RESEARCH
As a student here, you will work closely with faculty on research projects exploring a broad range of questions. Whole organism, cellular, molecular, genetic, computational and informatics exploratory approaches are supported by funding from the National Institutes of Health, National Science Foundation, Howard Hughes Medical Institute, National Oceanic and Atmospheric Administration, National Aeronautics and Space Administration, Health Resources and Services Administration, Department of Commerce, Department of Defense, National Marine Fisheries Service, Department of Energy and many others.

You'll find labs and state-of-the-art facilities to learn about confocal fluorescence microscopy; flow cytometry; sequencing and nucleic acid analysis; proteomics; analytical chemistry; marine aquatics; horticulture; computational biology; computer modeling and you’ll learn how to use science to improve the lives of others. Here are some examples:

ECOLOGY AND ENVIRONMENTAL BIOLOGY
Marine and population biology, evolution, microbial, plant and mathematical ecology.

PHYSIOLOGY, NEUROSCIENCE AND BEHAVIOR
Regulation of sleep, exercise and antidepressant drug interactions, factors that influence growth, cellular interactions, endocrinology, and system integrity.

MICROBIOLOGY AND IMMUNOLOGY
Host-pathogen interactions and innate defenses, infectious mechanisms of viruses, applied and environmental microbiology and drug discovery.

MOLECULAR, CELL, DEVELOPMENTAL BIOLOGY AND GENETICS
Gene regulatory mechanisms, pigmentation, muscle and embryonic development.

CONTACT US
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http://www.calstatela.edu/academic/biol
THE CSULA EXPERIENCE

LEADERSHIP OPPORTUNITIES
INDIVIDUAL ATTENTION
Small classes mean more opportunities to learn, interact with faculty, participate in research projects and prepare for future careers. Leadership and networking opportunities outside the classroom await you as several student-run clubs host a broad range of activities to help you achieve your goals. Cal State L.A.’s student body is wonderfully diverse, allowing you to learn in a setting that reflects today’s society.

NATIONALLY RECOGNIZED SCIENTIST TRAINING PROGRAMS
The highly successful programs provide faculty mentors, graduate and undergraduate financial support.

CAREER OPPORTUNITIES IN RESEARCH EDUCATION AND TRAINING (COR): a joint program with Psychology faculty that prepares undergraduates for entering Ph.D. and M.D.-Ph.D. programs.

CENTER FOR ENVIRONMENTAL ANALYSIS, CENTER OF RESEARCH EXCELLENCE IN SCIENCE AND TECHNOLOGY (CEA-CREST): offers students interdisciplinary research opportunities in the environmental sciences.

MINORITY BIOMEDICAL RESEARCH SUPPORT - RESEARCH INITIATIVE FOR SCIENTIFIC ENHANCEMENT (MBRS/RISE): an interdisciplinary program with chemistry, computer science, math, physics and psychology faculty preparing students to enter Ph.D. and M.D.-Ph.D. programs.

LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (LSAMP): prepares underrepresented students to enter the Ph.D. program.

HEALTH CAREERS ADVISEMENT OFFICE (HCAO): prepares students for health professional programs in medicine, dentistry, optometry, pharmacy, veterinary medicine and more. The Health Careers Opportunities Program (HCOP) prepares underserved and underrepresented students for health careers.

DEGREES THAT WORK

EMBARK ON YOUR CAREER!
Biotechnology and Pharmaceutical Research
Clinical or Crime Lab Technologist
Field Biologist
Science Journalism
And more!

GET A TEACHING CREDENTIAL!
Community College Professor
High School Biology Teacher
Middle School Teacher, Specialty in Science

PURSUE A POSTBACCALAUREATE CERTIFICATE OR MASTER OF SCIENCE DEGREE!
Career advancement and promotion
Improve GPA for graduate admissions

ENTER A PH.D. PROGRAM!
University Professor
Research Scientist

GO TO PROFESSIONAL SCHOOL!
Chiropractor
Dentist
Optometrist
Patent law for biotechnology
Pharmacist
Physical Therapist
Physician
Veterinary Medicine

DEGREES THAT WORK