

COLLEGE OF EDUCATION

MA/MEd Curriculum and Instruction Environmental Education Concentration

University Student Learning Outcomes (Graduate)	Program Student Learning Outcomes	Program Curriculum	Assessment	When Assessments Are Conducted	Use of Assessment Results for Continuous Improvement
Demonstrate excellence in critical thinking, problem-solving, analysis and strategic planning.	Candidates demonstrate curriculum “theory into practice” with research-based curriculum development that incorporates problem-solving, analysis and strategic planning in the field.	EDF 6215 Learning Principles EDF 6481 Foundations of Ed Research EDF 6250 Curric Design & Development	Reflective practice that links practice to theory Scholarly Writing Capstone Project	Throughout program Throughout program End of academic experience	
Develop and demonstrate an environmental consciousness that balances their economic and social aspirations with the imperative for ecological sustainability.	Candidates demonstrate an historical and philosophical grounding in and understanding of societies fluctuating significance about environmental concerns.	EDS 5414 Interpreting the Environment SCE 5937 Special Topics ERV 6322 Concepts and applications of Sustainability	Capstone Research Field Study Projects Reflective Practice Scholarly Writing Tests	Throughout program End of academic experience	
Develop and demonstrate an environmental consciousness that balances their economic and social aspirations with the imperative for ecological sustainability.	Candidates develop an ethical and moral understanding about human impact on the environment	EVR 6937 Environmental Policy SCE 5937 Special Topics	Reflective Practice	Throughout the program	

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Analyze and evaluate ecological issues locally and globally.	Candidates develop a sense of place in the environment, and human relationship therein.	EDS 5414 Interpreting the Environment SCE 5937 Special Topics ERV 6322 Concepts and applications of Sustainability	Field Study Projects Reflective Practice	Throughout program	
Analyze and evaluate ecological issues locally and globally.	Candidates investigate the roles of science, social science, education, and policy in addressing interrelated environmental, economic, and social issues	EVR 6322 Concepts and Applications of Sustainability SCE 5937 Special Topics	Reflective Practice Scholarly Writing	Primarily during CAS courses; integrated in Special Topics course.	
Analyze and evaluate ecological issues locally and globally.	Candidates investigate the environmental, economic, and social bases of sustainability.	EVR 6322 Concepts and Applications of Sustainability SCE 5937 Special Topics	Class Discussion Group Projects	Throughout the program	
Analyze and evaluate ecological issues locally and globally.	Develop an understanding of Resource use and humankind's impact on Earth's limited resources.	EVR 5925 Environmental Education for a Sustainable Future URP 6421 Environmental Planning	Projects Papers	Throughout the program	

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<p>Demonstrate effective use of a variety of communication skills and modalities.</p>	<p>Candidates demonstrate the ability to critically review and discuss the primary literature related to environmental education. They demonstrate teaching methods that reinforce concepts of environmental significance. They use the tools of inquiry to invite a sense of partnership between and among people and the environment.</p>	<p>EDS 5414 Interpreting the Environment</p> <p>SCE 5937 Special Topics</p> <p>ERV 6322 Concepts and applications of Sustainability</p>	<p>Capstone Research Field Study Projects Reflective Practice Scholarly Writing Tests</p>	<p>Throughout the program</p>	
<p>Exhibit professional and technical expertise consistent with discipline and/or content area specific accrediting or licensing bodies.</p>	<p>Candidates demonstrate ability to conduct original research in the field of environmental education</p>	<p>SCE 6XXX Capstone</p> <p>EDF 6486 Inquiry Skills and Assessment Methods</p> <p>EDF 6481 Foundations of Educational Research</p> <p>EDF 6215 Learning Principles Applied to Instruction</p>	<p>Capstone experience</p>	<p>Capstone experience</p>	
<p>Prepare for leadership roles in professional and occupational areas and in communities in which they live and work.</p>	<p>Candidates critically evaluate, and synthesize information on ecosystems and environmental economic systems through readings, interviews, case studies, and library and internet resources. They integrate across the awareness to action model for environmental education.</p>	<p>EVR 6322 Concepts and Applications of Sustainability</p> <p>SCE 6336 Methods in Secondary Science Education</p> <p>SCE 5937 Special Topics</p>	<p>Projects, writings and class discussions.</p>	<p>During Methods classes. Throughout the program.</p>	

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<p>Exhibit professional and technical expertise consistent with discipline and/or content area specific accrediting or licensing bodies.</p>	<p>Candidates appreciate and value career-long commitment to create learning environments that promote social interaction, active engagement and students' self-motivation. Demonstrate knowledge of environmental education pedagogy.</p>	<p>SCE 6336 Methods in Secondary Science Education</p> <p>SCE 5937 Special Topics</p> <p>EDF 6XXX Curriculum Design or</p> <p>EDG 6627 Foundations of Curriculum and Instruction</p>	<p>Design field data collecting program in the sciences</p> <p>Use techniques with clients</p>	<p>Conduct environmental Service Learning Projects</p>	
<p>Demonstrate capacity for continued learning, growth, and scholarly activity in their respective disciplines and fields of study.</p>	<p>Candidates appreciate the need to keep abreast of changes in local, regional and global environmental health and habitats. They continue to broaden their knowledge of local ecosystems and humankind's interactions therein. They will use this information to present possible solutions or the best practice questions to guide their students' thought processes.</p>	<p>OCB 6635 Estuarine Ecology</p> <p>PCB 6064C Advanced Ecology</p> <p>OCB 6646 Marine Biogeography</p> <p>OCB 6053 Coastal Watershed Geology</p>	<p>Field Study Projects Tests</p>	<p>Throughout the program</p>	

ADD A STATEMENT (narrative)

CONCERNING EXAMPLES OF HOW RESULTS FROM PROGRAM LEVEL ASSESSMENTS HAVE BEEN USED TO IMPROVE PROGRAM

This program does not start until Fall 2004. There will be pre-post testing or knowledge, attitudes and civic action in all SCE courses.

This program is based on selected standards from the National Science Teacher's Association, Environmental Education Act of 1900, The Earth Charter, the wisdom of the North American Association for Environmental Education and the goals of UNESCO, decade for sustainable development—Teacher education.