Pharmacology
The Department of Molecular, Cellular and Developmental Biology
www.lifesci.ucsb.edu/MCDB
e-mail: mcdb-ugrad@lifesci.ucsb.edu

MAJORS OFFERED:
Bachelor of Science in Pharmacology

Pharmacologists investigate the therapeutic and toxicological actions of drugs on humans, animals and microorganisms; the influence of chemicals upon the environment and biological ecosystems, and the use of drugs as research tools in the illumination of molecular and biochemical mechanisms.

In 1974, UCSB became the first campus in the nation to offer an undergraduate pharmacological sciences curriculum. In contrast to professional programs in medicine, nursing, and pharmacy, which emphasize the therapeutic principles and applications of pharmacology, UCSB emphasizes pharmacology as a basic science.

Note: Students interested in UCSB's Pharmacology major are first admitted to the pre-major in Biological Sciences.

WHAT CAN I DO WITH PHARMACOLOGY?
The Pharmacology major, combined with experiences gained in colloquia and internships, prepares students for a wide range of careers, including private, state, and federally funded drug research laboratories, drug and chemical regulatory agencies, pharmaceutical companies, and environmental toxicology. The demand for graduates continues in the pharmaceutical industry and university pharmacology departments nationwide. Advances in pharmacology are occurring at a very rapid pace due to the latest developments in genetic engineering. This new scientific activity has greatly increased the number of research positions available to pharmacologists in the biotechnology industry.

WHY IS PHARMACOLOGY AT UCSB A GREAT CHOICE?

- The Department of Molecular, Cellular and Developmental Biology, home to the Pharmacology major, is one of the largest departments on campus.
- The “Colloquia on Pharmacological Sciences” at UCSB is a series of seminars delivered by distinguished visiting pharmacologists from academia and the pharmaceutical industry, designed to familiarize students with the current “state of the art” in pharmacology.
- UCSB’s Pharmacology Industrial Affiliates Program (industrial internships) includes participating companies such as Amgen, Merck, The Upjohn Company; Bristol-Myers Squibb Research and many others

LINKS FOR EXPLORATION

About the Department
http://www.lifesci.ucsb.edu/undergrad/mcdb/mcdb.html

Undergraduate Study
http://www.lifesci.ucsb.edu/undergrad/majors/pharmacology/pharmacology.html

Meet the Faculty
http://www.mcdb.ucsb.edu/people/faculty

Internships and Research
http://www.lifesci.ucsb.edu/undergrad/internships/mcdb/mcdb.html

USEFUL CAMPUS SERVICES

Advice on Choosing a Major
http://www.lscugeducation.ucsb.edu/advising/major

UCSB Catalog
http://my.sa.ucsb.edu/catalog

UCSB Career Services
http://career.sa.ucsb.edu/

Campus Learning Assistance Services
http://clas.sa.ucsb.edu/CLAS_services.htm