Our Program
You can choose a major or minor in Biology, Botany, or Zoology. Students who major in Biology may elect to specialize in one of several concentrations: Cellular/Molecular Biology, Ecology & Biodiversity, Environmental Biology, General Biology, Marine Biology, Microbiology, or Science Education (science teacher preparation). All majors emphasize hands-on learning and personal interaction with faculty members. Many courses take advantage of the outstanding natural environment surrounding Humboldt State. Programs are structured to allow latitude for student choice in developing a program suitable to individual needs. There are also many opportunities for independent and faculty-mentored studies.

HSU graduates have an excellent record of acceptance into the top graduate schools in the country, as well as directly starting careers in a variety of wide-ranging and growing biological fields. Students interested in health-related professions should refer also to Pre-Professional Health Programs in the HSU catalog.

Why HSU?
Diversified faculty committed to undergraduate education and mentorship.
Wide-ranging courses and opportunities, including numerous specialized topics.
Emphasis on hands-on learning.
Excellent facilities available for undergraduates, including the marine laboratory in Trinidad; ocean-going research vessel, the Coral Sea; biotechnology laboratory; greenhouses; Vertebrate Museum; Herbarium; scanning and transmission electron microscopes; HSU Natural History Museum; and the College Core Facility.
Outstanding natural environments including ocean and estuarine areas, undeveloped coastal dunes, redwood forests, alpine and subalpine forests, and numerous state and national parks and forests.
Rigorous coursework designed to prepare students for active careers and graduate study.

Bachelor of Science
Major in Biology
concentrations available in:
Cellular/Molecular Biology
Ecology & Biodiversity
Environmental Biology
General Biology
Marine Biology
Microbiology
Science Education (Leading to a Single Subject Credential)
Major in Botany
Major in Zoology
Minors available in: Biology, Botany, and Zoology

Master of Science
Related Careers
Bioinformaticist
Biotechnologist
Botanist
Clinical Laboratory Technologist
Computational Biologist
Ecologist
Entomologist
Environmental Restoration Biologist
Field Biologist / Field Surveyor
Forensic Researcher
Geneticist
Health Professional / Physician
Laboratory Technician
Marine Biologist
Medical / Stem Cell Researcher
Microbiologist
Molecular Biologist
Ornithologist
Outdoor Educator
Park Ranger
Science Librarian/Teacher
Systematist
Veterinarian
Zoologist

Careers listed may require additional education. For more information about careers & employers, see the Biology/Botany/Zoology Career Guide.

For more information
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