

PROGRAMS OF STUDY

CORE REQUIREMENTS (ALL MAJORS)

CHEM 001ABC: General Chemistry with Labs

ENSC 001: Introduction to Environmental
Science: Natural Resources

ENSC 002: Introduction to Environmental
Science: Environmental Quality

ENSC 100: Introduction to Soil Science

ENSC 101: Water Resources

ENSC 102: Introductory Atmospheric Science

ENSC 191: Seminar in Professional Development
in Environmental Sciences

POSC 010: American Politics

MATH 007A: Calculus for Life Sciences

MATH 007B: Calculus for Life Sciences

SAMPLE PROGRAMS OF STUDY BEYOND THE CORE REQUIREMENTS

The Natural Science Option

As a general curriculum emphasizing the natural sciences, this option is suitable for students wishing to maintain a broad range of choices in technically oriented environmental professions such as air and water pollution control, hazardous materials management, public health, natural resource management, and environmental impact analysis.

The Toxicology Option

As a curriculum that emphasizes the chemistry and biochemistry of toxic substances in the environment, this option prepares students for careers dealing with the control of toxics in the environmental media of air, water, soil, and ecosystems and in such related fields as public health and industrial hygiene.

ADVISING

Current course requirements are available online in the UCR General Catalog at catalog.ucr.edu.

For help in selecting courses, and for information about policies and procedures, contact a Professional Academic Advisor:

CNAS Undergraduate Academic Advising Center
1223 Pierce Hall

Phone: (951) 827-7294

For advice about careers, graduate programs, and letters of recommendation, contact:

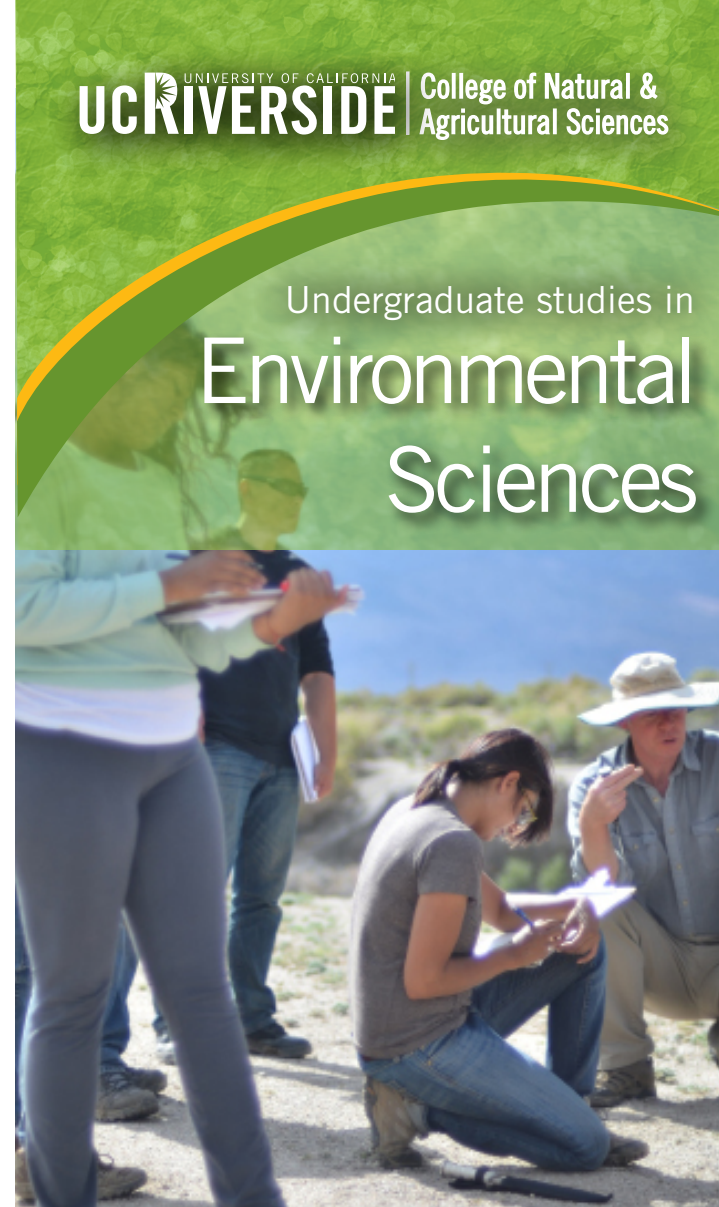
Dr. Daniel Schlenk, Vice-Chair of Teaching

Phone: (951) 827-2018

Email: daniel.schlenk@ucr.edu

More information is also available on the department website: envisci.ucr.edu

Undergraduate studies in Environmental Sciences



Growing great science
Making new discoveries
Building great minds



Environmental Sciences at the University of California, Riverside

ABOUT ENVIRONMENTAL SCIENCES

Environmental Sciences encompasses a wide range of disciplines merged together to understand the natural environment. The field includes interactions among the physical, chemical, and biological aspects of the world and human institutions. Students learn how to protect and restore the natural resources upon which all of society depends.

ABOUT THE DEPARTMENT

Our faculty is made up of nationally and internationally recognized scholars in a variety of disciplines, including Fellows of the American Association for the Advancement of Science (AAAS) and Fellows of the Soil Science Society of America (SSSA). Our classes are generally modest in size, and faculty are friendly, accessible, and available to mentor students in academic and career or postgraduate study.

PROGRAMS OF STUDY

We offer B.S. and B.A. degrees in Environmental Sciences with options in Environmental Toxicology and Natural Science. We also offer a minor in Environmental Sciences, and opportunities to take specialized coursework for career and educational objectives, to participate in internships, and to conduct undergraduate research.

CAREER PATHS

The importance of preserving and restoring environmental quality is rapidly gaining ground throughout the world. This presents many and varied job opportunities for students graduating with degrees in Environmental Sciences. Graduates are employed in a variety of sectors, including government work for state air and water agencies and private work for environmental engineering consulting firms. Many students obtain graduate degrees, both in Environmental Sciences and in a variety of other disciplines, such as law, political science, pharmacy, and public health.

RESEARCH AND OTHER OPPORTUNITIES

The Department of Environmental Sciences offers opportunities to work with faculty for academic credit through ENSC 197: Research for Undergraduates; with faculty and outside organizations in ENSC 198-I: Internship in Environmental Sciences; and in paid positions as student assistants. Interested students are also encouraged to participate in the UCDC program that provides academic credit for internships in Washington, D.C.

