Cal Poly’s Natural Resources Management and Environmental Sciences Department prepares passionate leaders who drive change in sustainability and stewardship of the environment and restoration of land resources related to soil, water, forests, range and wildlife.

**MAJORS**

**ENVIRONMENTAL EARTH AND SOIL SCIENCES**
- Concentrations: Geology, Hydrology

**ENVIRONMENTAL MANAGEMENT AND PROTECTION**
- Concentrations: Watershed Management and Hydrology, Wildlife Biology

**FORESTRY AND NATURAL RESOURCES**
- Concentrations: Watershed Management and Hydrology, Wildland Fire and Fuels Management, Wildlife Biology

**MINORS**

- Geographic Information Systems
- Indigenous Studies in Natural Resources and the Environment
- Land Rehabilitation
- Rangeland Resources
- Soil Science
- Water Science
- Environmental Soil Sciences

**GRADUATE PROGRAM**

- Master of Science in Environmental Science and Management

**Median Salary**

$47,300

Median salary of **Environmental Management and Protection** major within one year of graduation.
Three undergraduate degree programs provide students with a broad understanding of and the ability to manage the natural environment; improve the utilization and stewardship of land, water and atmospheric resources; and protect and manage forests and natural resources. Students have the unique opportunity to live and learn at the 3,200-acre forest at Swanton Pacific Ranch in Santa Cruz County. This distinctive living laboratory provides students with Learn by Doing opportunities that are second-to-none. Working hand-in-hand with expert faculty, students study the methods of resource conservation applied through sustainable management techniques.

Faculty-led field trips provide another avenue to innovatively teach students. Students taking silviculture, seismology, geomorphology, applied geophysics, watershed management and structural geology have traveled to the Santa Ynez Mountains, Sierra Nevada, San Andreas fault zone, Transverse Ranges, the Carrizo Plain, Pallett Creek in the San Gabriel Mountains, San Emigdio Mountains, Elkhorn Plain and Lake Isabella.

**DEPARTMENT HIGHLIGHTS**

**THE URBAN FOREST ECOSYSTEMS INSTITUTE**

This program addresses the increasing need for improved management of the urban forests in California. The institute features online resources for tree selection, identification and care; tree health; urban wood use; and urban forest management.

**SWANTON PACIFIC RANCH**

The 3,200-acre Swanton Pacific Ranch is composed of majestic redwood and Douglas fir forests, lush riverine ecosystems, and expansive coastal grassland overlooking Monterey Bay and the Pacific Ocean. Students live and learn on this working range, developing career skills, learning current technologies and conducting diverse research projects.