

Graduate Certificate - Environmental Sustainability

The graduate certificate in Environmental Sustainability focuses on the integration of several distinct topic areas, including sustainability, policy (energy and environmental), economics, and global resource allocation. You will explore the impact of policy and formulate public- and private-sector strategies for the implementation of sustainable practices and design, as well as energy resources on the national and global scale. This online certificate is intended for graduate students who want to expand their knowledge of environmental sustainability without committing to a degree program.

Certificate Objectives

Upon successful completion of this certificate, the student will be able to:

- Detail the principles of sustainability and the roles of multiple disciplines in their effective implementation.
- Analyze the complex and dynamic interactions between humans and their environment.
- Assess the role of government policy at municipal, regional, national, and global levels in achieving sustainable development.
- Analyze the political, regulatory, and economic barriers that prevent full implementation of sustainable products, goods and services.
- Apply the principles of sustainability to complex environmental problems.
- Analyze the role of sustainability in meeting critical resource needs, such as renewable energy and water quality and quantity, on the local, regional, national, and global scale.

Certificate Requirements (18 semester hours)

Code	Title	Semester Hours
EVSP502	Environmental Economics	3
EVSP503	Environmental Policy, Regulation, and Law	3
EVSP561	Elements of Sustainable Design	3
EVSP605	Energy Policy and Sustainability	3
EVSP508	Environmental Ethics	3
EVSP628	Global Environmental Change	3
Total Semester Hours		18