

# ENVIRONMENTAL SOIL SCIENCE, MINOR

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Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

## Program Description

The Environmental Soil Science minor enables students to acquire scientific and field-related skills in preparation for environmental careers. Students learn to understand and apply soils and land use information in a wide variety of professional settings. The Environmental Soil Science minor will prepare students for jobs as professional soil scientists or for graduate studies in Soil Science and other interdisciplinary environmental sciences.

## What is Environmental Soil Science?

Soil is a critical component of terrestrial ecosystems, enabling plant growth and production of food, feed, and fiber for Earth's human population. It also provides critical ecosystem services including water quantity and quality, carbon and nutrient cycling and retention, and habitat. Soil science is the systematic study of soil formation, distribution, and mapping; soil physical, chemical, and biological properties, processes and functions; and soil management, use, and restoration.

## You Might Like This Program If...

- You are interested in sustainable production of food, feed, and fiber for Earth's rapidly increasing population.
- You are concerned about degradation of water quality and restoration of aquatic habitats.
- You are interested in restoration of soils that have been degraded by processes such as erosion, desertification, or salinization.
- You are concerned about management and preservation of natural areas and wildlife habitats.