

ENERGY AND SUSTAINABILITY POLICY, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: World Campus

End Campus: World Campus

Program Description

The Bachelor of Science degree in Energy and Sustainability Policy (ESP) is an interdisciplinary program, preparing students for careers in the evolving policy sector of the energy and sustainability fields, especially where strong science, business, and analytical skills are required. The B.S. program prescribes coursework in areas including energy sources, uses, and technologies; sustainability principles and practices; climate change; and, policy development and analysis. Students select additional courses in energy and science; analysis and technology; business and management; and, ethics, leadership and communications. ESP B.S. educational objectives emphasize five areas of student competency:

1. energy industry knowledge
2. a sustainability ethic
3. analytical skills
4. communication skills
5. global perspective

The ESP B.S. program prepares students with knowledge and skills valued by many types of organizations, including commercial firms, government agencies, public utilities, regulatory bodies, nonprofit and advocacy groups, and energy and trade organizations.

What is Energy and Sustainability Policy?

Modern society is faced with the challenge—and opportunity—of balancing global energy demand with availability. Accomplishing that goal while staying within the planet's ecological boundaries is a critical task. In the global shift toward renewable energies, Energy and Sustainability Policy experts are leading that charge. Graduates work in all areas of the energy sector, including government, NGOs, and private firms. Our global economy relies heavily on an abundant and consistent supply of energy and these experts will see that transition through, relying on their ability to research, analyze, and communicate diverse information about emerging global trends in energy policy, technologies, and economics.

You Might Like This Program If...

- You are interested in the energy industry, sustainability, and public policy, with a global perspective.
- You are looking for an online program to advance an existing career or begin a new one.
- You are passionate about energy and the environment and want to be a part of the path toward a sustainable future.