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 005 or 008A
MATH 008B or 009A
MATH 009B

SAMPLE PROGRAMS OF STUDY BEYOND THE CORE REQUIREMENTS

Students in the Natural Science Option
BIOL 005A: Introduction to Cell and Molecular Biology with Lab
BIOL 005B: Introduction to Organismal Biology
CHEM 112AB: Organic Chemistry with Labs
ENSC 006: Introduction to Environmental Economics
ENSC 135: Chemistry of the Clean and Polluted Atmosphere
ENSC 141: Public Health Microbiology
ENSC 163: Hydrology
ENSC 174: Law, Institutions, and the Environment
ENSC 198-I: Internship in Environmental Sciences
GEO 1: The Earth’s Crust and Interior
ECON 101: Statistics for Economics
ECON 102: Intermediate Microeconomics
ECON 146: Urban Economic Problems
ECON 148: Land and Resource Economics
ENSC 138: Soils of Natural Ecosystems and Landforms
ENSC 143A: Environmental Economics
ENSC 143B: Natural Resource Economics
ENSC 143C: Ecological Economics and Environmental Valuation
ENSC 172: Principles of Environmental Impact Analysis
ENSC 174: Law, Institutions, and the Environment
GEO 157: Introduction to Geographical Information Sciences
POSC 101: The U.S. Congress
STAT 100AB: Introduction to Statistics

Students in the Social Science Option
ANTH 132: Cultural Ecology
BIOL 002: Cellular Basis of Life
BIOL 003: Organisms in their Environment
ECON 003: Introduction to Microeconomics
GEO 1: The Earth’s Crust and Interior
ECON 101: Statistics for Economics
ECON 102: Intermediate Microeconomics
ECON 146: Urban Economic Problems
ECON 148: Land and Resource Economics
ENSC 138: Soils of Natural Ecosystems and Landforms
ENSC 143A: Environmental Economics
ENSC 143B: Natural Resource Economics
ENSC 143C: Ecological Economics and Environmental Valuation
ENSC 172: Principles of Environmental Impact Analysis
ENSC 174: Law, Institutions, and the Environment
GEO 157: Introduction to Geographical Information Sciences
POSC 101: The U.S. Congress
STAT 100AB: Introduction to Statistics

More information is available at envisci@ucr.edu.

ADVISING

For help in selecting courses, and for information about policies and procedures, contact Professional Academic Advisor Rena Burton in the CNAS Undergraduate Academic Advising Center, 1223 Pierce Hall, (951) 827-7294, rena.burton@ucr.edu. Current course requirements are available online in the UCR General Catalog at http://catalog.ucr.edu. For advice about careers, graduate programs, and letters of recommendation, contact the Vice-Chair of Teaching, Dr. James Sickman, (951) 827-4552, james.sickman@ucr.edu. More information is also available on the departmental website, http://envisci.ucr.edu.
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, Natural Science, and Social 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.

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, DC.

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 Earth Sciences and in a variety of other disciplines, such as law, political science, pharmacy, and public health.