



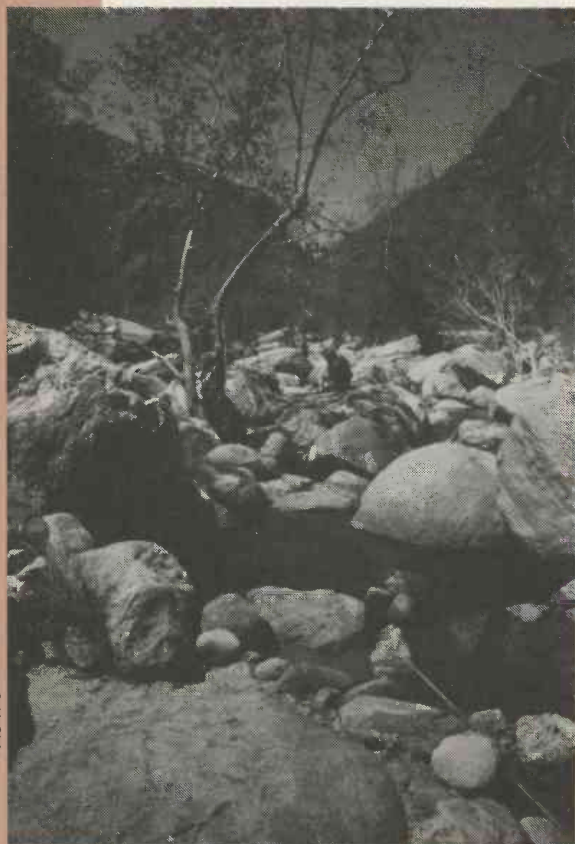
ENVIRONMENT &
NATURAL RESOURCES



J. Elliott

The Environmental Sciences major provides a wide background I can build on for future studies. There are different avenues I can look at. For example, my major covers pre-med and pharmacology requirements. Another thing I like is that this is an up-and-coming field, and there is always going to be a need for people qualified in this area."

Mark Reimers
Senior, Environmental Sciences
Career Interest: Pharmacology



S. McGinley

Soil and Water Science Department

These programs provide students with a strong background in environmental science, soil science, and water quality, with emphasis on environmental aspects of land and water use or plant production. The department offers the B.S., M.S., and Ph.D. degrees in **Soil and Water Science**, and a degree program in **Environmental Sciences**. Graduate students may pursue a course of study in environmental science or soil and water science. Special facilities for research include the world's largest weighing lysimeters, located at the turf research center a few minutes from campus.

Program Spotlight

ENVIRONMENTAL SCIENCES

The Environmental Sciences degree is a rigorous science-oriented curriculum for undergraduates interested in the field of environmental science. This program provides a strong background in the chemical, biological and physical sciences, along with the development of skills in mathematics, computers, problem solving and communications. Suitable electives allow for the flexibility of divergent interests and individuality.

The program has three basic features: pollution orientation (discovering, understanding, and remediating); developed lands (human impacted as opposed to fully natural conditions); and a demanding science curriculum. The Department of Soil and Water Science administers the program, which has a university-wide focus, in cooperation with an interdisciplinary guidance committee.

The program was initiated in the fall of 1993.

Coursework includes a choice of the following focus areas:

- **Land and Water.** Concerns pollution of land and water, including hazardous waste, landfills, surface and groundwater, and soil processes.
- **Environmental Microbiology.** This focus primarily addresses the remediation of contaminated sites, using microbiological methods.
- **Environmental Engineering.** This focus is a hybrid of science and engineering, developed cooperatively with the Department of Chemical and Environmental Engineering.