

# Biology Department

## Contact Us

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## Description

The discipline of biology allows us to understand ourselves and the world around us. This powerful science is discovering the basic mysteries of life and has given us the practical tools to treat diseases, to increase the amount of food that we produce, and to preserve our natural ecosystems. An education in biology offers an excellent preparation for careers in medicine or health care, biological research, ecology, biotechnology, forensic science, as well as many other possibilities. The Department of Biology occupies state-of-the-art laboratories in the O. Wayne Rollins Research Center. Faculty specializations include cell and developmental biology, genetics and molecular biology, ecology and evolutionary biology, and neurobiology and behavior. As part of its primary commitment to undergraduate education, the biology department actively fosters student participation in research with its faculty as well as through cooperative arrangements with scientists at Emory University School of Medicine, the United States Centers for Disease Control and Prevention, and Yerkes National Primate Research Center. Biology department faculty are also heavily involved in programs leading to a PhD. These programs are housed in the Graduate Division of Biological and Biomedical Sciences, and they include faculty from several departments of Emory College and the School of Medicine.

## Concentrations

Majors are offered in the area(s) of: **Biology; Biology**. For details, see the Major page for each area.

## Faculty

**Chair/Director:** Steven L'Hernault  
**Director of Undergraduate Studies:** Barry Yedvobnick

### Core Faculty

Rustom Antia; Christopher Beck; Chad Brommer; Ronald Calabrese; Kathleen Campbell; Victor Corces; Gray Crouse; Jacobus De Roode; Arri Eisen; Walter Escobar; Andreas Fritz; Nicole Gerardo; Jennifer Holzman; Dieter Jaeger; George Jones; William Kelly; Steven L'Hernault; Bruce Levin; Robert Liu; John Lucchesi; Gregg Orloff; Astrid Prinz; Leslie Real; Todd Schlenke; Iain Shepherd; Melody Siegler; Samuel Sober; Rachelle Spell; Amanda Starnes; Darrell Stokes; Yun Tao; James Taylor; Barry Yedvobnick; Shozo Yokoyama

### Associated Faculty

Henry Edelhauser; David Lynn

### Adjunct Faculty

Steven Frank; Santa Ono; Lynn Zimmerman

## Courses

### Core Subjects

This department offers courses in the following subject(s): **Biology**. For a list of specific courses in each subject area, see the course descriptions page for that subject.

## **Programs**

### **Honors Program**

Students who maintain a grade average of 3.5 or higher may qualify for a degree with honors. Honors students must take Biology 495A and 495B, complete a research project, and write and defend an honors thesis based on this research. They must also take one graduate course. See "Honors Program" under the College Curriculum section.

See "Honors Program" under the curriculum section of the catalog and consult the department for further details.