

ENVIRONMENTAL SCIENCE AND TECHNOLOGY

Program Description

The goal of the Environmental Science and Technology program is to educate students in the science, protection and restoration of our natural resources—air, water, land and ecosystems. Students develop a foundation in biology, chemistry, mathematics, statistics and communication skills, then apply this knowledge to the study and solution of environmental problems. Theory is balanced with hands-on practice, which includes considerable work outdoors in the local environment during lab periods. Individual and group projects are a key component of courses and students participate in work performed in partnership with the Bureau of Land Management, U.S. Forest Service, Colorado National Monument and other organizations. Students must choose either the Pollution Monitoring and Control option, which focuses on pollution prevention as well as investigation, monitoring and cleanup, or the Ecosystem Restoration option, which focuses on protecting and restoring natural resources.

The Environmental Science and Technology minor is a valuable asset to students who are majoring in biology, chemistry or geology and planning to work in an environmental profession.

Students majoring in Environmental Science and Technology may also be interested in the certificate in [Sustainability Practices](#) and the minor in [Watershed Science](#).

Many environmental scientists use geographic information systems in their work. Students can learn this technology by pursuing the certificate in [Geographic Information Systems and Technology](#).

Contact Information

Dr. Justin Pomeranz
jpomeranz@coloradomesa.edu
970.248.1162
[Department of Physical and Environmental Sciences](#)
Wubben Science 232
970.248.1993

Programs of Study Bachelors/Minors

- [Environmental Science and Technology \(BS\)](#)
- [Environmental Science and Technology \(Minor\)](#)

Certificates

- [Sustainability Practices \(Professional Certificate\)](#)