



Environmental Science

Highlights

Environmental Science Club
Undergraduate research
Unique classes

Where do you see yourself?

Conservation planning
Chemist
Education
Environmental control
Environmental law
Environmental remediation
Environmental research
Extension
Geoscience
Hydrology
Land-use planning
Protection planning
Soil and water quality
State and federal agencies
Waste disposal
Wetlands and watershed management



Environmental science is the interdisciplinary study of the natural environment and its processes and interactions, including how humans impact and interact within the environment. The objective is to improve the current and future welfare of humans through the application of science and the development of sound environmental policies.

An environmental science degree is versatile, which allows graduates to be employed in a wide range of fields and sectors. Some of the many examples include: government environmental regulatory jobs, research positions, soil and water contaminant remediation, waste regulation and monitoring, environmental law, and natural resources management.

Within environmental science, you have the option to select a predefined emphasis area or work with your faculty adviser to customize your plan of study. These options include:

Environmental Policy

Focus on environmental law, regulation and policy.

Natural Resources

Focus on natural resources, ecology and management.

Water Resources

Focus on water properties and the quality and quantity of water resources.



Scholarship Dollars

Last year, the College of Agricultural Sciences and Natural Resources awarded **\$460,000** to students within the college.



Why Study Environmental Science?

Over time, people are becoming more aware of the importance of monitoring and protecting the environment in which we live. We are realizing that we have a significant impact on the natural environment around us, and global population growth is increasing the demand for positions in the field. Regulatory, research and remediation jobs are being created, and according to the U.S. Department of Labor, Bureau of Labor Statistics, jobs within the environmental science field are projected to grow about 15% through 2022, which is higher than the average for all job fields.

As an environmental science major, your courses will involve problem-solving studies related to water and soil quality, economics, environmental policy, political science, resource management and engineering. In addition, you will gain important skills in communication, philosophy, ethics and sociology. Many courses in this program are designed to get students outside and out of traditional classroom settings. For example, the senior-level capstone class features a team-based project which helps students develop “real world” experience as they work with professionals in environmental science related fields. Projects are most often field work, combined with research and presentation of recommended solutions.

Fast Fact: *The environmental science program has a newly opened Student Learning Resource Center. The center provides computers and printing stations, and serves as a conference and study room.*

Alumni Spotlight

Kendra Wise

*Bachelor of Science in Environmental Science, 2000
Master of Science in Plant and Soil Sciences, 2002*

After graduating from OSU, Wise’s first job was as a sanitarian at the Tulsa Health Department where she taught food safety education classes and inspected restaurants, hotels, and barber shops. She started working for the Tulsa Health Department in 2008 as the Special Events Coordinator, where she coordinated events such as the Tulsa State Fair, inspected manufacturing and mobile food establishments, and coordinated Farmers’ Markets in Tulsa County.

Wise began working in Environmental Health Services with the Tulsa Health Department in 2014, and is now a Senior Environmental Specialist. Some of her daily job duties include air quality, vector control and housing code enforcement.

“I enjoy helping people all around Oklahoma and improving the health of citizens in Tulsa County,” Wise said.

CASNR Fast Facts

>>> **Faculty Advising** <<<

40+
Student Organizations

\$1.4
Million in
Scholarships
each year

13:1
Student to Faculty Ratio

45 States
Represented

4 out of 15
OSU Outstanding Seniors

Expanding Minds, Inspiring Purpose

College of Agricultural Sciences & Natural Resources

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