the Georgia Southern Botanical Garden, the Center for Wildlife Education and Lamar Q. Ball Raptor Center, and the internationally-recognized Institute of Arthropodology and Parasitology. The University also maintains an active collaboration with the Skidaway Oceanographic Institute and the Georgia Marine Service Extension in Savannah.

How do I prepare for the program?

High school students interested in studying biology at Georgia Southern should complete the college preparatory curriculum requirements for regular admission to the University:

- **English – 4 units**
- **Science – 3 units** (including physical science and at least two lab courses in biology, chemistry or physics)
- **Math – 3 units** (including two algebra, one geometry)
- **Social Science – 3 units**
- **Foreign Language – 2 units** (of the same language)

Prospective biology majors should take as many additional science and math units as possible.

For more information about undergraduate biology programs at Georgia Southern University, contact:

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Georgia Southern is an "environmental" campus, with students of all majors required to take two sciences, one of them environmental. Three recent National Science Foundation grants have made environmental curriculum development possible, as well as instrumentation and laboratory advancements in the sciences at the University.



Nima Farsinejad, Senior

Major: Biology

Home: Mallorca, Spain

Activities & Achievements: Georgia

Entomological Society award for research on brown widow spider, Beta Beta Beta (Biology Honor Society) president, Environmental Club, Resident Advisor, College of Science and Technology Ambassador, Raptor Center Summer Science Camp volunteer, SOAR leader, Spanish Club president, community schools tutor, Orientation Peer Leader, Leadership Seminar

Georgia Southern is small enough that it's warm and friendly, but it's also large enough to have diversity—there are international and nontraditional students, and there are many resources to take advantage of. I conduct my own research on brown widow spiders, and I presented some of my research at a conference last year. Now I am working on a paper that I hope to get published. This has become my priority—where I find the most challenge and motivation—but I still do other things outside class. I like a lot of things, and in this supportive environment there is always room for more expression and growth.