Environmental Science & Policy

Degree Designation: BS

Mission Statement

The B.S. in Environmental Science & Policy is an interdisciplinary science degree that combines knowledge of the science of the environment with the application of science in public policy decision-making.

Student Learning Outcomes

Content / Discipline Skills

- Understand scientific principles including biology, chemistry, calculus, and physical science (physics or geology)
- Be familiar with the applications of science and scientific methods to environmental policy development and environmental management decision making
- Be able to critically evaluate public policies, regulatory structures, and public agency decisions affecting the environment

Critical Thinking Skills

- Demonstrate critical thinking and analytical abilities, including the capacities to engage in inductive and deductive thinking and quantitative reasoning, and to construct sound arguments

Communication Skills

- Create and deliver effective oral presentations
- Develop effective written communication skills
- Contribute effectively to group discussions

Assessment Strategies

- Through a variety of mechanisms, including examinations, group projects, assignments, undergraduate research opportunities and internships, the faculty of the Department of Environmental Science & Policy will measure students’ achievement of the identified core learning outcomes. The results of the assessments will be used to improve student achievement and program effectiveness.