

## **Assessment Plan**

Program Environmental Studies, Minor

Assessment Coordinator for the program Tim Farnham

Department(s) or Interdisciplinary Council Responsible for the Program

Environmental Studies Faculty and Helen R. Neill, Chair

Five-Year Implementation Dates (2004-2005 to 2009-2010)

**1. Student Learning Outcomes for the program.** List the Student Learning Outcomes for the program.

I. ENV minors will develop and enhance the following cognitive abilities:

A. Identify the multiple dimensions of environmental issues.

II. ENV minors will be able to apply professional evaluative methodologies to solving environmental management problems:

A. Employ models and other decision support methods to analyze environmental issues and contribute to management decisions.

B. Describe technical and socioeconomic trade-offs associated with diverse approaches to environmental management.

III. ENV minors will be able exhibit competency in research, analytical, and technical tools used in finding solutions in environmental management fields:

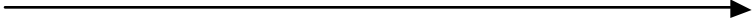
A. Demonstrate the ability to locate and access information on an environmental issue.

B. Develop the skills and qualifications to compete for a career that requires a basic level of environmental knowledge.

ENV Minor Requirements (21 credits, including ENV 101 and six other ENV courses)

- ENV 101: Introduction to Environmental Science
- ENV 260: (Prerequisite for upper division ENV courses)
- 12 credits of upper-division ENV courses
- 3 credits of any ENV courses

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

Program Outcome Goals	Required Courses 				
	ENV 101	ENV 260	ENV upper division (12 credits)	ENV any course (3 credits)	
I. A	I		E, R	E, R	
II. A		I	E, R	E, R	
II. B	I		E, R	E, R	
III. A		I	E, R	E, R	
III. B	I		E, R	E, R	

I = Introduced E = Enhanced R = Reinforced

**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?
I. A	Survey Grade Reports	Average Percentages Qualitative Survey	When applying for graduation, minors will be required to complete an exit survey. At the end of each year, faculty who teach courses will provide the chair with a summary data.
II. A	Survey Grade Reports	Average Percentages Qualitative Survey	When applying for graduation, minors will be required to complete an exit survey. At the end of each year, faculty who teach courses will provide the chair with a summary data.
II. B	Survey Grade Reports	Average Percentages Qualitative Survey	When applying for graduation, minors will be required to complete an exit survey. At the end of each year, faculty who teach courses will provide the chair with a summary data.
III. A	Survey Grade Reports	Average Percentages Qualitative Survey	When applying for graduation, minors will be required to complete an exit survey. At the end of each year, faculty who teach courses will provide the chair with a summary data.
III. B	Survey Grade Reports	Average Percentages Qualitative Survey	When applying for graduation, minors will be required to complete an exit survey. At the end of each year, faculty who teach courses will provide the chair with a summary data.

**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?
I. A	Teaching Faculty and Chair	At the beginning of each year, the results of assessment data collection will be posted to the department website. Include summary in annual alumni communiqué.
II. A	Teaching Faculty and Chair	At the beginning of each year, the results of assessment data collection will be posted to the department website. Include summary in annual alumni communiqué.
II. B	Teaching Faculty and Chair	At the beginning of each year, the results of assessment data collection will be posted to the department website. Include summary in annual alumni communiqué.
III. A	Teaching Faculty and Chair	At the beginning of each year, the results of assessment data collection will be posted to the department website. Include summary in annual alumni communiqué.
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