

UW-Milwaukee Interdisciplinary Major
Conservation and Environmental Sciences (CES)
 DRAFT February 24, 2004

Mission Statement	Intended Outcomes	Assessment Criteria	Assessment Tool	Assessment Results
<p>The mission of the interdisciplinary major in Conservation and Environmental Science is to provide a high quality, multi-disciplinary education for undergraduates interested in pursuing careers in natural resources conservation, environmental assessment, and/or environmental education.</p> <p>This mission is accomplished in four parts: (1) by providing a basic knowledge in biological, chemical, and earth sciences to all students as part of a core curriculum, (2) by providing concentrated training in focus areas of either land resources, water resources, environmental analysis, or biological resources depending on a student's interests, (3) by providing students with internship and research opportunities in the field, and (4) by fostering an interdisciplinary understanding of environmental problems through an introductory and advanced course and senior seminar in Conservation and Environmental Science</p>	<p>1. Students graduating with a major in CES will possess a basic and applied understanding of the core natural sciences, including Biology, Geology, Geography, and Chemistry.</p>	<p>1a. At least 80% of majors will demonstrate natural science competence by getting no less than a "B" grade in the General Ecology Laboratory (Bio 310 – Junior required course).</p>	<p>General Ecology BioSci 310 Laboratory Report (Fall)</p>	
		<p>1b. At least 70% of majors applying for post-baccalaureate, graduate or professional schools will be accepted within 5 years of graduation.</p>	<p>Alumni Interview (Summer)</p>	
	<p>2. Students will develop a basic understanding of the human dimensions involved in CES, including economic, regulatory, and political systems.</p>	<p>2a. Prior to graduation, all students will participate in a service learning experience with a CES – related organization (Included in CES 110).</p>	<p>Official University Transcript or Senior Survey</p>	
		<p>2b. At least 80% of majors will receive at least a grade of "B" on the "Resource Management" and "Environmental Regulation" exercises in CES 471 (Senior capstone course)</p>	<p>CES 471 Course Reports (Spring)</p>	
	<p>3. Students will develop critical thinking skills that will allow them to integrate knowledge from different disciplines in order to understand the complex nature of environmental problems and to develop possible solutions to those problems</p>	<p>3a. Prior to graduation, at least 60% of majors will have participated in independent research and/or internship experiences that require interdisciplinary thinking and written synthesis.</p>	<p>Official University Transcript or Senior Survey</p>	
		<p>3b. At least 80% of graduating seniors will complete their writing intensive and critical thinking senior seminar CES 491 with a grade of "B" or better.</p>	<p>Official University Transcript or Senior Survey</p>	
	<p>4. Students will be prepared to compete successfully for admission to graduate programs in CES, or directly for employment with governmental agencies, private consulting firms, or in environmental education.</p>	<p>4a. All students will complete a job search / self evaluation with the CES Director or Coordinator by the end of the first semester of their Senior year.</p>	<p>CES 471 Job Search Report or individual advising session (Spring)</p>	
		<p>4b. At least 80% of majors seeking to continue in the CES field will either have found employment or be enrolled in graduate programs in CES-related field within 5 years of graduation.</p>	<p>Alumni Survey (Summer)</p>	