

## Biology BS at a Glance



### Program Overview:

The Department of Biological Sciences at FIU provides training and research opportunities for undergraduates and graduate students in a wide range of biological disciplines. Our mission is to educate broadly-trained life scientists, to carry out basic and applied biological research, to disseminate the results of our research, and to provide meaningful service to the University, the local community, and the World.

### Prerequisites:

BSC 2010 General Biology I  
BSC 2010L General Biology I Lab  
BSC 2011 General Biology II  
BSC 2011L General Biology II Lab  
CHM 1045 General Chemistry I  
CHM 1045L General Chemistry I Lab  
CHM 1046 General Chemistry II  
CHM 1046L General Chemistry II Lab  
CHM 2210 Organic Chemistry I  
CHM 2210L Organic Chemistry I Lab

CHM 2211 Organic Chemistry II  
CHM 2211L Organic Chemistry II Lab  
PHY 2048 Physics with Calculus I  
-OR- PHY 2053 Physics w/o Calculus I  
PHY 2048L Physics I Lab  
PHY 2049 Physics with Calculus II  
-OR- PHY 2054 Physics w/o Calculus II  
PHY 2049L Physics II Lab  
MAC 2311 Calculus I  
MAC 2312 Calculus II -OR- STA 3111 Statistics I  
and STA 3112 Statistics II

### Careers/Job Opportunities:

Botanist	Pharmaceutical Researcher	Pharmacist
Clinical Lab Scientist	Microbiologist	Biotechnology Researcher
Genetic Counselor	Epidemiologist	Drug testing/Quality Control
Conservation Biologist	Physician	Dietician
Forensic Scientist	Dentist	City/Community Health Official
Public Health Administrator	Veterinarian	Secondary Education Teacher
Food Safety Expert	Optometrist	Bioethicist

### Recommended Minors, Certificates, or Second Majors:

- Chemistry Minor
- Environmental Studies Minor
- Psychology Minor
- Nutrition Minor
- Certificate in Environmental Studies
- Certificate in Biodiversity Conservation and Management
- Certificate in Agroecology
- Certificate in Coastal and Marine Affairs
- Certificate in Forensic Science
- Natural and Applied Sciences Second Major

### Advising Contact Information:

CASE STEM Advising Center  
305-348-2978  
[biologyadvising@fiu.edu](mailto:biologyadvising@fiu.edu)  
MMC: OE 164 | BBC: AC1 322A

### Helpful Links:

Department Website: <http://biology.fiu.edu>  
CASE Advising Website: <http://caseadvising.fiu.edu>  
MyMajor Website: <http://mymajor.fiu.edu>  
Pre-Health Advising: <http://prehealthadvise.fiu.edu>

### College Requirements:

- *All majors in the college must complete 45 credits of upper division prior to graduation. Upper division courses are 3000/4000 level courses, major courses and outside electives can count towards this requirement.*
- *No 1 and 2-credit physical activity courses can be counted towards the 120 credits needed for graduation.*

