BIOLOGICAL SCIENCES

This major gives students the chance to study the natural world to better understand living systems—from the biochemical to genetic and from cells to global biodiversity. The department has research faculty with specialties in four disciplines: marine environmental biology, molecular biology, human and evolutionary biology, and neurobiology. A diversity of upper-division undergraduate courses permit students to choose an emphasis in any of these four disciplines.

BACHELOR OF ARTS (BA) GENERAL OVERVIEW

Eight lower-division courses:

- **General Biology — Organismal Biology and Evolution**
- **General Biology — Cell Biology and Physiology**
- **General Chemistry A and B**
- **Calculus I**
- **Physics for the Life Sciences A and B**
- **Statistics**

Seven upper-division courses:

- **Molecular Biology**
- **Biochemistry**
- **Genetics**
- **Organic Chemistry A and B**
- **Two upper-division biology courses**

Additional Bachelor of Science (BS) requirements:

- **Introduction to Statistics for Biologists or Elementary Probability and Statistics**
- **Three additional upper-division biology courses, two of which must have a lab component**
- **Introduction to Research**
- **Choose from 4 emphases: Biotech (BTEC), Ecology, Evolution, and Environment (3E), Marine Biology (MARB), Molecular, Cellular, and Developmental Biology (MCDB)**

ACADEMIC OPPORTUNITIES

Research: There are numerous opportunities for students to engage in hands-on research in the labs of over 60 departmental faculty members as well as dozens of scientists on the Health Sciences Campus. Students also have the opportunity to conduct research at USC's Philip K. Wrigley Marine Science Center on Catalina Island during the semester or summer.

Freshman Science Honors Program: FSH allows exceptional freshmen to study in an enriched first-year biology and chemistry sequence, featuring smaller classes and access to lectures, tours, and field trips.

Supplemental Instruction: This academic support program provides regularly scheduled, peer-led study sessions for common Biology, Chemistry, Math, and Physics courses.

Study Abroad: Spend the summer at Oxford University studying global health in developing nations, international health policy, tropical medicine, and vaccinology. Or immerse yourself in a semester studying community health and social policy in Durban, South Africa.

For additional information, please consult the USC Catalogue.

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