

Assessment Plan

Program Department of Environmental Studies, PhD
 Assessment Coordinator for the program David M. Hassenzahl, Graduate Program Chair
 Department or Interdisciplinary Council Responsible for the Program Environmental Science
Graduate Coordinating Committee and Department of Environmental Studies
 Five-Year Implementation Dates (2004-2005 to 2009-2010)

1. Student Learning Outcomes for the program.

	Outcome. A student should be able to	Domain
1.	Recognize major current environmental policy issues	Cognitive
2.	Generalize the functions of science and stakeholders in policy processes.	Cognitive
3.	Identify the social and scientific parameters of environmental and resource management decisions.	Cognitive
4.	Evaluate how scientific information fits into environmental or resource management decisions.	Affective
5.	Analyze information related to a major environmental issue.	Cognitive
6.	Explain management options for a particular environmental or resource issue.	Affective
7.	Apply appropriate management tools to a significant topic in environmental science.	Psychomotor
8.	Model environmental systems.	Cognitive
9.	Present information pertinent to an environmental or resource management topic.	Psychomotor
10.	Judge the completeness and adequacy of environmental or resource management analyses created by others.	Affective
11.	Design an independent research program	Cognitive
12.	Demonstrate comprehensive mastery of knowledge relevant to a focused environmental or resource management research area.	Cognitive
13.	Demonstrate academic expertise on a particular environmental or resource management topic.	Cognitive
14.	Conduct original academic research on an environmental or resource management topic.	Cognitive

Required Courses:

ENV 701, ProSeminar

ENV 702, Environmental Problem Solving

ENV 703, Environmental Law and Policy Seminar

QRM: Quantitative research methods

C1: Course Cluster One

C2: Course Cluster Two

C3: Course Cluster Three

FC: Focused study ENV 749 OR ENV 790 OR ENV 791 OR ENV 792 OR 795; 18 hrs combined ENV 797 and ENV 798

2. Curriculum Alignment of Student Learning Outcomes. Where is the information introduced, enriched, and/or reinforced in the courses required in the program?

Student Learning Outcome	Required Courses						
	Prereqs	ENV 701	ENV 702	ENV 703	QRM	C1, C2, C3	FC
1				I		R	R
2		I	I	E		R	R
3	I	E	E	E		R	R
4	I	E		E		R	R
5	I	E	E		R	R	R
6		I	E			R	R
7			I		E	R	R
8			I		E	R	R
9		I	E	E		R	R
10		I	E			R	R
11		I					E,R
12		I				E	R
13		I	E			R	R
14	I	E	E		R		R

I = Introduced E =
 Enhanced R =
 Reintroduced

3. Evidence/Artifacts used to assess Student Learning Outcomes over the 5 year period of this Plan. What instruments will be used in each of the five years? When and where will they be administered in each of the five years? Which Student Learning Outcomes will be assessed during each of the 5 years? How will results be reported (e.g. percentages, ranks, state or national comparisons) for each of the 5 years?

Student Learning Outcomes for the Program	Methods / Instruments (Direct and Indirect) to be used	Expected Measures from the Methods / Instruments	When and where will the Methods/Instruments be administered and data collected?
1	Program progress folders Grades Comprehensive exams Dissertation	Completion of Benchmarks Averages and Percentages	At the end of each year, faculty who teach courses will provide the chair with summary data Program progress files will be updated each semester
2	Program progress folders Grades Comprehensive exams Dissertation	Completion of Benchmarks Averages and Percentages	At the end of each year, faculty who teach courses will provide the chair with summary data Program progress files will be updated each semester
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14	Program progress folders Grades Comprehensive	Completion of Benchmarks Averages and Percentages	At the end of each year, faculty who teach courses will provide the chair with summary data Program progress files will be

	exams Dissertation		updated each semester
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4. Dissemination of Information over the 5 year period of this Plan. When, where, and how will results be disseminated to stakeholders?

Student Learning Outcomes for the Program	Who will analyze the data?	When, where, and how will the results be disseminated to stakeholders?
1	Departmental Faculty and Administrators	At the beginning of each year, the results of assessment data collection will be posted to the departmental website; A summary and link will be included in the annual communiqué to all alumni.
2	Departmental Faculty and Administrators	At the beginning of each year, the results of assessment data collection will be posted to the departmental website; A summary and link will be included in the annual communiqué to all alumni.
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