

Elite Education Meets Personal Attention



Humboldt State's Biological Sciences program has few peers. Several independent studies conducted by the National Science Foundation and by the Dreyfus, Keck and Welch Foundations have proven that HSU's very affordable natural science programs rank as high as programs found at America's most elite and expensive private universities.

Our students enjoy small class sizes, a diverse natural setting (a prime laboratory for biological research in its own right), and more opportunities to conduct research and interact with faculty than can be found at larger universities.

"I came to Humboldt State because of its reputation for being a university oriented to high-quality undergraduate programs. From my very first semester, I have been working closely with faculty and staff on several research projects, and have enjoyed many opportunities to develop my skills as a scientist. Last summer I was awarded an internship at the American Museum of Natural History in New York City. My experiences at HSU have prepared me for graduate school and the rest of my career."

Jennifer L. Hughes
Lancaster, CA
Quartz Hill High School
Senior HSU Biology Major, Geology Minor

"My preparation in cellular and molecular biology at Humboldt State put me in the forefront of my class at the UC Davis Medical School. I had many opportunities at HSU to work closely with faculty members in classes while pursuing research projects that developed my skills for immediate use in medical school and beyond."

Mimi E. Reiss, M.D.
Resident Physician, Sutter Medical Center
Sacramento, CA

A faculty advisor can help you chart your course of study in Biological Sciences at Humboldt State University.

www.humboldt.edu/~biosci

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HSU is an AA/EO institution

HUMBOLDT STATE UNIVERSITY

BIOLOGICAL
SCIENCES

Humboldt State University offers outstanding undergraduate programs in Biology, Botany, and Zoology.



Experience Gives You the Edge

At Humboldt State we provide every undergraduate student the same research opportunities that most schools reserve for their Master's and Ph.D. students.

Why should you care? Because nothing prepares you for your career like real-world experience. Field research hones your critical thinking skills and reinforces what you're discovering in class. Our students are researching everything from the impact logging has on local wildlife to the genetic adaptations of microbial life in the sulfur vents of Lassen Volcanic Park. Learning at Humboldt State isn't limited to sitting in lecture hall.



Nationally Recognized Research

Our commitment to undergraduate research has been recognized and supported by both the National Science Foundation and the Howard Hughes Medical Institute. Humboldt State is home to the National Science Foundation's prestigious Research Experience for Undergraduates program. Likewise, Humboldt State has garnered more undergraduate research grants from the Howard Hughes Medical Institute than any other university in the California State University system.

Equipped to Succeed

We're a small university with the research facilities of a much larger school. We possess a state of the art Biotechnology laboratory, an ocean-going research vessel dedicated to undergraduate research (the only one of its kind in the nation); a marine laboratory on the coast, both scanning electron and transmission electron-microscopes, the largest vascular plant herbarium and collection of living plants in the Cal State University system and a vertebrate museum stocked with over 8,000 specimens.



the bottom line

Our program gives you the broad skills and real-world experience you'll need to succeed in both the job market and graduate school.

For an extensive list of job titles and potential employers, go to www.humboldt.edu/~biosci

Our Graduates Excel

Our students' broad science foundation and research skills lead to success in a wide variety of both private sector and governmental careers. Biologist, Environmental Scientist, Zoologist, Geneticist, Ecotourism Specialist, Pharmaceutical Sales Rep, Biotechnologist, Museum Curator—these are just a few of the careers that await graduates of our program.

Our emphasis on hands-on learning and in-depth laboratory experience also prepares our students well for the rigors of graduate school. National Science Foundation data show that Humboldt has the highest proportion (among non-Ph.D. granting institutions) of undergraduates who go on to successfully complete Ph.D.'s in the life sciences, earth and ocean sciences, and the physical sciences.



Options to Meet Every Interest

The success of our Biological Sciences program is partly due to our size—we are large enough to have an amazing mix of connected science programs, yet small enough to provide the one-on-one mentoring that has proven so valuable to our graduates. Our programs cover the entire breadth of biology, which gives you unparalleled freedom to tailor your education to your interests.

We offer several pre-professional health programs, including pre-medical, pre-pharmacy, pre-veterinary, and pre-dental. Our graduates from pre-professional programs have achieved notable success in being admitted to top-ranked professional schools.

You can major in Botany, Zoology or Biology. Furthermore, students who major in Biology choose to specialize in one of eight options: Biodiversity, Cellular and Molecular Biology, Environmental Biology, Ecology, General Biology, Life Science Teacher Preparation, Marine Biology, Microbiology or Special Major (this last option allows you to work with an advisor to create your own biology major).