

Institutional Effectiveness and Outcome Assessment Measures

University Mission as it relates to the Department of Environmental Science and Policy.

*The University strives to provide an educationally challenging environment, within and **beyond the classroom**, that engages students and faculty in a common inquiry into the **values of society** and gives them a rational understanding of the need to accept and appreciate differences among people and cultures as a foundation for national and global welfare...The University provides to all undergraduates a strong common curriculum in liberal education that balances the acquisition of general knowledge with the development of intellectual honesty, curiosity, creativity, critical inquiry, and personal values and ethics that include **a commitment to advancing the society in which they live...to the preservation, organization, analysis, and synthesis of existing knowledge***

Bachelors of Science in Environmental Science and Policy

Educational Outcomes

1. Students completing the baccalaureate program in Environmental Science and Policy will be able to integrate science and policy aspects of environmental issues.
2. Graduates will have the ability to view environmental issues as interdisciplinary.
3. Graduates will have the ability to apply textbook knowledge to the field.

Assessment Method for Outcome 1: Skills to Integrate Science and Policy

- a. Successful completion of the senior seminar that requires integration of science and policy issues (90% of the students enrolled in senior seminar will successfully complete the project requiring them to demonstrate integration)
- b. Evaluation of student skills by professionals in the field, conducted as part of internship (80% of the Internship supervisors will agree)
- c. Favorable evaluation by graduates through alumni survey (80% of the alumni surveyed will agree or strongly agree to having acquired the skills to integrate science and policy related knowledge).

Assessment Method for Outcome 2: Interdisciplinary Training

- a. Successful completion of the senior seminar that requires integration of many disciplines (90% of the students will successfully complete the Senior Seminar course).
- b. Evaluation of student skills by professionals in the field, conducted as part of internship (80% of the Internship supervisors will agree that student intern has received interdisciplinary training).
- c. Evaluation by student through the Exit Roundtable with Chair, conducted at the end of the degree program (There will be a general consensus among graduating seniors that they have acquired interdisciplinary training.)

Assessment Method for Outcome 3: Practical Application

- a. Evaluation of student skills by professionals in the field, conducted as part of internship (80% of the Internship supervisors would agree to their intern having acquired this skill).
- b. Evaluation by students through the Exit Roundtable with Chair, conducted at the end of the degree program (There will be general consensus among the graduating class that they have received practical training).
- c. Evaluation by graduates through alumni survey (80% of the alumni surveyed would agree that their training is relevant to the field).

Masters of Science in Environmental Science and Policy

Educational Outcomes

1. Students completing the masters program in Environmental Science and Policy will be able to integrate science and policy aspects of environmental issues.
2. Students completing the masters program in Environmental Science and Policy will be able to engage in problem solving in relation to environmental issues.
3. Students completing the masters program in Environmental Science and Policy will be able to demonstrate expertise in one environmental sub-area.

Assessment Method for Outcome 1: Integrated Knowledge

1. Successful completion of Graduate Capstone Course (90% of the students will successfully complete the course requiring them to integrate science, policy and management components).
2. Successful completion of thesis or problem report (all graduates will successfully complete the thesis or problem requirement).
3. Evaluation of graduates through alumni survey (80% of the alumni surveyed will agree to the statement they received a broad-based, integrated training).

Assessment Method for Outcome 2: Problem-Solving

1. Successful completion of Graduate Capstone Project (90% of the students will successfully complete the course requiring them to take a local problem, investigate it and present solutions).
2. Successful completion of tool's requirement.
3. Evaluation of graduates through alumni survey (80% of the alumni surveyed will agree to the statement they received a broad-based, integrated training).

Assessment Method for Outcome 3: Sub-specialty

1. Successful completion of a graduate certificate program (80% of the students completing the masters program will also acquire a graduate certificate in one of many environmental sub-areas).
2. Successful completion of thesis or problem report requirement (all graduates will successfully complete the thesis or problem requirement as judged by faculty/practitioners from multiple disciplines).
3. Evaluation by alumni (80% of the alumni will be using their skills in their sub-specialty area).