

# BIOLOGICAL SCIENCES



Explore how all living beings function—from a single nerve cell, to a plant's roots, to the human body.

A biological sciences major provides excellent preparation for graduate or professional study, or for a career in virtually any field. This major also provides access to world-class faculty, exciting research and internship opportunities, and a wealth of library and laboratory resources. A degree in biological sciences prepares you for research; teaching or service careers in the life sciences; and graduate programs in the biological and health sciences.



**UC DAVIS**

**COLLEGE OF BIOLOGICAL SCIENCES**

## WITH A DEGREE IN BIOLOGICAL SCIENCES, YOU WILL BE ABLE TO:

- Describe the molecular and structural unity of all life
- Explain how the diversity of life is generated, perpetuated and exemplified among and within life's three domains
- Demonstrate how genetics and biochemistry inform the organization and function of cells
- Explain how microbes, plants and animals develop and function within their environment
- Address scientific questions using quantitative approaches and critical reasoning, including developing hypotheses, analyzing data and interpreting results
- Critically evaluate scientific information from a variety of sources
- Communicate scientific data and concepts verbally and in writing

## BIOLOGICAL SCIENCES COURSE REQUIREMENTS:

Foundation courses: BIS 2ABC; MAT 17ABC or 21AB; CHE 2ABC; CHE 8AB or 118ABC; PHY 7ABC; STA 100

Depth subject courses: BIS 101, 102+103 or 105, 104

Complete classes in five field requirements

Choose from six areas of emphasis

Units required for B.A. degree: 77-94

Units required for B.S. degree: 104-114

## FOR MORE INFORMATION:

[biosci.ucdavis.edu/BASC](http://biosci.ucdavis.edu/BASC)  
[cbsundergrads@ucdavis.edu](mailto:cbsundergrads@ucdavis.edu)  
530.752.0410